CITY OF ROSEVILLE CALIFORNIA

AGENDA

May 5, 2021

CITY COUNCIL
6:00 p.m.
Council Chambers
311 Vernon Street
Roseville, California
www.roseville.ca.us/CORTV

The meeting will be open to limited in-person attendance. To remain in compliance with the state's public health guidance, attendance will be limited to 25% of the room's capacity (15 seats) and will require 6 feet of social distancing inside and outside the council chambers. Face coverings are required and will be provided to those who don't have a mask.

Due to the limited capacity in the chambers, the public is highly encouraged to participate virtually. The meeting may be viewed on Comcast channel 14, Consolidated Communications channel 73, and AT&T U-Verse. City Council meetings are also video streamed live and are available on the City's website and YouTube channel.

Members of the public may offer public comment by phone:

Dial in Phone Number: 916-774-5353

If you need disability-related modification or accommodation to participate in this meeting, please contact: Voice: 916-774-5200, TDD: 916-774-5220. Requests must be made as early as possible.

THE CITY OF ROSEVILLE WELCOMES YOUR PARTICIPATION

If an agenda item is open to public comment, such public comment shall be addressed to the chair of the meeting.

Public Comment - Speakers have three minutes under Public Comment to speak on issues that are not listed on the agenda and are within the City's jurisdiction. The Brown Act does not permit any action or discussion on items not listed on the agenda.

Consent Calendar - If applicable, the Consent Calendar consists of routine items that may be approved by one motion. Any person can remove an item from the Consent Calendar to be discussed separately.

Agenda Items - Speakers have five minutes to address items that are listed on the agenda.

Americans with Disabilities Act - Notify the City Clerk or Secretary at least 72 hours in advance if special assistance is required to participate in a meeting including the need of auxiliary aids or services.

Audio/Visual Presentations - If making a presentation regarding an agenda item, audio/visual materials must be submitted to the City Clerk or Secretary at least 72 hours in advance.

Security procedures are in place to attend Roseville City Council meetings. All attendees must successfully pass through a security metal detector. Any person with a prohibited item will not be allowed entry. Prohibited items include, but are not limited to: firearms (even with valid CCW), knives, pepper spray/mace, explosives of any kind/ any weapons and/or dangerous devices of any kind, illegal drugs and alcohol.

Roseville City Clerk 311 Vernon Street, Roseville, CA 916-774-5200 TDD 916-774-5220

1. CALL TO ORDER

2. ROLL CALL

3. PLEDGE OF ALLEGIANCE

4. MEETING PROCEDURES

5. PRESENTATIONS

5.1. Proclamation - Public Service Recognition Week

Proclaim May 2-8, 2021 as Public Service Recognition Week and encourage all citizens to recognize the accomplishments and contributions of government employees at all levels.

Below is the video link highlighting why employees appreciate working for the City of Roseville:

https://youtu.be/RJ-kbufu6Xw

CONTACT: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

5.2. Placer County Whole Person Care Program Presentation

Presentation by Dr. Rob Oldham, Placer County Health and Human Services Director regarding the County's Whole Person Care Program and Keith Diederich, President and CEO of The Gathering Inn regarding permanent supportive housing within the City of Roseville.

CONTACT: Laura Matteoli 916-774-5284 lmatteoli@roseville.ca.us

6. PUBLIC COMMENTS

7. CONSENT CALENDAR

BEGINNING OF CONSENT CALENDAR

Bids / Purchases / Services

7.1. City Council/Housing Authority - 316 Vernon Street Front Counter Security Renovation and Coronavirus Aid, Relief, and Economic Security Act COVID-19 Project (RFQ 10-3285) – Contract Purchase Agreement, Budget Adjustment and Housing Authority Budget Adjustment

Memo from Buyer Tiffany Valdez and Assistant City Manager/Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 21-191 APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND OLEG KOVRIZHNYKH DBA OK CONSTRUCTION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (3001130); and adopt ORDINANCE NO. 6358 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE; and adopt RESOLUTION NO. 4-21 APPROVING A BUDGET ADJUSTMENT FOR FISCAL YEAR 2020-21. Staff requests Council authorize a contract purchase agreement with Oleg Kovrizhnykh dba OK Construction for the materials and labor to complete the front counter security renovations at 316 Vernon Street. The cost of the agreement is $289,000. Staff also requests approval of change order requests for this project up to 10% or $28,900 as a construction contingency. Additionally, a budget adjustment of $44,931 from the Transit Fund and $44,941 from the Transportation Fund, as well as a budget adjustment of $116,618 from Housing Authority funds from the Coronavirus Aid, Relief, and Economic Security Act funding is also requested. There are adequate resources available in both of these funds for the recommended budget adjustments.

CC #: 1443

File #: 0900-08 & 0103-03-02 & 0201-01

CONTACT: Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

7.2. On-Call Roadway and Trail Maintenance Services - Approval of Project Manual and Authorization to Call for Bids

Memo from Assistant Engineer Jesse Khatkar and Public Works Director Jason Shykowski recommending the City Council approve the project manual, including the Special Provisions, for the On-Call Roadway and Trail Maintenance Services and authorize staff to call for bids. The scope of the services consists of various resurfacing treatments in order to maintain the City's network of existing roadways and trails. The first areas anticipated to be resurfaced by the contractor selected for the work is a portion of the Sun City Neighborhood in 2021 and the Hillcrest Neighborhood in 2022. The engineer's estimate for the annual contract is estimated at $6.4 million. Funding sources identified for use on this contract include State Gas Tax, Highway Users Fund, SB-1 Road Maintenance and Rehabilitation Account, and the Local Transportation Fund. Funds will be allocated based on Council approved Capital Improvement Program project budgets. No General Fund resources will be used.

CC #: 1436

File #: 0900-04-02

CONTACT: Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

7.3. Four Corners Park (W-50C) Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Project Manager Joel De Jong and Parks, Recreation & Libraries Director Jill Geller recommending the City Council approve the plans and specifications for the Four Corners Park (W-50C) project and authorize staff to call for bids. This 1.2-acre park site is located at the intersection of Garland Way and Stanwyck Way in the West Roseville Specific Plan. The project includes a children's play area, swings, a basketball half court, bocce ball court area, pedestrian pathways, tricycle track, shade trees, open turf areas, benches, picnic tables, landscape, and irrigation. In order to meet budget constraints, additive alternates have been identified and include a shade structure for the picnic area and sod for the turf areas in lieu of seed. The estimate for construction of the base bids is $859,000. Funding for the park construction is provided through the West Roseville Neighborhood Park Development Fund and was allocated in the FY2020-21 budget. Maintenance of the park will be funded from the Westpark Community Facilities District No. 2 (Public Services).

CC #: 1434

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.4. Vehicle – Purchase Orders

Memo from Fleet Manager Brian Craighead and Public Works Director Jason Shykowski recommending the City Council approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Autocar CNG truck with AMREP roll-off body utilizing RFQ 10-3292 in the amount of $277,484; and approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Volvo diesel truck with AMREP roll-off body utilizing RFQ 10-3293 in the amount of $190,611; and approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Autocar diesel truck with Bridgeport side loading body utilizing RFQ 10-3294 in the amount of $338,931; and approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for seven Autocar CNG trucks with Bridgeport side loading bodies utilizing RFQ 10-3295 in the amount of $2,560,541. Funding for these vehicles is included in the FY2020-21 Fleet Replacement budget.

CC #: 1441

File #: 0203-01

CONTACT: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

Resolutions

7.5. Roseville Firefighters Employer Paid Member Contributions - California Public Employees' Retirement System Resolution

Memo from Human Resources Manager Linda Hampton and Human Resources Director Stacey Peterson recommending the City Council adopt

RESOLUTION NO. 21-196 FOR PAYING AND REPORTING THE VALUE OF EMPLOYER PAID MEMBER CONTRIBUTIONS. Staff recommends that Council adopt the resolution formally authorizing the City of Roseville to implement the provisions of Government Code 20636(c)(4) as provided for in the January 5, 2017, through December 31, 2018, Roseville Firefighters (RFF) bargaining agreement. In accordance with this and subsequent agreements, the City discontinued reporting Employer Paid Member Contributions to California Public Employees' Retirement System (CalPERS) as additional compensation for Classic RFF public safety employees effective January 6, 2018. While the City has been reporting compensation correctly to CalPERS in accordance with the agreements with RFF, an updated resolution was not filed with CalPERS. To administratively correct the required CalPERS documentation, staff recommends adopting the resolution to file with CalPERS. These provisions have reduced retirement costs since implementation and cost savings will continue to be realized going forward. This recommended action has no fiscal impact.

CC #: 1450

File #: 0600-01

CONTACT: Linda Hampton 916-774-5215 lhampton@roseville.ca.us

7.6. Fiddyment Ranch Lot D and F-66 (Lot 21) - Disposition of City Interests and Acceptance of a Portion of Property for Monitoring Well Purposes

Memo from Assistant Engineer Kerry Andrews and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 21-199 ORDERING SUMMARY VACATION OF EXCESS RIGHT OF WAY, PUBLIC UTILITY EASEMENT, AND ALL OTHER INTERESTS, IF ANY, IN LOT D IN THE FIDDYMENT RANCH PHASE 2 VILLAGE 16A SUBDIVISION, FINDING AND DECLARING LOT D AS EXEMPT SURPLUS LAND, AND AUTHORIZING THE CITY MANAGER TO EXECUTE A QUITCLAIM DEED, ESCROW INSTRUCTIONS AND ANY OTHER DOCUMENTS REQUIRED TO EFFECTUATE THE CONVEYANCE OF THE ABANDONED INTERESTS IN LOT D, FINDING IT TO BE IN THE CITY'S BEST INTEREST; and adopt RESOLUTION NO. 21-200 TERMINATING THE IN FEE IRREVOCABLE OFFER OF DEDICATION OF LOT 21 IN THE FIDDYMENT RANCH PHASE 2 VILLAGE 16A SUBDIVISION, AUTHORIZING THE CITY MANAGER TO EXECUTE A QUITCLAIM DEED AND AUTHORIZING THE CITY MANAGER TO EXECUTE ESCROW INSTRUCTIONS AND ANY OTHER DOCUMENTS REQUIRED TO EFFECTUATE THE TERMINATION OF THE IN FEE IRREVOCABLE OFFER OF DEDICATION; and adopt RESOLUTION NO. 21-201 APPROVING THE ACCEPTANCE OF A GRANT DEED FOR A PORTION OF LOT 21 OF FIDDYMENT RANCH PHASE 2 VILLAGE 16A AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE GRANT DEED, ESCROW INSTRUCTIONS, AND ANY OTHER REQUIRED DOCUMENTS AND AUTHORIZING THE CITY CLERK OR DESIGNEE TO RECORD ANY REQUIRED DOCUMENTS AT THE PLACER COUNTY OFFICE OF THE COUNTY RECORDER. These actions will facilitate a lot line adjustment pursuant to an agreement made in the Fiddyment Ranch Development Agreement Amendment #8. These actions

have no fiscal impact to the City's General Fund.
CC #: 1453

File #: 0400-04-09-1

CONTACT: Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

7.7. Sierra Vista - Phase 1B & 1C Westbrook Boulevard (STA 29+35.43 to End) & Vista Grande Boulevard - Notice of Completion

Memo from Construction Inspector Andrew Druck and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 21-198 OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA - PHASE 1B & 1C WESTBROOK BL. (STA 29+35.43 To END) & VISTA GRANDE BL. PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 1452

File #: 0400-04-12-1

CONTACT: Andrew Druck 916-223-7577 adruck@roseville.ca.us

7.8. Federico Phase 1 - Village 22B - Notice of Completion

Memo from Construction Inspector Andrew Druck and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 21-185 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS FEDERICO PHASE 1 - VILLAGE 22B, APPROVING THE “NOTICE OF COMPLETION”, AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 1431

File #: 0400-04-09-01

CONTACT:Andrew Druck 916-223-7577 adruck@roseville.ca.us

7.9. Federico Phase 1 - Village 3 - Notice of Completion

Memo from Construction Inspector Andrew Druck and Development Services Director Mike Isom recommending the City Council adopt RESOLUTION NO. 21-186 OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS FEDERICO PHASE 1 – VILLAGE 3

PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION. The Engineering Division has made final inspection of the project and has found the civil improvement work complete in accordance with the improvement plans and City specifications. This action has no impact to the City's General Fund. Construction costs were paid by the developer.

CC #: 1432

File #: 0400-04-09-01

CONTACT: Andrew Druck 916-223-7577 adruck@roseville.ca.us

7.10. Cresthaven Tennis Court Renovation Project - Notice of Completion

Memo from Park Development Project Manager Heather Buck and Parks, Recreation & Libraries Director Jill Geller recommending the City Council ADOPT RESOLUTION NO. 21-184 ACCEPTING THE PUBLIC WORK KNOWN AS THE CRESTHAVEN TENNIS COURT RENOVATION PROJECT, APPROVING THE “NOTICE OF COMPLETION”, AND AUTHORIZING THE PARKS, RECREATION AND LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE. The Parks, Recreation & Libraries Department has made a final inspection of the Cresthaven Tennis Court Renovation project and has found that all contract work has been completed in accordance with the improvement plans and specifications. The project is now ready for acceptance. The project included removal and replacement of the existing tennis court surfacing, new striping for one tennis court and two pickleball courts, and new seating. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion. Funding for the park improvements was provided through the Parks, Recreation & Libraries Capital Projects Fund. Maintenance of the existing neighborhood park is funded by the General Fund and will remain unchanged.

CC #: 1430

File #: 0704-01

CONTACT: Heather Buck 916-774-5254 hcbuck@roseville.ca.us

7.11. Roseville Aquatics Complex - Concession Agreement

Memo from Parks, Recreation & Libraries Superintendent Jeff Nereson and Parks, Recreation & Libraries Director Jill Geller recommending the City Council adopt RESOLUTION NO. 21-189 APPROVING AN AGREEMENT GRANTING AN EXCLUSIVE REVOCABLE LICENSE TO OPERATE A CONCESSION STAND AT THE ROSEVILLE AQUATICS COMPLEX, BY AND BETWEEN THE CITY OF ROSEVILLE AND DAVE’S DAWGS, LTD LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The City will receive 15% of all net sales, reducing General Fund support needed for the Aquatics Complex. Net sales shall be defined as gross sales, less the cost of goods sold and payroll

expense. In addition, staff requests Council authorize the City Manager or his designee to approve two (2) additional one (1) year renewals without further Council approval, potentially extending this contract through September of 2024. There is no impact to the City's General Fund associated with this agreement as the revenue is already included in the budget.

CC #: 1439

File #: 0707

CONTACT: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

7.12. Sun City - Phase I Resurfacing Project - Road Maintenance and Rehabilitation Account Project Identification

Memo from Assistant Engineer Jesse Khatkar and Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 21-197 ADOPTING THE SUN CITY PHASE I - RESURFACING PROJECT FUNDED BY SENATE BILL 1: THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017. Local agencies are required to list all proposed projects scheduled to receive Senate Bill 1 (SB 1) funding by resolution prior to receiving an apportionment of Road Maintenance and Rehabilitation Account (RMRA) funds in a fiscal year. This item identifies the City's 2021 Residential Resurfacing Project for use of the 2021-2022 funding allotment. The project will repair damaged asphalt and apply a maintenance surface treatments to a portion of the Sun City neighborhood. The construction estimate for the first phase is $4.42 million and is funded by $2.73 million from the RMRA Fund (SB 1), with the remaining costs covered by Highway Users Tax and Roadway funds. No General Fund resources will be used on this project.

CC #: 1451

File #: 0900-04-01

CONTACT: Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

7.13. Northern California Power Agency - Support Services Program Agreement

Memo from Electric Resource Analyst Brian Schinstock and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 21-194 APPROVING A SUPPORT SERVICES PROGRAM AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND NORTHERN CALIFORNIA POWER AGENCY, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. The Support Services Program Agreement allows Roseville to utilize various support services available through Northern California Power Agency. This item request is increasing the limit from $50,000 to $74,999 to be consistent with the new City Ordinance. There is no fiscal impact associated with the increased limit as it is only an enabling agreement.

CC #: 1447

File #: 0800-03

CONTACT: Brian Schinstock 916-746-1658 bschinstock@roseville.ca.us

7.14. Network Integration Transmission Service - Service Agreement Amendment

Memo from Electric Resource Analyst Brian Schinstock and Electric Utility Director Michelle Bertolino recommending the City Council adopt RESOLUTION NO. 21-188 APPROVING AMENDMENT 1 TO THE SERVICE AGREEMENT FOR NETWORK INTEGRATION TRANSMISSION SERVICE, BY AND BETWEEN THE CITY OF ROSEVILLE AND THE UNITED STATES DEPARTMENT OF ENERGY, WESTERN AREA POWER ADMINISTRATION, SIERRA NEVADA REGION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of an amendment to the Network Integration Transmission Service with Western Area Power Administration which allows Roseville to import electricity into Roseville's service territory. This amendment will conform Roseville's network resources listed in the contract to their current capacity. There is no fiscal impact associated with the Amendment as it only updates the capacity of the Roseville Energy Park.

CC #: 1435

File #: 0800-03

CONTACT: Brian Schinstock 916-746-1658 bschinstock@roseville.ca.us

7.15. Pleasant Grove Wastewater Treatment Plant Energy Recovery Project - Pacific Gas & Electric Agreement

Memo from Senior Engineer Tracie Mueller and Environmental Utilities Director Richard Plecker recommending the City Council adopt RESOLUTION NO. 21-195 APPROVING A PACIFIC GAS & ELECTRIC AGREEMENT FOR TRANSPORTATION OF NATURAL GAS FOR COMPRESSION AS A MOTOR-VEHICLE FUEL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSVILLE. Natural gas from Pacific Gas & Electric (PG&E) is needed to supplement the digester gas flow from the Pleasant Grove Wastewater Treatment Plant Expansion Project to meet vehicle fuel demands at the high-pressure compressors. The cost for the PG&E gas service supplied under this agreement will be funded by the Waste Services Operations Fund.

CC #: 1448

File #: 0800-02

CONTACT: Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

7.16. Downtown Roseville Property and Business Improvement District - 2020 Annual Report and 2021 Budget

Memo from Economic Development Manager Wayne Wiley and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 21-193 APPROVING THE 2020 DOWNTOWN ROSEVILLE PROPERTY AND BUSINESS IMPROVEMENT DISTRICT ANNUAL REPORT AND 2021 BUDGET. Staff requests Council receive an update regarding the Downtown Property and Business Improvement District's Annual Report for 2020 including current activities and future operations and adopt a resolution to approve the annual report and the 2021 budget for the Downtown Roseville Partnership.

CC #: 1445
File #: 0206-10-01

CONTACT: Wayne Wiley 916 774-5283 wwiley@roseville.ca.us

7.17. City of Roseville Financial Policies for Fiscal Year 2021-22

Memo from Assistant City Manager/Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 21-187 ADOPTING THE CITY OF ROSEVILLE FINANCIAL POLICIES, EFFECTIVE JULY 1, 2021. The financial policies recommended for adoption include the Investment Policy, the Debt Management Policy, the Swap Policy, the Budget Development Policy, the General Fund Emergency Reserve Policy, the Federal Stimulus Reserve Fund Policy, the Internal Service Funds - Operating and Replacement Reserves Policy, the Capital Improvement Program Rehabilitation Funding Policy, the Other Post-Employment Benefits Funding Policy, the Workers' Compensation and General Liability Funding Policy, and the Requests for Proposals Policy. The Internal Service Funds - Operating and Replacement Reserves Policy is a new policy to formalize existing operating reserve practices and document long-term replacement reserve funding processes. Approval of the policies has no fiscal impact. However, implementation of the policies is expected to improve the fiscal position and financial health of the City. The Fiscal Year 2021-22 Proposed Budget is being developed based on these recommended financial policies.

CC #: 1433

File #: 0200

CONTACT: Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

7.18. South Placer Transit Project - Low Carbon Transportation Operations Program Allocation Authorization and Budget Adjustment

Memo from Transportation Analyst Ed Scofield and Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 21-183 AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO EXECUTE THE CERTIFICATIONS AND ASSURANCES AND AUTHORIZED AGENT FORMS FOR THE LOW CARBON TRANSIT OPERATIONS PROGRAM FOR THE REGIONAL SOUTH PLACER TRANSIT PROJECT; and ADOPT ORDINANCE NO. 6356 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff is requesting Council receive the FY2020-21 Low Carbon Transportation Operations Program (LCTOP) grant funds, receive FY2019-20 LCTOP grant funds from Placer County Transportation Planning Agency, and approve a budget adjustment for the South Placer Transit Project. The Transit Fund balance will be reduced by $80,000 for staff costs. LCTOP allocations totaling $961,799 will be used toward operation of the South Placer Transit Project. These actions have no fiscal impact to the City's General Fund.

CC #: 1429

File #: 0721 & 0214 & 0201-01

CONTACT: Ed Scofield 916-869-9109 ecscofield@roseville.ca.us

7.19. Washington Boulevard/Andora Bridge Widening Phase 1 (Washington Boulevard Bikeway and Pedestrian Pathways Project) - Award of Contract and Budget Adjustment

Memo from Assistant Engineer Beth Taylor and Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 21-190 APPROVING AN AGREEMENT, BY AND BETWEEN A. TEICHERT & SON, INC. DBA TEICHERT CONSTRUCTION AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE; and adopt ORDINANCE NO. 6357 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff recommends Council award the Washington Boulevard/Andora Bridge Widening Phase 1 (Washington Boulevard Bikeway and Pedestrian Pathways Project) to the lowest responsive bidder, A. Teichert & Son, Inc. dba Teichert Construction, in the amount of $4,399,428 with authorization for staff to exceed the award amount by 10% or $439,943 as a construction contingency. The construction scope of this project consists of clearing and grubbing, excavation, pedestrian and bicycle facilities construction and paving, street lighting, new and modification of traffic signals, grading, drainage, utilities, widening, and striping. A budget adjustment is necessary in the amount of $6,416,119 which will cover the construction, construction contingency, permit fees, staff time, and construction management. The project will be funded by an Active Transportation Program grant; a Congestion Mitigation Air Quality grant; and Local Transportation Fund, Electric Fund - Traffic Signal Maintenance, and Traffic Mitigation Fund resources. No General Fund resources are allocated for this project.

CC #: 1442

File #: 0900-04-02 & 0201-01

CONTACT: Beth Taylor 916-746-1300 bftaylor@roseville.ca.us

7.20. Maidu Soccer Complex Turf Conversion Project - Budget Adjustment

Memo from Parks, Recreation & Libraries Superintendent Kristi LaRoche and Parks, Recreation & Libraries Director Jill Geller recommending the City Council adopt ORDINANCE NO. 6355 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests approval of a budget adjustment for the completed Maidu Soccer Complex turf conversion project in the amount of $100,625 from the Youth Sports Coalition Fund and reducing project funding from anticipated revenue in the Parks, Recreation & Libraries Capital Project Fund by $100,625. This request has no impact on the overall project budget, or on the General Fund.

CC #: 1427

File #: 0900-07 & 0201-01

CONTACT: Kristi LaRoche 916-774-5962 klaroche@roseville.ca.us

7.21. International Brotherhood of Electrical Workers, Local 1245 - Implementation of Labor Market Salary Adjustments

Memo from Human Resources Manager Linda Hampton and Human Resources Director Stacey Peterson recommending the City Council adopt ORDINANCE NO. 6359 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6250, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO, LOCAL NO. 1245, IBEW-A AND IBEW-B, AS AMENDED BY APPENDIX "D" TO BE EFFECTIVE MAY 8, 2021, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6360 OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. As part of the City Council approved International Brotherhood of Electrical Workers, Local 1245 Memorandum of Understanding, effective April 27, 2019, through April 30, 2022, the City agreed to conduct a labor market survey and adjust the job classes salary ranges that are behind in the labor market starting the first pay period of May 2021. Staff is recommending that Council approve new IBEW A and B salary schedules to reflect the labor market adjustments. The estimated cost of the recommended labor market adjustments totals is $110,622 for the remainder of FY2020-21. Staff recommends that the City Council consider a budget adjustment of $97,347 to fund the increases in the Electric Fund. The Waste Operations and Wastewater Operations Funds have adequate resources to absorb the cost for the remainder of the fiscal year. The ongoing cost of $719,045 will be incorporated into the FY2021-22 budget.

CC #: 1446

File #: 0600-01 & 0202-01

CONTACT: Linda Hampton 916-774-5215 lhampton@roseville.ca.us

Ordinances (for second reading and adoption)

7.22. Second Reading - Accessory Dwelling Unit Ordinance and Fee Policy Update

ORDINANCE NO. 6361 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE CHAPTER 19.60 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING ACCESSORY DWELLING UNITS, for seconding reading and adoption.

CC #: 1455

File #: 0800-06 & 0400-02

CONTACT: Sean Morales 916-774-5282 smorales@roseville.ca.us

7.23. Second Reading - Density Bonus Ordinance Update

ORDINANCE NO. 6362 OF THE COUNCIL OF THE CITY OF ROSEVILLE

AMENDING CHAPTER 19.28 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING RESIDENTIAL DENSITY BONUS, second reading and adoption.

CC #: 1457

File #: 0709-03

CONTACT: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

7.24. Second Reading - Objective Design Standards

ORDINANCE NO. 6363 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 19.74.010 OF CHAPTER 19.74 AND SECTION 19.95.030 OF CHAPTER 19.95 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING PERMIT AND VARIANCE REQUIREMENTS AND ZONING DEFINITIONS, for second reading and adoption.

CC #: 1456

File #: 0800-06

CONTACT: Gina McColl 916-774-5452 gmccoll@roseville.ca.us

Ceremonial Documents

7.25. Resolution - Teresa Hedges

Commend Teresa Hedges for her 23 years of outstanding service and dedication to the City of Roseville, congratulate her on her many accomplishments, and extend wishes for a long, healthy, and enjoyable retirement.

CC #: 1437

File #: 0102-10

CONTACT: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

7.26. Resolution - Vicki Sisneroz

Commend Vicki Sisneroz for her 20 years of outstanding service and dedication to the City of Roseville, congratulate her on her many accomplishments, and extend wishes for a long, healthy, and enjoyable retirement.

CC #: 1438

File #: 0102-10

CONTACT: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

END OF CONSENT CALENDAR

8. SPECIAL REQUESTS/REPORTS/PRESENTATION

8.1. Status Report on Space Planning Efforts and Future Real Estate Needs for Expanded Operations

Memo from Refuse and Stormwater Manager Devin Whittington and Environmental Utilities Director Richard Plecker recommending the City Council

receive a report requesting guidance and direction related to acquiring property necessary for operational expansion over the next 30 years. The Environmental Utilities Department has $14,858,274.23 in its Land Acquisition Capital Improvement Project for the acquisition of property and site planning.

CC #: 1440

File #: 0800-02

CONTACT: Devin Whittington 916-774-5783 dwhittington@roseville.ca.us

8.2. Environmental Utilities Department - Budget Update

Memo from Environmental Utilities Business Administrator Janet Vargas and Environmental Utilities Director Richard Plecker recommending the City Council receive a budget update from the Environmental Utilities Department. No fiscal impact associated with this report.

CC #: 1454

File #: 0800-02

CONTACT: Janet Vargas 916-774-5557 jvargas@roseville.ca.us

8.3. Roseville Electric Utility - Budget Update

Memo from Electric Utility Finance Administrator Eric Campbell and Electric Utility Director Michelle Bertolino recommending the City Council receive an update from the Roseville Electric Utility Department on their budget development. This is an informational presentation that has no fiscal impact.

CC #: 1428

File #: 0800-03

CONTACT: Eric Campbell 916-774-5626 ecampbell@roseville.ca.us

9. PUBLIC HEARING

NOTICE TO THE PUBLIC

City Council, when considering the matter scheduled for hearing, will take the following actions:

1. Open the Public Hearing
2. Presentation by Staff
3. Presentation by applicant or Appellant
4. Accept Public Testimony
5. Appellant or Applicant Rebuttal Period
6. Close the Public Hearing
7. City Council Comments and Questions
8. City Council Action

In the future, if you wish to challenge in court any of the matters on this agenda for which a public hearing is to be conducted, you may be limited to raising only those issues, which you, or someone else raised orally at the Public Hearing or in written correspondence received by the City or before the hearing

Public Hearings listed for continuance will be continued as noted and posting of this

agenda serves as notice of continuation.

9.1. Community Development Block Grant - 2021 Annual Action Plan and Substantial Amendment to 2020-2024 Consolidated Plan

Memo from Housing Analyst Kristine Faelz and Economic Development Director Laura Matteoli recommending the City Council adopt RESOLUTION NO. 21-193 APPROVING THE 2021 ANNUAL ACTION PLAN, APPROVING THE PROPOSED AMENDMENT TO THE 2020-2024 CONSOLIDATED PLAN, AND AUTHORIZING THE CITY MANAGER TO EXECUTE NECESSARY DOCUMENTS AND CERTIFICATIONS ON BEHALF OF THE CITY OF ROSEVILLE. This item requests approval of the City's FY2021-22 Annual Action Plan for the federal Community Development Block Grant Program and approval of the Substantial Amendment to the 2020-2024 Consolidated Plan, and authorization to submit the Annual Action Plan to the federal Department of Housing and Urban Development. This item does not result in any impact to the City's General Fund.

CC #: 1444

File #: 0113-02

CONTACT: Kristine Faelz 916-774-5451 kpfaelz@roseville.ca.us

9.2. Proposed Water, Wastewater, and Waste Services Utility Rate Adjustments and Municipal Code Revisions for Fiscal Year 2021-22 and Fiscal Year 2022-23

Memo from Environmental Utilities Business Administrator Janet Vargas and Environmental Utilities Director Richard Plecker recommending the City Council conduct a public hearing to receive public comment regarding proposed rate adjustments effective July 1, 2021, and July 1, 2022, for water, wastewater, and waste services utility rates and associated amendments to the Roseville Municipal Code; and introduce for first reading ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 9.12.100 OF CHAPTER 9.12 OF TITLE 9 REGARDING GARBAGE, AMENDING SECTIONS 14.08.090 AND 14.08.100 OF CHAPTER 14.08, AMENDING SECTIONS 14.16.200, 14.16.201 AND 14.16.220 OF CHAPTER 14.16, AND AMENDING SECTION 14.17.080 OF CHAPTER 14.17 OF TITLE 14 OF THE ROSEVILLE MUNICIPAL CODE REGARDING PUBLIC UTILITY FEES, CHARGES AND RATES. The proposed rate adjustments would result in increased revenue necessary to maintain current levels of service for Environmental Utilities.

CC #: 1449

File #: 0800-02

CONTACT: Janet Vargas 916-774-5557 jvargas@roseville.ca.us
Nancy Rothlisberger 916-774-5564 nrothlisberger@roseville.ca.us

10. REPORTS / PUBLIC COMMENTS

11. ADJOURNMENT

COUNCIL COMMUNICATION

CC #: 1426
File #: 0102-06

Title: Proclamation - Public Service Recognition Week
Contact: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 5.1.

RECOMMENDATION TO COUNCIL

Proclaim May 2-8, 2021 as Public Service Recognition Week and encourage all citizens to recognize the accomplishments and contributions of government employees at all levels.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Ceremonial documents meet the above criteria and are not subject to CEQA. No additional environmental review is required.

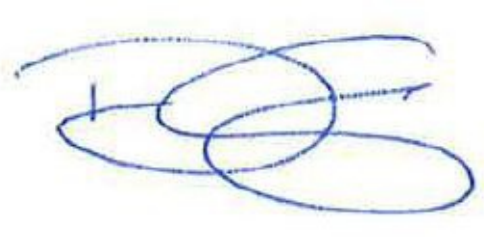
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal E - Deliver exceptional city services

Respectfully Submitted,

Blair Hutchison, Deputy City Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Public Service Recognition Week

Proclamation

PUBLIC SERVICE RECOGNITION WEEK

May 2 – 8, 2021

In honor of the millions of public employees at the federal, state, county, and city levels:

WHEREAS, Americans are served every day by public servants at the federal, state, county and city levels and these unsung heroes do the work that keeps our nation functioning and their tireless efforts are especially critical today during the COVID-19 pandemic; and

WHEREAS, public employees take oaths to perform their jobs; and

WHEREAS, many public servants including police officers, firefighters, military personnel, border patrol officers, embassy employees, and health care professionals, risk their lives each day in service to the people of the United States and around the world; and

WHEREAS, public servants include: utility workers, inspectors, engineers, teachers, scientists, social workers, safety inspectors, dispatchers, laborers, parks, recreation and library workers, computer technicians and countless other occupations, and day in and day out they provide the diverse services demanded by the American people of their government with efficiency and integrity; and

WHEREAS, without these public servants at every level, continuity would be impossible in a democracy that regularly changes its leaders and elected officials.

NOW, THEREFORE, I, KRISTA BERNASCONI, MAYOR OF THE CITY OF ROSEVILLE, CALIFORNIA, do hereby proclaim **May 2-8, 2021**, as **PUBLIC SERVICE RECOGNITION WEEK** and encourage all citizens to recognize the accomplishments and contributions of government employees at all levels.

SIGNED AND APPROVED this 5th day of May, 2021

CITY OF ROSEVILLE
INCORPORATED APRIL 10, 1909

KRISTA BERNASCONI, MAYOR

COUNCIL COMMUNICATION

CC #: 1458
File #: 0709-05

Title:	Placer County Whole Person Care Program Presentation
Contact:	Laura Matteoli 916-774-5284 lmatteoli@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 5.2.

RECOMMENDATION TO COUNCIL

Accept a presentation by Dr. Rob Oldham, Placer County Health and Human Services Director regarding the County's Whole Person Care Program and Keith Diederich, President and CEO of The Gathering Inn regarding permanent supportive housing within the City of Roseville.

BACKGROUND

At the direction of City Council, staff invited Placer County to provide the Roseville City Council and community a Presentation on the County's Whole Person Care Program. Presentations will be given by:

- Dr. Rob Oldham, Placer County Health and Human Services Director regarding the County's Whole Person Care Program, and
- Keith Diederich, President and CEO of The Gathering Inn regarding permanent supportive housing within the City of Roseville.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

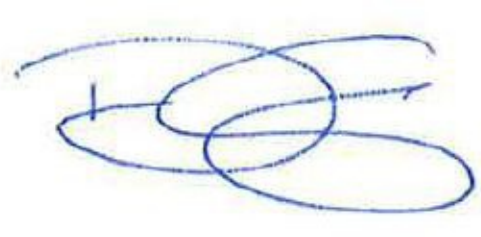
Not applicable.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Laura Matteoli, Economic Development Director



_____

Dominick Casey, City Manager

COUNCIL COMMUNICATION

CC #: 1443
File #: 0900-08 & 0103-03-02 & 0201-01

Title:	City Council/Housing Authority - 316 Vernon Street Front Counter Security Renovation and Coronavirus Aid, Relief, and Economic Security Act COVID-19 Project (RFQ 10-3285) – Contract Purchase Agreement, Budget Adjustment and Housing Authority Budget Adjustment
Contact:	Tiffany Valdez 916-774-5708 tvaldez@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.1.

RECOMMENDATION TO COUNCIL

Recommend City Council:
1) Adopt a resolution to approve a contract purchase agreement with Oleg Kovrizhnykh dba OK Construction and authorize the City Manager to execute it on behalf of the City of Roseville, and authorize change order requests for this project up to 10% ($28,900) as a construction contingency;
2) Adopt an ordinance approving a budget adjustment of $89,862 from the Transit Fund ($44,931) and Transportation Fund ($44,931) for the Front Counter Security Renovation Project;
3) Adopt a resolution approving a budget adjustment of $116,618 from the Housing Authority Fund for the Housing Front Counter Security Renovation Project from available Coronavirus Aid, Relief, and Economic Security (CARES) Act funding.

BACKGROUND

The Alternative Transportation and Housing Front Counter Security Renovation Project was approved by the City Council in the FY2020-21 budget with an initial budget estimate of $175,000 with the Facility Rehabilitation Fund contributing $87,500, and the Transit Fund and Transportation Fund contributing $43,750 each.

Staff conducted a formal bid for this project with the following vendor responses:

Bidder	**Lump Sum Total**
Oleg Kovrizhnykh dba OK Construction Antelope, CA	**$289,000**
Buskirk Construction Auburn, CA	$335,000

The lowest responsible bidder was Oleg Kovrizhnykh dba OK Construction for $289,000.

In addition to the construction contract, staff recommends that the City Council approve a project contingency of 10% or ($28,900) to address unanticipated cost overruns. Staff time required to implement the project is estimated at $63,580, bringing the project's total estimated cost to $381,480.

To fully fund the project, staff recommends that the City Council approve a budget adjustment to increase the project budget by $206,480 from $175,000 to $381,480. The funding for this adjustment will come from available resources in the Transit Fund ($44,931), Transportation Fund ($44,931), and Housing Authority funds (CARES Act) ($116,618).

FISCAL IMPACT

The Alternative Transportation and Housing Front Counter Security Renovation Project was included in the FY2020-21 budget at $175,000. The Facility Rehabilitation Fund contributed $87,500, and the Transit Fund and Transportation Fund contributed $43,750 each. Staff recommends that the City Council authorize an increase to the project budget of $206,480 to fund the total project cost of $381,480. The Transit and Transportation funds will contribute an additional $44,931 each to the project. There are adequate resources available in both of these funds for the recommended budget adjustment.

The Housing Authority will contribute the remaining balance of $116,618 from available CARES Act funds. The Roseville Housing Authority received this funding from the Department of Housing and Urban Development (HUD) through the CARES Act, which was signed into law in March 2020. These funds were provided to Public Housing Authorities (PHA) to prevent, prepare, and respond to the Coronavirus (COVID-19) pandemic. Among the many eligible expenses that this funding can cover are physical improvements to office space, including expansion and remodel costs. This particular project will mitigate the effects of COVID-19 when serving the public and provide social distancing for staff who work at the front desk.

Following is a summary of the current project budget and recommended adjustments.

Fund	Current Budget	Budget Adjustments	Revised Budget
Facility Rehabilitation Fund	$ 87,500	$ -	$ 87,500
Transportation Fund	$ 43,750	$ 44,931	$ 88,681
Transit Fund	$ 43,750	$ 44,931	$ 88,681
Housing Authority (CARES Act)	$ -	$ 116,618	$ 116,618
Total	**$ 175,000**	**$ 206,480**	**$ 381,480**

ENVIRONMENTAL REVIEW

The proposed project involves the minor alteration of an existing facility. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

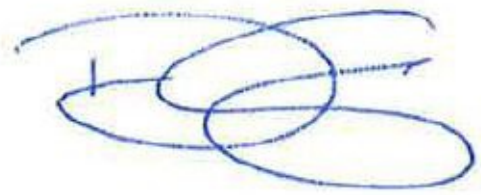
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Tiffany Valdez, Buyer

Dennis Kauffman, Assistant City Manager/Chief Financial Officer



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-191

Contract Purchase Agreement 3001130

Ordinance 6358

Budget Adjustment - City

Resolution 4-21

Budget Adjustment - Housing Authority

RESOLUTION NO. 21-191

APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND OLEG KOVRIZHNYKH DBA OK CONSTRUCTION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a contract purchase agreement (3001130), for the 316 Vernon Street Front Counter Security & CARES ACT COVID-19 Renovation project, by and between the City of Roseville and Oleg Kovrizhnykh dba OK Construction, has been reviewed by the City Council.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said contract purchase agreement is approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to approve change orders for the project, consistent with the contract terms, provided that the net cost of all change orders shall not exceed ten percent (10%) of the contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

Contract Purchase Agreement 3001130

Supplier Details:

Company	Oleg Kovrizhnykh dba OK Construction
Contact	Oleg Kovrizhnykh
Address	5755 Old Antelope North Rd
	Antelope, CA 95843

Submit your response to:

Company	City of Roseville
Contact	Tiffany Valdez
Address	Purchasing Division
	2075 Hilltop Circle
	Roseville, CA 95747
Phone	(916) 774-5708
Fax	(916) 774-5736
E-mail	TValdez@roseville.ca.us

This Contract Purchase Agreement is sent for your review and acceptance. Notify the Buyer via email of any needed changes to the company name, address, and contact information. The Buyer will update the agreement prior to you signing the document.

Return two (2) signed originals of the agreement to the Buyer noted on the agreement. Alterations or modifications to the agreement are not allowed. Upon receipt of all necessary documents, the City will sign the agreement and return a fully executed copy to you. Receipt of the signed copy will be your notice to proceed with the work in accordance with the terms and conditions of the agreement. Work must not begin until the contract has been fully executed.

The following guidelines must be followed for the signature block on the agreement:

Sole proprietorship - **By owner**

Partnership - **Any general partner**

Corporation - **Two options:**
(1) A signature from the President and the corporate seal; **OR**
(2) One signature from the Chairman of the Board, President, or any Vice President **AND** one signature from the Secretary, any Assistant Secretary, Chief Financial Officer, or any Treasurer or Assistant Treasurer of the corporation

*General Manager, Office Manager and/or Sales Manager are **not** corporate officer titles. The agreement will be rejected if not signed in accordance with these guidelines.

Insurance requirements:
The City's insurance requirements are referenced on Attachment A of the agreement. By signing the agreement, you are confirming that your company has the minimum insurance limits required.

CITY OF ROSEVILLE CALIFORNIA

Contract Purchase Agreement 3001130

Agreement	3001130
Agreement Date	24-MAR-2021
Revision	0
Agreement Amount	289,000.00 USD

Invoice To	**City of Roseville** **Accounts Payable** **311 Vernon St** **ROSEVILLE CA 95678**	Supplier	**Oleg Kovrizhnykh dba OK Construction** 5755 Old Antelope North Rd Antelope, CA 95843
Phone:	(916) 774-5488	**Phone:**	()
Fax:	(916) 784-3796	**Fax:**	()
Email:	accountspayable@roseville.ca.us	**Email:**	okconstruction@outlook.com

Description of Labor, equipment and/or materials

SHALL PROVIDE DEMOLITION AND RENOVATION CONSTRUCTION SERVICES IN ACCORDANCE WITH ALL SPECIFICATIONS, ATTACHMENTS, TERMS AND CONDITIONS PER RFQ 10-3285.

START DATE: EXECUTED AGREEMENT
END DATE: FINAL PAYMENT

PLEASE CONTACT LORI HOGAN AT 916-774-5707 OR LHOGAN@ROSEVILLE.CA.US FOR QUESTIONS REGARDING THIS AGREEMENT.

Customer #	Supplier #	Payment Terms	Freight Terms	FOB	Shipping Method
	14921	**Net 30**	**Freight on Board at the destination**	**Destination**	**Best Method**

Start Date	End Date	Confirm To
		Tiffany Valdez Phone **1-916-774-5708**

Attention: Total Cost not to exceed the agreement amount without prior approval of the Purchasing office.

Contract Terms and Conditions

1. To the fullest extent allowed by law, Contractor shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of Contractor's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from City's sole or active negligence or willful misconduct. The parties intend that this provision shall be broadly construed. Contractor's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

2. Contractor is an independent contractor, and shall not be considered an officer, agent or employee of the City.

3. Without the written consent of the City, this Agreement is not assignable by Contractor either in whole or in part.

4. Time is of the essence of this Agreement.

5. At any time during the term of this Agreement, the City has the right to terminate this Agreement, provided Contractor is given thirty (30) days written notice. City's termination shall be without further liability to City; however, Contractor shall be entitled to all costs reasonably incurred prior to the date of termination. Contractor acknowledges that City may terminate this Agreement should funds not be appropriated by its governing body to continue services under this Agreement.

6. This Agreement may only be amended or modified in writing. It is integrated and contains the complete understanding of the parties.

7. All equipment, supplies and services sold to the City of Roseville shall conform to the general safety orders of the State of California.

8. Unless notified to the contrary, in writing, the City assumes that the Contractor has accepted the work in accordance with the plans and specifications (if any) and agrees to do the work in compliance with this Agreement.

9. All prevailing wages and fair employment practices must be adhered to. For prevailing wage contracts over $25,000, copies of certified payroll must be submitted with invoices. Prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm.

10. Contractor agrees to the below insurance requirements:

    a. Unless otherwise specified, the Contractor shall maintain the policies of insurance outlined in Attachment A, incorporated herein by this reference, in full force and effect during the term of this Agreement. The City of Roseville retains sole discretion in determining the types and proper levels of insurance coverage.

b. Form. Contractor shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

c. Additional Insureds. Contractor shall also provide a separate endorsement or section of the policy showing City, its officers, agents, employees, and volunteers as additional insureds for each type of coverage (except Workers' Compensation) and for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of Contractor. The additional insured coverage under the Contractor's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from City's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the Insurance Services Office (ISO) CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be:

(1) the minimum coverage and limits specified in this Agreement; or
(2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

d. Cancellation/Modification. Contractor shall provide ten (10) days written notice to City prior to cancellation or modification of any insurance required by this Agreement.

e. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of City (if agreed to in a written contract) before City's own insurance shall be called upon to protect it as a named insured.

f. Subcontractors. Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, Contractor shall require its subcontractors to agree to be bound to Contractor and City in the same manner and to the same extent as Contractor is bound to City under this Agreement. Additionally, Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

g. Self-Insured Retentions. All self-insured retentions (SIR) must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

h. Waiver of Subrogation. Contractor hereby agrees to waive subrogation which any insurer of Contractor may acquire from Contractor by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General

Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of City, its officers, agents, employees and volunteers for all work performed by Contractor, its employees, agents and subcontractors.

i. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve Contractor of liability in excess of such coverage, nor shall it preclude City from taking such other actions as are available to it under any other provisions of this Agreement or law.

11. Contractor shall comply with all federal, state and local laws and ordinances, including but not limited to the City's storm water regulations, as may be applicable to the performance of services under this Agreement. Failure to comply with local ordinances may result in monetary fines and cancellation of this Agreement. Refer to www.roseville.ca.us/stormwater for links to more information on the City's storm water regulations.

12. In the event that the terms of any attachment or exhibit conflict with any terms of this Agreement, the terms of this Agreement shall control.

13. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.

14. If either party commences any legal action against the other party arising out of this Agreement or the performance thereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorneys' fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

15. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

16. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

17. For purposes of this Agreement, the terms "Contractor," "Consultant," and "Supplier" are used interchangeably.

18. No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this agreement, Contractor and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

19. Contractor must submit all claims as defined in and in accordance with the claim resolution process set forth in Section 9204 of the Public Contract Code. Each such claim must be sent to the City by registered mail or certified mail with return receipt requested and must contain reasonable documentation to support the claim. All claims must be received prior to acceptance of the work.

20. Contractor agrees to defend and indemnify City if, despite the parties intent and practice, any venue, agency, or court with competent jurisdiction determines that Contractor and/or any of its agents, officers, employees, volunteers, independent contractors, or subcontractors, are characterized as employee(s) of City. Contractor and City agree that: (a) Contractor is free from the control and direction of City in connection with the performance of the work; (b) Contractor is providing services directly to City; (c) Contractor has and will maintain at all relevant times a business license; (d) Contractor maintains a business location that is separate from City; (e) Contractor is customarily engaged in an independently established business of the same nature as that involved in the work performed hereunder; (f) Contractor actually contracts with other businesses to provide the same or similar services and maintains a clientele without restrictions from City; (g) Contractor advertises and holds itself out to the public as available to provide the same or similar services; (h) Contractor provides its own tools, vehicles, and equipment to perform the services; (i) Contractor has negotiated its own rates; (j) Contractor set its own hours and location of work in accomplishing City's on-call needs; and (k) Contractor has the right to control the manner and means of accomplishing the result desired and exercises its own expert independent judgement.

The supplier named hereon by the acceptance of this order agrees to the provisions of this document titled "Contract Purchase Agreement" and all accompanying terms, conditions, and attachments.

Roseville Business License No. 00844343

Contractor License No. 1036647

DIR Registration No. 1000063269

Check mark the applicable company type below:

_____ **Corporation**

_____ **Limited Liability Company**

_____ **Partnership**

_V___ **Sole Proprietor**

City Reserves the right to withold any payments to contractor in the event of noncompliance with insurance requirements or if required by law.
Construction T&C
REV 5/3/18 JS

ATTACHMENT A
HUMAN RESOURCES/RISK MANAGEMENT DIVISION
INSURANCE REQUIREMENTS
AGREEMENT OVER FORMAL BID LIMIT OR INVOLVING HIGH RISK ACTIVITIES

General - Required Coverage/Documentation

- General Liability: $1 Million per occurrence /$2 Million aggregate
- Automobile Liability: $1 Million combined single limit
- Workers' Compensation: Statutory *Must provide a Waiver of subrogation
- Additional Insured Endorsement (AIE) - General Liability policy: CG 20 38 04 13 or an equivalent, blanket endorsement or section of the policy. Endorsement shall cover the City of Roseville, its officers, agents, employees and volunteers as additional insured.
- Policies must be primary and non-contributory
- A 30 day notice of cancellation must be provided
- List certificate holder as: The City of Roseville - Insurance Compliance, PO Box 100085-R1, Duluth, GA 30096

Additional Liability/Insurance Requirements if required by Agreement (and marked below):

Construction: X
General Liability:
$2 Million/occurrence
$4 Million aggregate

Design Professional:____
General Liability:
$2 Million/occurrence
$4 Million aggregate
Professional Liability:
$2 Million/occurrence

Professional Consultant:____
Professional Liability:
$1 Million/occurrence

IT Services:____
Professional Liability:
$1 Million/occurrence
No auto required

Hazardous Materials:____
Pollution Liability:
$1 Million/occurrence

Special Events/Caterers-Vendors:____
No auto required
No workers' comp required

Professional Counseling/ Psychological:____
Professional Liability:
$1 Million/occurrence
No auto required

Pyrotechnics:____
General Liability:
$5 Million/occurrence
$10 Million aggregate
Auto - $2 Million/occurrence

Chemical/Environmental:____
General Liability:
$3 Million/occurrence
$6 Million aggregate
Pollution – $2 Million/Occurrence
Auto - $2 Million/Occurrence

Insurance Submission Process

The City of Roseville Human Resources/Risk Management Department uses a service called EBIX to manage our insurance certificate tracking.

How It Works

- The vendor's contact information is entered into EBIX. EBIX will contact the vendor to request proof of insurance.
- The Vendor can forward the request to their Insurance Agent(s) if necessary.
- Vendor/Insurance Agent submits insurance to EBIX by email to roseville@ebix.com or by fax to (770) 325-5727. After faxing or emailing the certificate, please DO NOT send the certificate by mail to EBIX. Please do not mail, email or fax any certificates to the City of Roseville.
- Once submitted, EBIX reviews the insurance documentation. If there are deficiencies, EBIX will send a follow up letter or email requesting additional information.

Questions Regarding Insurance Submission: Contact EBIX at (951) 652-4239
Questions Regarding Insurance Requirements Contact Risk Management at (916) 774-5202

Asbestos-Containing Materials in City-Owned Buildings

California Health and Safety Code Section 25915 requires that all City of Roseville employees, contractors and lessees be notified annually of the presence of asbestos in City-owned buildings constructed prior to 1979. Please post this notice in an area(s) accessible to all employees, contractors and lessees. Contact Facility Maintenance & Operations at (916) 774-5740 for more information about Asbestos Containing Materials (ACMs) in specific City-owned buildings. For more information about asbestos refer to the OSHA website.

The City of Roseville is committed to maintaining a safe and healthy work environment. The City's Facility Maintenance & Operations staff conducts ongoing inspections to identify and safely manage previously installed asbestos-containing products. Renovation of City-owned buildings **MUST** be reviewed in advance by Facility Maintenance & Operations to ensure the City is in compliance with building codes, Americans with Disabilities Act and that no ACMs are disturbed without proper safeguards. Work that requires removal or repair of ACMs is restricted to trained and qualified persons only. **Facility Maintenance & Operations will need to approve the qualified contractors**.

Use the following measures to protect you and others from exposure to airborne asbestos:

- Presume all building materials contain asbestos until determined otherwise by Facility Maintenance & Operations.
- Do not install walls, closets, cabinets, ceilings.
- Do not remove, cut, drill, sand, grind or otherwise disturb any material in the buildings, including carpet and tile.
- Do not paint (this includes any walls, ceilings, floors and electrostatic painting of office furniture).
- Do not remove any items nailed or screwed to the walls (this includes pictures, cabinets, electrical, etc.).
- Do not go above ceilings, behind walls or into building spaces such as attics and crawlspaces unless these areas have been inspected and cleared by Facility Maintenance & Operations.
- Do not pull cable or wiring through above-ceiling spaces with asbestos.
- Do not install screws, pins, nails or hangers into asbestos ceiling or wall plaster.
- Be careful not to damage walls, ceilings or floors when moving furniture or equipment. It is recommended that Facility Maintenance & Operations be contacted prior to moving furniture or equipment.
- Do not brush, sweep or vacuum textured asbestos ceiling plaster or plaster debris.
- Immediately report any damage or deterioration of suspect building materials to Facility Maintenance & Operations or Risk Management.

It is important to note that the presence of asbestos does not mean you have been exposed. Exposure results when friable asbestos particles are inhaled or ingested. Asbestos becomes friable when material containing asbestos is drilled, sanded or disturbed by remodeling or demolition work or when the ACM has deteriorated. Intact, bonded, sealed or undisturbed asbestos does not pose a hazard.

Employees may review the asbestos survey reports, results of bulk sampling or air monitoring conducted in City-owned buildings. All asbestos data will be available by appointment with Facility Maintenance & Operations.

Facilities Built Pre 1979 That May Contain Asbestos	Year Built
Downtown Library - 225 Taylor Street 95678	1974
Carnegie Museum - 557 Lincoln Street 95678	1912
Tower Theatre - 415 Vernon Street 95678	1940
Fire Station #3 - 1300 Cirby Way 95661	1963
Old Corp Yard - 100 Old Corp Yard Road 95678	1940
Water Treatment Plant Operations Bldg.- 9595 Barton Road 95746	1965
Waste Water Treatment Plant Operations Bldg. - 1800 Booth Road 95747	1962
Royer Recreation Bldg. - 190 Park Drive 95678	1950
Fire Museum - 400 Lincoln Street 95678	1930
Diamond Oaks Golf - 349 Diamond Oaks Road 95678	1965
Johnson Pool, 4th & D Street	1950
330 Vernon Street	1940
107 Sutter Avenue	1962

Sign to acknowledge receipt of asbestos notification:

SIGNATURE	
COMPANY NAME	DK Construction
DATE	03.25.2021

Asbestos
Rev 01/16/19

Supplier	
Signature:	
Print Name:	O.K construction Oleg. Kovrizhnykh
Title:	owner

Supplier	
Signature:	
Print Name:	
Title:	

City of Roseville, A Municipal Corporation	
Signature:	
Print Name:	Dominick Casey
Title:	City Manager

ORDINANCE NO. 6358

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2020-21, is hereby amended as listed on the attached budget adjustment for the 316 Vernon Street Front Counter Security & CARES ACT COVID-19 Renovation Project.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE:	Dan Allen, Facility Manager	FISCAL YEAR:	2020-21
PREPARER NAME & TITLE:	Rodney Funke, Management Analyst II	COUNCIL DATE (if applicable):	5/7/2021
DEPARTMENT/DIVISION:	Public Works / Building Maintenance	ORDINANCE:	

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
2801	6587	84001	500122	93,294	Increase project capital budget for Alternative Transportation - Housing Front Security Renovation Project (500122)
2801	5080	84001	500122	23,324	Increase project labor budget for Alternative Transportation - Housing Front Security Renovation Project (500122)
			TOTAL	116,618	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
2801	4401	54011		116,618	Increase revenue budget in Housing Authority Fund (CARES Act function Code 39805)
			TOTAL	116,618	

NET ADJUSTMENT	-	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
			TOTAL	-	

Justification for Budget Adjustment:

The Alternative Transportation and Housing Front Counter Security Renovation Project (500122) was included in the Fiscal Year (FY) 2020-21 budget at $175,000 from the Facility Rehabilitation Fund (4065) ($87,500), Transit Fund (6511) ($43,750) and Transportation Fund (6520) ($43,750). The final cost proposal came in at $381,480 or $206,480 over budget. This cost proposal includes $289,000 for construction, $28,900 for project contingency, and $63,580 in city staff time. Staff recommends that $116,618 in available Housing Authority CARES Act Funds (2801) be utilized to support this project. The remaining balance of $89,862 will come from the Transit Fund ($44,931) and Transportation Fund ($44,931), approved in a separate budget adjustment.

REQUIRED APPROVALS:

Jason Shykowski — Digitally signed by Jason Shykowski Date: 2021.04.13 09:47:25 -07'00'

REQUESTING DEPARTMENT HEAD / DESIGNEE — DATE

Scott Pettingell — Digitally signed by Scott Pettingell Date: 2021.04.13 11:01:41 -07'00'

BUDGET MANAGER / DESIGNEE — DATE

CHIEF FINANCIAL OFFICER / DESIGNEE — DATE

CITY MANAGER / DESIGNEE — DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY — DATE

Revised: June 24, 2019

HOUSING AUTHORITY OF THE CITY OF ROSEVILLE

RESOLUTION NO. 4-21

APPROVING A BUDGET ADJUSTMENT FOR
FISCAL YEAR 2020-21

WHEREAS, the Housing Authority of the City of Roseville has reviewed the proposed Housing Authority Budget Adjustment, for the 316 Vernon Street Front Counter Security & CARES ACT COVID-19 Renovation project.

NOW, THEREFORE, the Housing Authority of the City of Roseville does hereby approve the Housing Authority Budget Adjustment of $116,618.

PASSED AND ADOPTED by the Housing Authority of the City of Roseville this _____day of_____, 2021, by the following vote on roll call:

AYES AUTHORITY MEMBERS:

NOES AUTHORITY MEMBERS:

ABSENT AUTHORITY MEMBERS:

_____
CHAIRMAN

_____
Secretary

EXHIBIT “A”

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE:	Dan Allen, Facility Manager	FISCAL YEAR:	2020-21
PREPARER NAME & TITLE:	Rodney Funke, Management Analyst II	COUNCIL DATE (if applicable):	5/7/2021
DEPARTMENT/DIVISION:	Public Works / Building Maintenance	ORDINANCE:	

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
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Fund	Account	Center	Project	Adjustment	
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NET ADJUSTMENT	-	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
			TOTAL	-	

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BUDGET MANAGER / DESIGNEE — DATE

CHIEF FINANCIAL OFFICER / DESIGNEE — DATE

CITY MANAGER / DESIGNEE — DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY — DATE

Revised: June 24, 2019

COUNCIL COMMUNICATION

CC #: 1436
File #: 0900-04-02

Title:	On-Call Roadway and Trail Maintenance Services - Approval of Project Manual and Authorization to Call for Bids
Contact:	Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.2.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council approve the Project Manual, including the Special Provisions, for the On-Call Roadway and Trail Maintenance Services and authorize staff to call for bids.

BACKGROUND

The City has a proactive residential street and trail maintenance program designed to seal, protect, and preserve existing pavement by completing affordable asphalt resurfacing at 7 to 10 year intervals. This keeps the City streets and trails in good condition and avoids pavement failure that would require more costly rehabilitation or reconstruction. The intent of this service contract is to reduce procurement time and costs while increasing staff efficiency with planning and constructing preventative maintenance projects mainly on the City's residential roadway and trail networks. Some initial projects identified for this contract are phase one of the Sun City Neighborhood Resurfacing Project and resurfacing of the Hillcrest neighborhood following a waterline rehabilitation project currently under construction.

Possible future contracts include additional phases of resurfacing in the Sun City neighborhood and planned resurfacing in the Roseville Heights and Los Cerritos neighborhoods. With the aid of the City's pavement management system software, staff will plan resurfacing projects that optimize the use of available funding to preserve the City's existing roadway infrastructure. The contractor selected for this work will be utilized on an on-call/as-needed basis for work throughout the City. While approval of this item will approve the construction contracts for many future year resurfacing projects, staff will keep Council informed of planned resurfacing through Council staff reports, GIM's, and budget adjustment requests to fund the resurfacing work.

Construction of the first resurfacing project with this on-call contract is anticipated to begin in the summer of 2021 and be completed in the winter of 2021.

Contract Documents, including material specifications and estimated quantities, have been

completed and are available electronically for review.

Public Outreach

Public Affairs & Communications Department staff will inform residents and businesses about project benefits and construction impacts through a variety of methods that may include, but are not limited to: signage, social media, web, and email notifications. Informational mailers and/or door hangers may be distributed to residents and businesses near construction activities. Communication will vary by project.

FISCAL IMPACT

The engineer's estimate for the annual contract is $6.4 million. Funding sources identified for use on this contract include State Gas Tax, Highway Users Funds, SB-1 Road Maintenance and Rehabilitation Account, and the Local Transportation Fund. Funds will be allocated based on Council approved Capital Improvement Program (CIP) project budgets. No General Fund resources will be used.

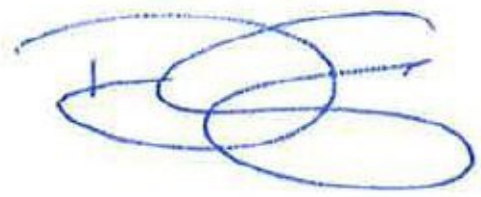
ENVIRONMENTAL REVIEW

The proposed project involves the repair, maintenance, and minor alteration of an existing facilities. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

Respectfully Submitted,

Jesse Khatkar, Assistant Engineer

Jason Skykowski, Public Works Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Project Manual



Streets & Bridges
Project Manual

Name of project:

On-Call Roadway and Trail Maintenance Services

Department:

Public Works

CITY OF ROSEVILLE
CALIFORNIA

Notice to Contractors, Proposal, and Special Provisions for the

On-Call Roadway and Trail Maintenance Services

Public Works – Engineering

Pre-Bid information can be found at:
roseville.ca.us/business/bids_rfps_rfqs_and_rfis.asp

Approval Recommended By/ Engineer In Responsible Charge:



Stefanie Kemen
Engineering Manager
City of Roseville
RCE 72653

Approved By:

Jason Shykowski
Public Works Director
City of Roseville
RCE 58234

Bids Due: May 25th, 2021

Contract:
400139

For use in connection with the State of California Standard Specifications dated May 2015, Standard Plans dated May 2015, Labor Surcharge and Equipment Rental Rates

311 Vernon Street ● Roseville, California 95678–2649
www.roseville.ca.us/engineering

CITY OF ROSEVILLE CALIFORNIA

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Assembly Bill No. 626	AB 626
Special Provisions (if applicable)	SP
Construction Details	CD

CITY OF ROSEVILLE

DEPARTMENT OF PUBLIC WORKS

Name of Project: ON-CALL ROADWAY AND TRAIL MAINTENANCE SERVICES

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposal will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until **Tuesday May 25th, 2021 at 3:00 p.m.** Late proposals will be rejected. No exceptions.

The Proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville at **3:05 p.m. on Tuesday May 25th, 2021** at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project: **On-Call Roadway and Trail Maintenance Services**.

A pre-bid meeting will be held at **N/A**.

A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained on-line from the City of Roseville's website at https://www.roseville.ca.us/business/procurement_services/bids_rfps. All communications relative to this project shall be conducted through Public Purchase.

Bids shall be submitted on the City's Proposal Forms included in the Project Manual, plainly endorsed with the Bidder's name together with signed acknowledgement of any and all addenda. Proposal Forms shall be securely sealed in a suitable envelope marked with the name and address of the Bidder, and marked in capital letters on the front and back of the envelope as follows:

ON-CALL ROADWAY MAITENANCE

(Name of Bidder)

(Address of Bidder)

Whether mailed or personally delivered, all bids shall be addressed to the City of Roseville, Office of the City Clerk, 311 Vernon Street, Roseville, California, 95678.

Each bid must be accompanied by a Bid Guaranty in the form of a Certificate of Deposit, Certified or Cashier's Check, Bidder's Bond or Irrevocable Standby Letter of Credit in an amount equal to at least ten percent (10%) of the Bidder's Grand Total Price. The Bid Guaranty will be retained by the City and applied to any and all damages sustained by the City in the event that the successful Bidder fails or refuses to enter into the Contract awarded to it and to furnish all required bonds and Certificates of Insurance. The City intends to award the Contract to the lowest responsible Bidder based on the Grand Total Bid Price for all components of the Project. To the extent allowed by law, the City reserves the right to reject any and all bids and/or to waive any irregularities or informalities in any bid or in the bidding procedure. The City specifically reserves the right to not award the Contract after the opening of bids.

Any bid may be withdrawn at any time prior to the time fixed in the public notice for the deadline submission of bids only by written request for the withdrawal of the bid filed with the City Clerk. The request shall be executed by the Bidder or his or her duly authorized representative. The withdrawal of a bid does not prejudice the right of the Bidder to file a new bid by the submission deadline. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after the deadline submission of bids nor may any bid be withdrawn after the time fixed in the public notice for deadline for

submission of bids. Immediately following the deadline for submission of bids all bids shall become the property of the City of Roseville and the City is under no obligation to return bids.

Bids will be examined and reported to the City Council within sixty (60) business days after the bid opening. Except as permitted by applicable law, no Bidder may withdraw its bid for a period of sixty (60) business days after the date of bid opening. Each Bidder will be notified of any award of the Contract by the City.

The City will affirmatively ensure non-discrimination on the basis of one or more of the following: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, age, sexual orientation, or military and veteran status in the award and administration of contracts that it awards.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit certain securities in lieu of the City withholding retention of payments during the Project.

The City has determined that the Contractor shall possess a valid **Class A, General Engineering** Contractor's license at the time that the bid is submitted, as well as any other license classification as may be required by the laws of the California for the performance of the work specified in the Contract Documents. Said license shall be maintained during the Contract period. Failure to possess the specified license shall render the bid nonresponsive and will act as a bar to the award of the Contract to any Bidder not possessing such a license at the time of bid submittal. The Contractor shall provide certification of the license, its number and the expiration date on the proposal form.

The work is to be done in Placer County. Pursuant to California Labor Code Section 1773, the City has ascertained the General Prevailing Rate of Wages in the County in which the work is to be done to be as determined by the Director of Industrial Relations of the State of

California. The Contractor is hereby made aware that information regarding prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm. The Contractor is required to post a copy of the applicable wage rates at the job site. Attention is directed to Section 7 "Legal Relations and Responsibility" of the Standard Construction Specifications.

Pursuant to Labor Code Section 1771.1(b), notice is hereby given that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in Labor Code Sections 1720, et seq., unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5 or exempt from registration requirements pursuant to Labor Code Section 1725.5(f). It is not a violation of Labor Code Section 1771.1 for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform work pursuant to Labor Code Section 1725.5 at the time the contract is awarded or is exempt from registration requirements pursuant to Labor Code Section 1725.5(f). The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

All questions prior to the deadline for bid submissions shall be directed to the attention of Jesse Khatkar, Assistant Engineer via Public Purchase. The deadline for submissions of questions and clarifications regarding the Contract Documents is **Monday May 19th, 2021**. Only Addenda issued by the City are binding.

_____

City Clerk, City of Roseville

Dated: _____

Published: _____

INSTRUCTIONS TO BIDDERS

SECTION 1. GENERAL

1-1.01 **GENERAL.** These Instructions to Bidders form a part of the Contract Documents. Capitalized terms are defined in Standard Construction Specifications Section 1.

1-1.02 **EXAMINATION OF PLANS AND CONTRACT DOCUMENTS.** The Bidder shall examine carefully the Contract Documents, including these Instructions to Bidders, and shall inform itself of the conditions relating to the execution of the Work. Failure to do so will not relieve the successful Bidder of its obligation to enter into an Agreement and complete the Work in strict accordance with the Contract Documents. Conditions relating to the execution of the Work include the requirements of federal, state, and local laws, statutes and ordinances relative to the execution of Work, including, but not limited to, applicable regulations concerning prevailing wage rates, non-discrimination in the employment of labor, protection of the public, employee health and safety, and environmental protection.

The submission of a bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work to be performed, the quantities of materials to be furnished, and as to the requirements of all the Contract Documents.

1-1.03 **EXISTING INFORMATION.** Where the Department has made investigations of site conditions, including subsurface conditions in areas where Work is to be performed under the Contract, such investigations are made only for the purpose of study and design. City does not represent that such conditions as found in these investigations or inferences or conclusions drawn as a result of these investigations will represent actual site conditions and hereby disclaims any liability as a result of Contractor's or Bidder's reliance on

such investigations. Where such investigations have been made, Bidders or Contractors may, upon written request, inspect the records of the Department as to such investigations subject to the conditions set forth in these Instructions to Bidders. Such inspection of records may be made only at the location noted above. The records of such investigations are not a part of the Contract Documents and are shown solely for the convenience of the Bidder or Contractor. The City assumes no responsibility whatsoever with respect to the sufficiency or accuracy of the investigations made, the records thereof, or of the interpretations set forth therein or made by the City in its use thereof. The City makes no warranty or guarantee, either express or implied, that the conditions indicated by such investigations or records are representative of those existing throughout such areas, or any part thereof, or that unforeseen developments may not occur, or that materials other than, or in proportions different from those indicated, may not be encountered.

No information derived from such inspection of records of investigations or compilation thereof made by the City, the Department or from the Engineer, or his or her assistants, will in any way relieve the Bidder or Contractor from properly examining the site and making such additional investigations as it may elect, or from properly fulfilling the terms of the Contract.

SECTION 2: BID REQUIREMENTS

2-1.01 **PROPOSAL FORMS.** The Department will furnish to each Bidder standard Proposal Forms, which, when filled out and executed may be submitted as the bid. Proposals shall include all pages in the Project Manual with page numbers marked "PROP" plus the Addendum acknowledgment form (front sheet) from all Addenda received by the Bidder. Proposals shall be removed from the Project Manual. The full Project Manual shall not be submitted with the proposal. Bids not presented on forms so furnished will be disregarded.

The Proposal and one (1) copy thereof shall be submitted as directed in the "Notice to Contractors" under sealed cover plainly marked as a Proposal, and identifying the project to which the Proposal relates and the date of the bid opening therefor. Proposals which are not properly marked may be disregarded.

All blank spaces in the Proposal must be completed, as required, in ink. All price information shall be shown, clearly legible, in figures where required.

The Bidder shall sign the Proposal in the blank space provided therefor. If the Bidder is the sole owner, the Proposal shall be signed by the owner. If the Bidder is a corporation, the legal name of the corporation and its State of incorporation shall be set forth and the Proposal shall be signed by at least two officers authorized to sign contracts on behalf of the corporation. If the Bidder is a partnership, the true name of the firm shall be set forth, the names and addresses of all partners shall be given and the Proposal shall be signed by a partner in the firm authorized to sign contracts on behalf of the partnership. If the Bidder is a joint venture, the Proposal shall be signed on behalf of each participating company by officers or other individuals who have the full and proper authorization to do so. If the Proposal is signed by an agent of the Bidder other than an officer of a corporation or a member of a partnership, a notarized Power of

Attorney must be on file with the City prior to opening of bids or must be submitted with the Proposal. If requested by the City, the Bidder shall promptly submit evidence satisfactory to the City of the authority of the person signing the Proposal.

2-1.02 **SUBMISSION OF BIDS.** Bids must be submitted at the prescribed time and location specified in the Notice to Contractors. Any submission received after the prescribed time shall be rejected, regardless of whether or not bids are opened exactly at the prescribed time.

Any unauthorized conditions or qualifications entered on, or changes made to, the Proposal may render it invalid and may cause its rejection.

No telegraphic, telephonic, or facsimile or other electronically transmitted bids will be considered.

2-1.03 **REQUIRED LISTING OF PROPOSED SUBCONTRACTORS.** Each Proposal shall list the name, address and Contractor license number of each Subcontractor to whom the Bidder proposes to subcontract portions of the Work in an amount in excess of one-half of one percent (0.5%) of its total bid, in accordance with Section 4100 to 4114, inclusive, of the Public Contract Code for the State of California. The Bidder shall list the Subcontractor's license number and the portion of the Work that will be done by each Subcontractor. If the Bidder fails to specify a Subcontractor for any portion of the Work, the Bidder agrees to perform that portion of the Work itself, and represents that it is qualified to perform that portion of the Work itself. The Bidder's attention is invited to other provisions of the Public Contract Code related to the imposition of penalties for a failure to observe its provisions by using unauthorized Subcontractors or by making unauthorized substitutions.

2-1.04 **CONTRACTOR'S LICENSING LAWS.** Attention is directed to the provisions of Business and Professions Code Chapter 9 of Division 3 concerning the licensing of Contractors.

All Bidders at the time of bid submittal shall be licensed as Contractors in accordance with the laws of this State. Any Bidder or Contractor not so licensed is subject to the penalties imposed by such laws. The form of Contractor's license required is stated in the Notice to Contractors, provided that the City makes no representation as to whether the State may require other or additional licenses. It is the Bidder's and Contractor's responsibility to obtain the correct Contractor's licenses. Bidders shall be skilled and regularly engaged in the general class or type of Work called for under this Contract.

All Bidders and Contractors, including Subcontractors, shall have a current City business license before undertaking any Work.

2-1.05 **NONCOLLUSION DECLARATION.** By submitting a bid, the Bidder represents and warrants that such bid is genuine and not a sham or collusive or made in the interest or on the behalf of any person therein named, and that the Bidder has not, directly or indirectly, included or solicited any other Bidder to put in a sham bid, or any other person, firm, or corporation to refrain from bidding, and that the Bidder has not in any manner sought collusion to secure the Bidder an advantage over any other Bidder.

Bidders shall submit a properly completed and executed "Noncollusion Declaration" in the form required by Public Contract Code Section 7106 and provided with the Proposal (PROP-11).

2-1.06 **DISQUALIFICATION, REMOVAL OR OTHER PREVENTION OF BIDDING.** A bid may be rejected on the basis of a Bidder, any officer of such Bidder, or any

employee of such Bidder who has a proprietary interest in such Bidder, having been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local project because of a violation of law or a safety regulation.

2-1.07 **PROPOSAL GUARANTY.** All bids shall be accompanied by one of the following forms of Bidder's security: Cash, a cashier's check, a certified check, or a Bidder's bond executed by an admitted California surety insurer, made payable to the City of Roseville, or any other form of security deemed acceptable by the City Attorney. The security shall be in an amount equal to at least ten percent (10%) of the Annual Not-To-Exceed Amount. A bid will not be considered unless one of the form of Bidder's security is enclosed with it.

A Bidder's bond shall conform to the City's bond form in the Proposal and shall be properly filled out and executed.

2-1.08 **SCHEDULE OF BID PRICES.** Bidders are directed to submit firm unit and lump sum prices for all Work set forth in the Contract Documents on the Proposal Form entitled "Schedule of Bid Prices."

Unit prices and lump sum prices, as indicated, must be entered in the appropriate spaces provided in the Schedule of Bid Prices. If applicable, unit prices shall be multiplied by the quantities shown, and the total shall be inserted in the Amount column. In the event of any error or discrepancy between the unit price and the calculated amount, the unit prices shall govern. The City may correct any mathematical errors apparent on the face of the bid.

The amounts shown in the Amount column must be added together in arriving at the Annual Not-To-Exceed Amount.

Amounts for Allowance bid items must be entered in the exact amount in the Amount column.

The prices included within the Schedule of Bid Prices shall include all costs for labor, materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment, delivery, overhead, profit, and all other costs necessary to perform the Work in accordance with the Contract Documents.

The Annual Not-To-Exceed Amount shall be indicated in the Summary table form included with the Schedule of Bid Prices. The Annual Not-To-Exceed Amount shall be the sum of the amounts bid for each of the designated portions of the Work, as more specifically described on the Schedule of Bid Prices form itself.

Full compensation for complying with the Contract Documents, including requirements of the Standard Specifications, the Standard Construction Specifications, Supplemental Conditions, and all warranties, shall be considered included in the bid items and no additional compensation shall be allowed therefor.

Full compensation for completion of all work as shown on the plans, as specified in the Specifications, and as directed by the City, shall be considered included in the bid items and no additional compensation shall be allowed.

Bidders are strongly discouraged from submitting unbalanced bids. As used herein, the term “unbalanced bid” is defined as any bid that does not include a reasonable proportionate allocation of indirect costs and profit of each bid item indicated in the Schedule of Bid Prices. The City reserves the right to reject any unbalanced bid if the City determines that there is a reasonable doubt that an acceptance of the bid will not result in the lowest ultimate cost to the City with regard to the work or a disproportionate distribution of contract funds.

All bid quantities are estimates on an annual basis and are not guaranteed. The City reserves the right to delete any bid item in its entirety and/or significantly reduce the quantity of

Work under a bid item. The City makes no representation that any Work under a bid item will be performed during the course of the Project or that the Work will be performed at the quantities included in the Schedule of Bid Prices. As provided in the Standard Construction Specifications, for any deleted Work, Contractor shall not be entitled to payment of the indirect costs and profit included for said bid item. All bid items shall be considered distinct and severable from the remaining bid items, and each Bidder acts at its peril if its bid is unbalanced.

The City shall compare bids on the basis of the Grand Total Bid Price, which includes the base bid and any alternates designated on the Schedule of Bid Prices. Alternates may or may not be awarded, or may be awarded in any combination, at the City's discretion.

2-1.09 **WITHDRAWAL OF PROPOSALS.** Any bid may be withdrawn at any time prior to the time fixed in the Notice to Contractors for the opening of bids, provided that a request in writing, executed by the Bidder or its duly authorized representative, for the withdrawal of such bid is filed with the City Clerk. Facsimile and electronic mail requests are not acceptable. The withdrawal of a bid shall not prejudice the right of a Bidder to file a new bid. The withdrawal of any bid after the time fixed in the Notice to Contractors for the opening of bids will not be permitted.

2-1.10 **ADDENDUM.** Proposals shall include all costs and account for all Addenda issued prior to opening of bids. The Bidder is responsible for verifying that all issued Addenda have been received. An Addendum acknowledgment form for each Addendum shall be included as part of the Proposal submittal.

2-1.11 **PUBLIC OPENING OF PROPOSALS.** Proposals will be publicly opened and read at the time and place indicated in the Notice to Contractors. Bidders or their authorized agents are invited to be present.

2-1.12 **TRENCHING AND EXCAVATION WORK.** In accordance with the provisions of California Labor Code Section 6707, if the Work involves construction of a pipeline, sewer, sewage disposal system, boring or jacking pits, or similar trenches or open excavations, which are five feet (5') or deeper, each bid submitted shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for the protection of life or limb, which shall conform to all applicable safety orders.

SECTION 3: EVALUATION OF BIDS

3-1.01 **BID EVALUATION PROCESS.** Bids will be evaluated to determine the apparent low Bidder. The apparent low Bidder will be determined on the basis of the Annual Not-To-Exceed Amount, as shown in the Schedule of Bid Prices. If additive or deductive alternates are used in the Schedule of Bid Prices, the apparent low Bidder will be the Bidder with the lowest total of the bid prices for base contract items plus the alternates designated by the City as those that will be used for determining the lowest bid price. However, the City reserves the right to (1) not award any alternates or (2) award any combination of alternates.

In case of discrepancy between the total of the base contract items and any specified alternates and the stated Annual Not-To-Exceed Amount, the total of the base contract items plus specified alternates shall prevail. Any mathematical errors that appear on the face of the bid will be corrected by the City and the City will use the mathematically corrected addition. For example, if the mathematical total of Bidder's base contract items plus specified alternates equals $1,000,000, but the Bidder has written $1,250,000 as the Grand Total Bid Price, the City will consider $1,000,000 to be the Bidder's Grand Total Bid Price for purposes of comparison to other Bidders and actual bid award. The City reserves its rights to reject or accept bids based on discrepancies between the stated Grand Total Bid Price and the actual mathematical total of the base contract bid items, plus specified alternates.

3-1.02 **REJECTION OF IRREGULAR PROPOSALS.** Proposals may be rejected in the City's sole discretion if they show any alterations of form, additions not called for, conditional bids, incomplete bids, erasures, or irregularities of any kind. However, the City reserves the right to waive any minor irregularities and informalities in any bid or in the bid procedure for any reason.

3-1.03 **COMPETITIVE BIDDING.** If more than one proposal is offered by any individual, firm, partnership, corporation, association, or any combination thereof, under the same or different names, all such proposals may be rejected. A party who has quoted prices on materials or Work to a Bidder is not thereby disqualified from quoting prices to other Bidders, or from submitting a bid directly for the materials or Work.

All Bidders are put on notice that any collusive agreement to control or affect the awarding of this Contract is in violation of the competitive bidding requirements of the City Charter, State Contract Act and the Business and Professions Code and may render void any Contract let under such circumstances.

3-1.04 **RELIEF OF BIDDERS.** If the Bidder claims a mistake was made in its bid, the Bidder shall give the Department written notice within five (5) Days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred. No relief from a claimed mistaken bid shall be granted unless such mistake clearly appears on the face of the bid submitted to the City. Claimed mistakes on backup worksheets, spreadsheets, computerized bidding programs, or any other similar calculative bidding mistake which is not apparent on the face of the bid shall not under any circumstance be considered as a basis for relief. The burden of proving the occurrence of a mistake entitling a Bidder to relief from its bid rests entirely on the Bidder. Relief from bids shall be in the City's sole discretion.

SECTION 4: AWARD AND EXECUTION OF CONTRACT

4-1.01 **AWARD OF CONTRACT.** The City reserves the right to reject any and all proposals and to award (or not award) any combination of bid items at its option. Any such award will be to the lowest responsible Bidder whose proposal complies with the requirements prescribed for the bid items awarded. Such award, if made, will be made within sixty (60) business days after the opening of the proposals. If the lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the second lowest responsible Bidder. Such award, if made, will be made within eighty-two (82) business days after the opening of proposals. If the second lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the third lowest responsible Bidder. Such award, if made, will be made within one hundred four (104) business days after the opening of the proposals. The above time periods within which the award of Contract may be made are subject to extension for such further period as may be agreed upon in writing between the City and the Bidder concerned.

4-1.02 **RETURN OF BIDDER'S SECURITIES.** Within ten (10) Days after the award of the Contract, the City Clerk will return all Bidders' securities, other than Bidders' bonds, accompanying the proposals that are not to be further considered in making the award. Retained Bidders' securities will be held until the Contract has been fully executed, after which all Bidders' securities, except Bidders' bonds and any Bidders' securities that have been forfeited, will be returned.

4-1.03 **CONTRACT BONDS.** The successful Bidder shall furnish two (2) bonds in the form contained in the section entitled Insurance Broker Information Packet and Bonds. One (1) bond shall secure the payment of the claims of laborers, mechanics or materialmen employed on the Work under the Contract, and the other bond shall guarantee the faithful performance of the Contract.

Each of the two (2) bonds shall be in a sum equal to one hundred percent (100%) of the Annual Not-To-Exceed Price. If the Annual Not-To-Exceed Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly. Sureties on each of said bonds shall be satisfactory to the City.

All alterations, extensions of time, extra and additional Work, and other changes authorized by the Standard Specifications, the Standard Construction Specifications, the Supplemental Conditions or any part of the Contract may be made without securing the consent of the surety or sureties on the Contract bonds.

Furthermore, the successful Bidder shall furnish a certificate from the County Clerk as required by California Civil Code of Procedure Section 995.660(a)(3).

4-1.04 **INSURANCE.** At the time of the execution of the Contract, the Contractor shall, at its own expense, procure, and at all times during the prosecution of the Work maintain in full force and effect Worker's Compensation Insurance, and Liability Insurance as specified in the Standard Construction Specifications. The Contractor shall provide a Certificate of Insurance in the form contained in the section entitled Insurance Broker Information Packet.

4-1.05 **EXECUTION OF CONTRACT.** The Contract shall be signed by the successful Bidder and returned, together with all the required Contract bonds and insurance

certificates, within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City.

If the Bidder is an individual, the Contract shall be executed personally by the Bidder. If the Bidder is a partnership, it is desirable that the Contract be executed by all of the partners, but it may be executed by one of them. If the Bidder is a corporation, it must be executed by two officers of the corporation consisting of (1) the chairman of the board, president or vice president; and (2) the secretary, assistant secretary, chief financial officer, treasurer or assistant treasurer, or by a person authorized by the corporation to execute written contracts on its behalf, and the corporate seal affixed thereto. In the alternative, a person other than an officer may sign the Contract, provided evidence satisfactory to the City is provided indicating the individual's authority to bind the corporation. If the corporate seal is not affixed to the Contract, or if it is executed by a person other than officers, or only by one officer, there must be attached to the Contract a certified copy of a resolution of the corporation authorizing such officer or person to execute written contracts for and on behalf of the corporation. If the Bidder is a joint venture, the Contract must be executed on behalf of each participating firm by officers or other individuals who have the full and proper authorization to do so.

4-1.06 **FAILURE TO EXECUTE CONTRACT.** Failure of the lowest responsible Bidder, the second lowest responsible Bidder, or the third lowest responsible Bidder to execute the Contract and file acceptable bonds and insurance as provided within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City, shall be just cause for annulment of the award and forfeiture of the Bidder's security. The successful Bidder may file with the City Clerk a written notice, signed by the Bidder or Bidder's authorized representative, specifying that the Bidder will refuse to execute the Contract if presented to

Bidder. The filing of such notice shall have the same force and effect as the failure of the Bidder to execute the Contract and furnish acceptable bonds within the time prescribed.

SECTION 5: BID PROTEST PROCEDURES

5-1.01 **POLICY/PROCEDURES.** It is the policy of the City to consider fully and adjudicate promptly protests filed by prospective Bidders relating to the City's bidding procedure or award of the Contract. Protests shall be filed and processed in accordance with Section 4.12.150 of the Roseville Municipal Code. A Bidder's failure to follow the bid protest procedures may result in rejection of the protest by the City.

PROPOSAL TO THE DEPARTMENT OF _____

Project:_____

Name of Bidder _____ Business Phone _____

Business Address _____

Place of Business _____

Contractor's License No. _____

License Expiration Date_____

License Classification Type _____

DIR Registration No. _____

Type of business organization: _____

*If a Corporation, incorporated under the laws of the State of: _____

The undersigned Bidder herewith submits this Proposal and binds itself on award by the City of Roseville under this bid to execute a Contract in accordance with its bid and the Contract Documents.

The Notice to Contractors, Instructions to Bidders, Form of Agreement, Standard Specifications, Standard Construction Specifications, Supplemental Conditions, Contract Drawings, and Addenda, if any, are made part of this bid and all provisions thereof are hereby accepted, and all representations and warranties are required thereby are hereby affirmed.

The work to be done is described in the Bidding Documents entitled _____

_____, City of Roseville, California.

This offer shall be irrevocable for a period of sixty (60) Days after the date on which bids are opened.

The undersigned Bidder understands that any clarification made to the above or any new and different conditions or information submitted on or with its Proposal, other than that requested, may render the bid non-responsive.

The undersigned, as Bidder, declares that the only persons or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other person, firm, or corporation; that the Bidder has carefully examined the location of the proposed Work, the attached Form of Agreement, and the plans, Specifications, and other Contract Documents; and agrees if this Proposal is accepted, that it will contract with the City of Roseville, in the form of a copy of the Agreement contained in the Project Manual, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the Contract Documents, in the manner and time therein prescribed, and according to the requirements of the Director, as therein set forth, and that the Bidder will take in full payment therefore prices indicated in the Schedule of Bid Items, including all work modified by addendum numbers _____. (IF NONE, STATE NONE).

Bids are required for all Bid Items. The amount of the Bid for comparison purposes will be the total of all items awarded.

The Bidder shall set forth for each item of work, in clearly legible figures, an item ("unit") price and a total for the item in the respective spaces provided for this purpose in the Schedule of Bid Items.

The prices included within the Schedule of Bid Items include all costs for labor, materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment,

delivery, overhead, profit, and for all other costs necessary to perform the Work in accordance with the Contract Documents.

Accompanying this Proposal is _____.

(Notice: Insert the words "Cash $_____," "Cashier's Check," "Certified Check," or "Bidder's Bond," as the case may be, in an amount equal to at least ten percent (10%) of the total of the Bid.)

The names of all persons interested in the foregoing Proposal as Principals, are as follows: _____

_____

_____

_____

If SOLE OWNER, execute here:

I sign as sole owner of the business named above:

_____

If PARTNERSHIP, one or more partners sign here:

The undersigned certify that we are partners in the business named above and that we sign this bid with the full authority to do so:

_____

_____

If CORPORATION, execute here:

Corporate Name: _____

Incorporated under the laws of the State of _____

The undersigned certify that they sign this bid with the full and proper authorization so to do:

By_____	By_____
*Signature of Authorized Official**	*Signature of Authorized Official**
_____	_____
Title	*Title*
_____	_____
Typewritten or Printed Name	*Typewritten or Printed Name*

If JOINT VENTURE, execute here:

Joint Venture name composed of: _____

The undersigned certify that they sign this bid with the full and proper authorization so to do:

_____	_____
*Signature of Authorized Official**	*Signature of Authorized Official**
_____	_____
Title	*Title*
_____	_____
Typewritten or Printed Name	*Typewritten or Printed Name*

*If Bidder is a partnership or Joint Venture, give the full names of all partners and/or Joint Ventures in the space provided (use additional sheet if required). If Bidder is a corporation, two signatures are required as follows: (1) the Chairman, President, or Vice-President and (2) the Secretary, Assistant Secretary, Chief Financial Officer, Treasurer, or Assistant Treasurer. In the alternative, this Agreement may be executed by a single officer or a person other than an officer provided that evidence satisfactory to City is provided demonstrating that such individual is

authorized to bind the corporation (example, a copy of a certified resolution from the corporation's board or a copy of the corporation's bylaws).

[LIST OF SUBCONTRACTORS FOLLOWS ON NEXT PAGE.]

LIST OF SUBCONTRACTORS

Contractor's Name: _____

The Bidder is required to furnish the following information in accordance with the provisions of Section 4100 and 4114, inclusive, of the Public Contract Code of the State of California. This list and information shall include all Subcontractors that perform work, provide labor or render services to the Bidder in connection with the Project in an amount in excess of one-half of one percent (0.5%) of the total amount of the Bidder Grand Total Price.

PORTION/ TYPE OF WORK	% OF CONTRACT	SUB-CONTRACTOR'S NAME	CONTRACTOR LICENSE NO.	DIR REG NO.	BUSINESS ADDRESS (CITY, STATE)

SECURITY FOR COMPENSATION CERTIFICATE

(Required by California Labor Code Section 1861)

TO: City Council
City of Roseville

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

_____

_____
(Signature of Bidder)

_____

_____
Business Address

_____
Telephone

BIDDER'S BOND

City Council of the City of Roseville

KNOW ALL MEN BY THESE PRESENTS:

That we _____

_____, as PRINCIPAL, and

_____

a, _____ and duly authorized to transact business under the laws of the State of California, as SURETY, are held and firmly bound unto the City of Roseville in the penal sum of _____ dollars ($_____), being at least TEN PERCENT (10%) OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by said Principal to the City of Roseville, acting by and through the Public Works Director, for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the Director of the Department to which said Bid was submitted, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above-mentioned Bid to the City Council of the City of Roseville, as aforesaid, for certain construction specifically described as follows, for which Bids are to be opened at the Office of the City Clerk located at 311 Vernon Street, Roseville, California, on _____, 20__ FOR

_____

(Copy here the exact title of work as it appears on the Proposal.)

NOW, THEREFORE, IF THE AFORESAID PRINCIPAL is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented for signature, enters into a written Contract, in the prescribed form, in accordance with the Bid, and files all insurance and two (2) Bonds with the Department, one (1) to guarantee Faithful Performance and the other to guarantee Payment for Labor and Materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, 20___.

_____(Seal)

_____(Seal)

_____(Seal)
Principal

_____(Seal)

_____(Seal)

_____(Seal)
Surety

_____

_____
Business Address

NOTE: To be considered complete, both the Principal and the Surety must sign this Bidder's Bond. In addition, signatures of those executing for the Surety must be properly acknowledged.

On-Call Roadway and Trail Maintenance Services

CONTRACTOR: _____

SCHEDULE OF BASE BID ITEMS

ITEM NO.	*	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	SUBTOTAL
1	(P)	Mobilization (Work Order Value less than $1,000,0000)	LS	2	$	$
2	(P)	Mobilization (Work Order Value greater than $1,000,0000)	LS	1	$	$
3	(S)	Cold Plane Asphalt Concrete (Digouts) 4-inches	SY	7,000	$	$
4	(S)	Cold Plane Asphalt Concrete 4-inches	SY	21,900	$	$
5	(S)	Cold Plane Asphalt Concrete 2-inches	SY	18,800	$	$
6	(S)	Cold Plane Asphalt Concrete at Conforms	SY	1,000	$	$
7		Roadway Execavation	CY	900	$	$
8		Unsuitable Material	CY	500	$	$
9	(S)	Hot Mix Apshalt Digouts (1/2", Type A)	TN	1,100	$	$
10	(S)	Hot Mix Apshalt (1/2", Type A)	TN	6,900	$	$
11	(S)	Micro-Surfacing (Type II)	TN	2,600	$	$
12	(S)	Slurry Seal (Type I)	TN	355	$	$
13	(S)	1/2" Ploymer Modified Asphalt Rubber (PMAR) Chip Seal (Black Rock)	SY	188,300	$	$
14	(S)	1/2" Ploymer Modified Asphalt Rubber (PMAR) Chip Seal (Black Rock) Over Paving Mat	SY	51,900	$	$

15	Paving Mat	SY	51,900	$	$
16	Adjust Utilities to Grade	EA	60	$	$
17	Detail 23	LF	500	$	$
18	Detail 39	LF	3,000	$	$
19	Detail 39A	LF	500	$	$
20	Detail 10	LF	3,000	$	$
21	Detail 4	LF	2,000	$	$
22	Detail 17	LF	2,000	$	$
23	Detail 26	LF	3,000	$	$
24	Detail 38	LF	1,000	$	$
25	Detail 37C	LF	1,000	$	$
26	Pavement Markings	SF	2,000	$	$
27	4 Inch paint Striping	LF	600	$	$
28	Paint Pavement Markings	SF	300	$	$
	TOTAL (BID ITEMS #1 TO #28)				$

NAME AND LOCATION OF BLACK ROCK AGGREGATE QUARRY: _____

* NOTES:

(F) DENOTES FINAL PAY ITEM

(P) DENOTES PARTIAL PAYMENT

(S) DENOTES SPECIALTY ITEM

NONCOLLUSION DECLARATION TO BE EXECUTED BY
BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid. The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Bidder. All statements contained in the bid are true. The Bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a Bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the Bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

_____

(Signature of Declarant)

DISQUALIFICATION QUESTIONNAIRE

The Bidder shall complete, under the penalty of perjury, the following questionnaire:

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes_____ No_____

If the answer is yes, explain the circumstances in the following space.

_____

_____

_____

_____

_____

_____

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

TITLE OF BIDDER: _____

DATE: _____

ACKNOWLEDGEMENT OF INSURANCE AND BOND REQUIREMENTS

Included in the Bid Price is full compensation for the requirements set forth in the INSURANCE BROKER INFORMATION PACKET of the Project Manual.

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

TITLE OF BIDDER: _____

DATE: _____

DISCLAIMER OF WARRANTIES AND ACCURACY OF DATA

Although soil and site investigation reports have been obtained from sources believed to be reliable, no warranty expressed or implied is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information contained therein. These reports are subject to change at any time, may be incomplete, and/or may contain errors. This information is provided for informational purposes only. The City of Roseville provides this information on an "as is" basis. Warranties of any kind, express or implied, or statutory, including but not limited to the implied warranties of merchantability, and fitness for a particular purpose ARE DISCLAIMED to any party viewing these documents or to any third party.

The City of Roseville does not accept and expressly disclaims liability to any party viewing such information, or to any third party whatsoever, for any loss, damage, or injury (including incidental or consequential damages) whether such loss, damage, or injury is the result of negligence, willful or intentional misconduct, or any other cause.

I have read and acknowledged the above disclaimer and agree to hold harmless the City of Roseville on any theory of liability for any loss, damage or injury whether in contract, strict liability or tort arising in any way out of the use or contents of the released information or documents described above or the performance of the work called for herein.

Print Name	Signature
Name of Business/Company/Corporation	Date
Address	Phone

END OF PROPOSAL

A G R E E M E N T

THIS AGREEMENT, is made and entered into this _____day of _____, 20_____, by and between the City of Roseville, a municipal corporation, ("CITY"), and _____, a _____, ("CONTRACTOR"); and

W I T N E S S E T H:

WHEREAS, the City Council of the CITY, at a meeting held on the _____day of _____, 20_____, approved plans and specifications for the _____ _____

and directed the City Clerk to advertise for sealed proposals for doing said work and providing that bids be submitted on the _____ day of _____, 20_____; and

WHEREAS, the City Clerk, thereafter duly and regularly caused a notice to be published in the manner and for the time prescribed by law; and

WHEREAS, CONTRACTOR, pursuant to the provisions of said notice duly filed a bid with the City Clerk, a true copy of which bid is now on file in the office of the City Clerk, and is hereby referred to and by this reference made a part hereof as fully as if set forth at length herein; and

WHEREAS, all bids received pursuant to said notice were opened and examined and publicly declared at the time specified in said advertisement for bids and at a meeting of the City Council held on the _____ day of _____, 20_____, the Council found and

declared the bid of CONTRACTOR to be the lowest responsible bid and thereupon awarded a contract to CONTRACTOR to do the work referred to in the aforementioned specifications.

NOW, THEREFORE, the parties agree as follows:

1. THE WORK. CONTRACTOR agrees:

a. To do the work and furnish all the labor, materials, tools, supplies, equipment, superintendence, insurance, and bonds required for the _____

_____

in accordance with the Contract Documents (the Work).

b. To do and perform the Work contemplated hereby in a good and workmanlike manner under the direction of and to the satisfaction of the Director of Public Works of the City of Roseville.

2. PAYMENT. CITY shall pay CONTRACTOR _____

_____ dollars ($_____) annually for the Work to be done under this Agreement in accordance with the Contract Documents.

3. CONTRACT DOCUMENTS. The complete Agreement between the parties hereto consists of the following documents:

a. The advertisement for bids (including the notice to bidders, instructions to bidders and proposals);

b. The accepted bid;

c. Plans and specifications (including standard construction specifications, special provisions and construction details);

d. Bonds and insurance required by the specifications; and

e. This contract.

All documents specified above are intended to operate so that any work called for in any one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

4. LIQUIDATED DAMAGES. In the event CONTRACTOR does not complete the Work within the time specified, CONTRACTOR agrees that CITY will suffer damages. Inasmuch as the actual damages which would result from such breach by CONTRACTOR under this Agreement are uncertain, and would be impractical or extremely difficult to fix, CONTRACTOR agrees that it shall pay, or CITY shall deduct from CONTRACTOR's fee, the amounts as described in section 8-1.10 of the special provisions per day as liquidated damages, in the event of such delay.

5. TIME OF COMPLETION. The Work shall be commenced upon issuance of a work order issued by the City and each task shall be completed pursuant to the schedule set forth in the work order. This contract will have an initial one year term, and will be renewable for up to four additional one-year terms at CITY's option, pursuant to the Contract Documents.

6. SERVICE OF NOTICE. Any notice required or permitted to be given under this Agreement shall be deemed given when (a) personally delivered to the recipient identified below; (b) mailed by registered or certified mail, return receipt requested, postage pre-paid, to the address specified below; or (c) sent by facsimile, with confirmation of receipt, to the facsimile number identified below.

CITY OF ROSEVILLE	CONTRACTOR
_____	_____
_____	_____
_____	_____
_____	_____

CITY may also act through either its architect or construction manager if CITY expressly gives notice to CONTRACTOR, in writing, that CITY's designee has authority to act for CITY in a specific capacity.

7. DISPUTES. Disputes arising from this Agreement will be determined in accordance with the Contract Documents and Public Contract Code Sections 10240-10240.13.

8. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

9. INDEPENDENT CONTRACTOR. CONTRACTOR shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

10. SUCCESSORS IN INTEREST. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

11. MODIFICATION. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

12. SEVERABILITY. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

13. INTEGRATED AGREEMENT. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

14. CONTRACTORS LICENSE LAW. CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE

BOARD WHICH HAS JURISDICTION TO INVESTIGATE COMPLAINTS AGAINST CONTRACTORS IF A COMPLAINT REGARDING A PATENT ACT OR OMISSION IS FILED WITHIN FOUR (4) YEARS OF THE DATE OF THE ALLEGED VIOLATION. A COMPLAINT REGARDING A LATENT ACT OR OMISISON PERTAINING TO STRUCUTRAL DEFECTS MUST BE FILED WITHIN TEN (10) YEARS OF THE DATE OF THE ALLEGED VIOLATION. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. _____, adopted by the Council of the City of Roseville on the _____day of _____, 20_____, and CONTRACTOR has caused this Agreement to be duly executed.

CITY OF ROSEVILLE, a municipal corporation

BY:_____
DOMINICK CASEY
City Manager

ATTEST:

BY:_____
SONIA OROZCO
City Clerk

_____
_____

BY: _____
its: _____

and

BY: _____
its: _____

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____
JASON SHYKOWSKI
Public Works Director

INSURANCE BROKER INFORMATION PACKET

Project: On Call Concrete Services

NOTICE TO CONTRACTOR:

For your convenience, this package contains the Requirements for Insurance and Bonds for this project, including the necessary City forms. You are required to return these forms in addition to the executed Contract within fifteen (15) calendar days after the award of the Bid, unless otherwise directed by City in writing. (See the Instructions to Bidders.)

Please insert the dollar amount of your accepted Bid into the blank on page INS-1 and present this entire package to your insurance broker if you are awarded the Bid.

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NOTICE TO INSURANCE BROKER

Your client has been awarded a bid by the City Council of the City of Roseville to perform a public works project known as _____. The Contract Conditions for that project require your client ("the Contractor") to return certain evidence of insurance and bonds to the City Attorney of the City within fifteen (15) days after the Bid award, unless otherwise directed by the City in writing, or else the Bid award may be terminated and awarded to another company.

This package contains the information you will need as an insurance broker to provide the appropriate insurance and bonds to the City. The insurance coverages the Contractor needs are specified in the section entitled "Insurance Requirements." Please note that, in addition to the insurance certificate itself, copies of several endorsements must be actually furnished.

Please refer to Special Provisions for modifications of the Standard Construction Specifications, if any, and the requirements of this insurance packet.

Please use the standard City of Roseville Bond Forms provided in this package.

The Bonds required must each be in the penal amount of: $_____.

Bonds must be sent to the following staff person:

_____

_____

_____

Insurance documents must be provided using one of the following methods:

a. By email to roseville@ebix.com and riskmanagement@roseville.ca.us

b. By fax to (770) 335-5727 and (916) 774-5461

After using one of these methods, please **DO NOT** send the insurance certificate(s) by mail.

When forwarding the documents, please refer to the project name so that the documents can be matched with the Contract for which they are submitted.

Thank you.

INSURANCE REQUIREMENTS

The following sections are quoted from the Standard Construction Specifications:

7-1.06 **INSURANCE COVERAGE.**

A. Evidence of Maintenance Required. The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B. Qualifying Insurers. With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C. Insurance Required.

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations with limits of no less than Two Million Dollars ($2,000,000) per occurrence for bodily injury,

personal injury and property damage for projects under One Million Dollars ($1,000,000) and limits of no less than Five Million Dollars ($5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars ($1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars ($1,000,000) shall cover all Contractors staff while performing any work incidental to the performance or this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars ($1,000,000) per occurrence or claim and Two Million Dollars ($2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the

Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. **Builder's Risk/Course of Construction Insurance Is ____ OR Is Not ____ Required by Risk Management:** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or pollutants, in limits not less than Two Million Dollars ($2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies.

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a "claims made" or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.

7-1.06A **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract.

Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by City in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage

for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars ($500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.

Bond No. _____
Premium $_____

PUBLIC WORKS
FAITHFUL PERFORMANCE BOND

(Project: _____)

WHEREAS, the City of Roseville ("CITY") has awarded a bid and contract to _____ as contractor ("PRINCIPAL") for the public work described as _____ _____ (the "WORK"). The contract ("AGREEMENT"), for the public work described above, and all of its terms and conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the AGREEMENT guaranteeing its faithful performance; and

NOW, THEREFORE, we the undersigned PRINCIPAL and _____ _____, a _____, admitted and duly authorized to transact business under the laws of the State of California, as SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and assigns in the sum of _____ dollars ($_____) (which amount is not less than 100% of the AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns jointly and severally, firmly by these presents.

The condition of this obligation is such that if the PRINCIPAL, or its heirs, executors, administrators, successors or assigns, shall abide by, and in all respects promptly and faithfully perform the covenants, conditions and provisions in said AGREEMENT and any alteration thereof made as therein provided, notice of which alterations to Surety being hereby waived, on its part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless CITY, its officers, agents, employees, volunteers as therein stipulated, then this obligation shall be null and void; otherwise, this obligation shall be and remain in full force and effect.

As condition precedent to the satisfactory completion of the contract, the obligation of the PRINCIPAL and SURETY under this Bond shall remain in effect for a period of one (1) year after the completion and acceptance of the WORK. During that time, if the PRINCIPAL, its heirs, executors, administrators, successors or assigns fails to make full, complete and satisfactory repair and replacement or totally protect the CITY from any loss or damage made evident during that year which results from or is caused by either defective materials or faulty workmanship in the prosecution of the WORK, then the obligation shall remain in full force and effect. However, anything in

this paragraph to the contrary notwithstanding, the obligation of the SURETY shall continue so long as any obligation of the PRINCIPAL remains.

No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

Whenever PRINCIPAL shall be and declared by CITY to be in default under the AGREEMENT, SURETY shall promptly remedy the default, or shall promptly do one of the follow at CITY's election:

1. Undertake through its agents or independent contractors, reasonably acceptable to CITY, to complete the AGREEMENT in accordance with its terms and conditions and to pay and perform all obligations of PRINCIPAL under the AGREEMENT, including without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages.

2. Reimburse CITY for all costs CITY incurs in completing the AGREEMENT, and in correcting, repairing or replacing defects in materials or workmanship and/or materials and workmanship which do not conform to the specifications in the AGREEMENT.

SURETY's obligations hereunder are independent of the obligations of any other surety for the performance of the AGREEMENT, and suit may be brought against SURETY and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing CITY's rights against the others.

No right of action shall accrue on this bond to or for the use of any person or corporation other than CITY or its successors or assigns.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

[SIGNATURES NEXT PAGE]

IN WITNESS WHEREOF, this instrument has been duly executed by the PRINCIPAL and SURETY above-named, on the ____ day of _____, 20___.

PRINCIPAL:	SURETY:
BY:_____	BY:_____
PRINT NAME: _____	**PRINT NAME:** _____
PRINT TITLE: _____	**PRINT TITLE:**_____
AND	MAILING ADDRESS:
BY: _____	_____
PRINT NAME: _____	_____
PRINT TITLE:_____	_____

(Notarization by Surety and copy of Power of Attorney required.)

APPROVED AS TO FORM:

BY: _____
City Attorney

Bond No. _____
Premium $_____

PUBLIC WORKS
LABOR AND MATERIALS PAYMENT BOND
(Project: _____)

WHEREAS, the City of Roseville ("CITY"), has awarded a bid and contract to _____ as contractor ("PRINCIPAL"), for the public work described as _____ _____ (the "WORK"). The contract ("AGREEMENT"), for the public work described above, and all of its terms and conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the AGREEMENT guaranteeing payment of persons who provide labor and material; and

NOW, THEREFORE, we the undersigned PRINCIPAL and _____ _____, a _____, admitted and duly authorized to transact business under the laws of the State of California, as SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and assigns in the sum of _____ dollars ($_____) (which amount is not less than 100% of the AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns jointly and severally, firmly by these presents.

The condition of the obligation is such that if the PRINCIPAL, its subcontractors, heirs, executors, administrators, successors or assigns fails to pay any of the persons named in Section 8004 or 9100 of the Civil Code of the State of California, or the amounts due under the Unemployment Insurance Code of the State of California, or any amounts required to be deducted, withheld and paid over to the Employment Development Department from the wages of employees of the PRINCIPAL and its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to work or labor performed by any such claimant, that the SURETY will pay for the same, in an amount not exceeding the sum specified in this bond, and also, in case suit is brought upon the bond, shall pay reasonable attorneys' fees, to be fixed by the Court.

This bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file a Stop Payment Notice pursuant to the provisions of Section 9350 et seq. of the Civil Code of the State of California, so as to give a right of action to them or their assigns in any suit brought upon this bond.

No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

IN WITNESS WHEREOF, this instrument has been duly executed by the PRINCIPAL and SURETY above-named, on the _____ day of _____, 20__.

PRINCIPAL:	SURETY:
BY:_____	BY:_____
PRINT NAME: _____	**PRINT NAME:** _____
PRINT TITLE: _____	**PRINT TITLE:**_____
AND	MAILING ADDRESS:
BY: _____	_____
PRINT NAME: _____	_____
PRINT TITLE:_____	_____

(Notarization by Surety and copy of Power of Attorney required.)

APPROVED AS TO FORM:

BY: _____
City Attorney

CITY OF ROSEVILLE

STANDARD CONSTRUCTION SPECIFICATIONS

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ADOPTION OF STATE SPECIFICATIONS

1. The State of California Department of Transportation ("Caltrans") Standard Specifications dated 2015, are hereby adopted as the Standard Specifications of the City of Roseville except insofar as they may be modified by these Standard Construction Specifications.

2. Except for Division 1, Section 2, numbering in these Standard Construction Specifications conforms to that in the Caltrans Standard Specifications. The existence of a section in these Standard Construction Specifications means that the corresponding section of the Standard Specifications is modified in some respect. Unless otherwise specified, the modified Standard Specification provisions are deleted entirely, and the provisions of these Standard Construction Specifications are substituted.

DIVISION 1. GENERAL PROVISIONS

SECTION 1. GENERAL

ACCEPTANCE. Shall mean the formal Acceptance by the Department of an entire Work Order which has been completed in all respects in accordance with the Plans and specifications and any modifications thereof previously approved.

ATTORNEY GENERAL. The City Attorney of the City of Roseville.

CITY ATTORNEY. The City Attorney of the City of Roseville.

CITY CLERK. Shall mean the City Clerk of the City of Roseville.

DEPARTMENT. Shall mean the Department of Public Works of the City of Roseville, also referred to as the Department of Contract Administration. References made to the Department of Transportation otherwise shall mean the State of California Department of Transportation.

DIRECTOR. Shall mean the Public Works Director of the City of Roseville or his or her duly authorized representative.

ENGINEER. Shall mean the Public Works Director of the City of Roseville or his or her duly authorized representative.

ESTIMATED COST. The estimate prepared by the Public Works Director of quantities of work to be performed.

LIQUIDATED DAMAGE. The amount to be deducted from payments due or to become due to the Contractor for delay, as set forth in the Special Provisions.

PLANS. The official Project Plans, Standard Plans, Improvement Plans, Construction Standards, profiles, typical cross sections, general cross sections, working drawings, and supplemental drawings, or reproductions thereof, approved by the Director which show the location, character, dimensions and details of the work to be performed. All such documents are to be considered as a part of the Plans whether or not reproduced in the Special Provisions.

In the above definition, the following terms are defined as follows:

a. Standard Plans - The Standard Plans of the Department of Transportation of the State of California.

b. Project Plans - The Project Plans are specific details and dimension peculiar to the Work and supplemented by the Standard Plans, insofar as the same may apply.

c. Construction Standards - The City of Roseville Design and Construction Standards.

STATE. Reference to the State or State of California shall mean City or City of Roseville unless the reference is to a law or regulation of the State, and reference to Sacramento shall mean Roseville unless otherwise noted.

SECTION 2. BIDDING

SECTION 2 SHALL BE DELETED IN ITS ENTIRETY AND REPLACED WITH THE FOLLOWING:

2-1.01 **PROPOSAL FORMS.** The Department will furnish to each Bidder a standard proposal form, which, when filled out and executed shall be submitted as its bid. Bids not presented on forms so furnished will be disregarded.

The proposal form is bound in a book together with the Notice to Contractors, special provisions, and Contract. The proposal shall set forth for each item of work, in clearly legible figures and words, an item price and a total for the item in the respective spaces provided, and shall be signed by the Bidder, who shall fill out all blanks in the proposal form as required therein.

All items shown on the schedule of bid items shall be properly filled in and shall include all costs of labor, materials, equipment, and State, Federal, or other taxes applicable to the transaction. The completed forms shall be without inter-lineations, erasures or alterations of any nature. If the proposal is made by an individual, his or her name and post office address must be shown; if made by a firm or partnership, the name and post office address of each member of the

firm or partnership must be shown; or if made by a corporation, the proposal shall show the name of the State under the laws of which the corporation was chartered and the names, titles, and business addresses of the president, secretary, and treasurer of said corporation. If the proposal is signed by an agent, a "Power of Attorney" must be filed with the proposal.

The proposal shall be submitted as directed in the "Notice to Contractors" under sealed cover plainly marked as a proposal, and identifying the project to which the proposal relates and the time and date of the bid opening therefor. Proposals which are not properly marked may be disregarded. Proposal forms shall be obtained from the Director of Public Works, City of Roseville, California. Proposal forms are not transferable.

2-1.02 **REJECTION OF PROPOSALS AND DISQUALIFICATION OF BIDDERS.** Proposals may be rejected if they show any alterations of the forms, additions not called for, conditional bids, incomplete bids, erasures or irregularities of any kind. More than one proposal from an individual, firm, partnership, corporation or association under the same or different names, will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one (1) proposal for the work contemplated, will cause the rejection of all proposals in which the Bidder is interested. The City reserves the right to reject any and all proposals.

2-1.03 **PROPOSAL GUARANTY.** All bids shall be presented under sealed cover and accompanied by one (1) of the following forms of Bidder's security.

a. Cash, a cashier's check, a certified check, or a Bidder's bond executed by an admitted California surety insurer, made payable to the City.

b. The security shall be in an amount equal to at least ten percent (10%) of the bid amount. A bid will not be considered unless one (1) of the forms of Bidder's security is enclosed with it.

c. A Bidder's bond will not be accepted unless it conforms to a bond form approved by the City Attorney. Upon request "Bidder's Bond" forms may be obtained from the Department.

2-1.04 **WITHDRAWAL OF PROPOSALS.** Any bid may be withdrawn at any time prior to the time fixed in the public notice for the deadline submission of bids only by written request for the withdrawal of the bid filed with the Director. The request shall be executed by the Bidder or his or her duly authorized representative. The withdrawal of a bid does not prejudice the right of the Bidder to file a new bid. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after the deadline for submission of bids nor may any bid be withdrawn after the time fixed in the public notice for deadline for submission of bids. Immediately following the deadline for submission of bids all bids shall become the property of the City of Roseville and City is under no obligation to return the bids.

2-1.05 **RELIEF OF BIDDERS.** If the Bidder claims a mistake was made in his or her bid, the Bidder shall give the Department written notice within five (5) calendar days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred. No relief from a claimed mistaken bid shall be granted unless such mistake clearly appears on the face of the bid submitted to the City. Claimed mistakes on backup worksheets, spreadsheets, computerized bidding programs, or any other similar calculative bidding mistake which is not apparent on the face of the bid shall not under any circumstance be considered as a

basis for relief. The burden of proving the occurrence of a mistake entitling a Bidder to relief from its bid rests entirely on the Bidder. Relief from bids shall be in the City's sole discretion.

2-1.06 **PREVIOUS DISQUALIFICATION, REMOVAL OR OTHER PREVENTION OF BIDDING.** A bid may be rejected on the basis of a Bidder, any officer of such Bidder, or any employee of such Bidder who has a proprietary interest in such Bidder, having been disqualified, removed, or otherwise prevented from bidding on, or completing a Federal, State, or local project because of a violation of law or a safety regulation.

2-1.07 **COMPETENCY OF BIDDERS.** If two (2) or more prospective Bidders desire to bid jointly as a joint venture on a single project, they must file an affidavit of joint venture with the Bid on a form approved by the City Attorney, and such affidavit of joint venture will be valid only for the specific project for which it is filed. If such affidavit of joint venture is not filed as aforesaid and approved by the City Attorney prior to the time for awarding bids on the specific project for which it is submitted, a joint bid submitted by said Bidders will be disregarded. No bid will be accepted from or a Contract awarded to any Bidder to whom a proposal form has not been issued pursuant to Section 2-1.06.

2-1.08 **GUARANTY AND WARRANTY.** The Contractor shall guarantee and warrant all materials supplied as being fit for the purpose intended. The Contractor shall guarantee and warrant all work performed as having been accomplished in a proper and workman-like manner. The guarantee and warranty required by this section shall continue for a period of one (1) year after Acceptance of the Work.

Should any failure of the work occur within a period of one (1) year, after Acceptance of the work under the applicable Work Order by the Director due to faulty materials, poor

workmanship, or defective equipment, the Contractor shall promptly make the needed repairs at his or her expense.

The City is hereby authorized to make such repairs if the Contractor fails to make or undertake with due diligence the aforesaid repairs within ten (10) calendar days after being given written notice of such failure; provided, however, that in case of emergency where in the opinion of the Engineer, providing a reasonable attempt has been made to notify the Contractor, delay would cause serious loss or damages, or a serious hazard to the public, the repairs may be made or lights, signs, and barricades erected without prior notice to the Contractor, and the Contractor shall pay the entire cost thereof. At the completion of the work the faithful performance bond may be reduced at the discretion of the City Council to not less than ten percent (10%) of the Contract price to cover said guarantee.

Additional guarantees or warranties may be required by the Special Provisions.

SECTION 3. CONTRACT AWARD AND EXECUTION

3-1.04 **CONTRACT AWARD.** The right is reserved to reject any and all proposals. The award of the Contract, if it be awarded, will be to the lowest responsible Bidder whose proposal complies with all the requirements prescribed. Such award, if made, will be made within sixty (60) calendar days after the public opening of the proposals. If the lowest responsible Bidder refuses or fails to execute the Contract, the Roseville City Council may award the Contract to the second lowest responsible Bidder. Such award, if made, will be made within eighty-two (82) calendar days after the public opening of proposals. If the second lowest responsible Bidder refuses or fails to execute the Contract, the City may award the Contract to

the third lowest responsible Bidder. Such award, if made, will be made within one hundred and four (104) calendar days after public opening of the proposals. The above time periods within which the award of Contract may be made are subject to extension for such further period as may be agreed upon in writing between the City and the Bidder concerned.

All bids will be compared on the basis of the Director's estimate of the estimated quantities of work to be done.

3-1.05 **CONTRACT BONDS.** The successful Bidder, simultaneously with the execution of the Contract, will be required to furnish a payment bond in an amount equal to one hundred percent (100%) of the Annual Contract price, and a faithful performance bond in an amount equal to one hundred percent (100%) of the Annual Contract price; said bonds shall be in a form approved by the City Attorney and shall be secured by a surety company satisfactory to the City Attorney. If the Contract price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

Furthermore, the successful Bidder shall furnish a certificate from the County Clerk as required by California Civil Code of Procedure Section 995.660(a)(3).

3-1.18 **CONTRACT EXECUTION.** The Contract, in form and contents satisfactory to the City, shall be executed by the successful Bidder and returned, together with the Contract bonds and certificates of insurance within fifteen (15) calendar days after written notice that the Contract has been awarded, or as otherwise directed, in writing, by the City. No proposal shall be considered binding upon the City until the execution of the Contract by the City.

3-1.20 **FAILURE TO EXECUTE CONTRACT.** Section 3-1.20, "Failure to Execute Contract" is added as follows:

"Failure of the lowest responsible Bidder, the second lowest responsible Bidder, or the third lowest responsible Bidder to execute the Contract and file acceptable bonds and insurance as provided herein within fifteen (15) calendar days, or within a different timeframe specified by City in writing, after such Bidder has received notice that the Contract has been awarded to him or her, shall be just cause for the annulment of the award and the forfeiture of the Bidder's security to the City as Liquidated Damages. The successful Bidder may file with the Roseville City Council a written notice, signed by the Bidder or his or her authorized representative, specifying that the Bidder will refuse to execute the Contract if presented to him or her. The filing of such notice shall have the same force and effect as the failure of the Bidder to execute the Contract and furnish acceptable bonds and insurance within the time prescribed by Section 3-1.18."

SECTION 4. SCOPE OF WORK

There are no amendments to the Standard Specifications.

SECTION 5. CONTROL OF WORK

5-1.02 **CONTRACT COMPONENTS.** These Standard Construction Specifications, the Standard Specifications, the Standard Plans, the Improvement Plans, Construction Standards, Project Plans, project Special Provisions (and any addenda), the Agreement, Contract Change Orders, and all supplementary documents are all essential parts of the Contract between Contractor and the City. A requirement occurring in one (1) is as binding

as though occurring in all. They are intended to be complementary, and to describe and provide for a complete work.

In resolving inconsistencies among two (2) or more sections of the Contract Documents, precedence shall be given in the following order:

A. Special Provisions

B. City of Roseville Standard Construction Specifications

C. City of Roseville Design and Construction Standards

D. State Standard Specifications and Amendments to the State Standard Specifications, Standard Special Provisions, and Plans

E. Drawings

Should it appear that the work to be done or any of the matters relative thereto are not sufficiently detailed or explained in these specifications, the special provisions, or the Plans, the Contractor shall apply in writing to the Director for such further explanations as may be necessary and shall conform to them as part of the Contract. In the event of any doubt or question arising respecting the true meaning of these specifications, the special provisions or the Plans, reference shall be made to the Director, whose decision thereon shall be final.

In the event of any discrepancy, between any drawing and the figures written thereon, the figures shall be taken as correct. Detail drawings shall prevail over general drawings.

5-1.20B(5) **CITY OF ROSEVILLE ENCROACHMENT PERMITS.** Section 5-1.20B(5), "City of Roseville Encroachment Permits" is added as follows:

"The Contractor need not obtain a separate encroachment permit from the City prior to construction within street rights-of-way or other City rights-of-way. Execution of the Contract by the City shall be deemed an encroachment permit for work required by

the Contract within rights-of-way. All work shall conform to the rules and regulations of encroachment permits and shall be subject to the inspection and approval of the Director."

5-1.20B(6) **CITY OF ROSEVILLE BUSINESS LICENSE.** Section 5-1.20B(6), "City of Roseville Business License" is added as follows:

"The Contractor shall obtain a business license from the City prior to commencing work."

5-1.20B(7) **OTHER PERMITS.** Section 5-1.20B(7), "Other Permits" is added as follows:

"The Contractor in coordination with the Director shall procure any necessary permits which the City has not specifically mentioned as obtaining."

5-1.31 **JOB SITE APPEARANCE.** The Contractor shall maintain a neat appearance to the work. In any area visible to the public, the following shall apply:

When practicable, broken concrete and debris developed during clearing and grubbing shall be disposed of concurrently with its removal. If stockpiling is necessary, the material shall be removed or disposed of weekly.

The Contractor shall furnish trash bins for all debris from structure construction. All debris shall be placed in trash bins daily. Forms or falsework that are to be reused shall be stacked neatly concurrently with their removal. Forms and falsework that are not to be reused shall be disposed of concurrently with their removal.

Full compensation for conforming to the provisions in this section, not otherwise provided for, shall be considered as included in price paid for the various Contract items of work involved, and no additional compensation will be allowed therefore.

5-1.38 **MAINTENANCE AND PROTECTION RELIEF.** Section 5-1.38 is deleted.

5-1.43 **POTENTIAL CLAIMS AND DISPUTE RESOLUTION.** Section 5-1.43 is deleted in its entirety and replaced with the following:

5-1.43A **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to payment for any additional compensation for any act or failure to act by the City, including failure or refusal to issue a Change Order, or for the happening of any event, thing, occurrence or other cause unless he or she shall have given the City due written Notice of Potential Claim as hereinafter specified.

The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation will or may be due, the nature of the costs involved, and, insofar as possible, the amount of the potential claim. The said Notice as above required must have been given to the Director prior to the time that the Contractor shall have performed the Work giving rise to the potential claim for additional compensation, if based on an act or failure to act by the Director, or in all other cases within three (3) Days after the happening of the event, thing, occurrence or other cause giving rise to the potential claim.

If the Notice of Potential Claim does not include complete information about the claim or the parties do not execute a Contract Change Order in connection with the Notice of Potential Claim, Contractor shall submit a complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) calendar days after such work is performed. Failure to provide written notice of claim prior to undertaking such work or failure to timely submit a complete and specific information about the claim for

additional compensation and/or extension of the time for performance shall be deemed a waiver and abandonment of such claim.

If there is a dispute over any claim, the Contractor shall continue to work during the dispute resolution process in a diligent and timely manner as directed by the City, and shall be governed by all applicable provision of the Agreement.

The Contractor shall maintain cost records of all work that is the basis of any dispute. On a daily basis, Contractor shall submit to City completed daily forms, the format of which will be acceptable to the City, with respect to the Contractor's costs of performing the disputed work. These daily forms shall itemize all of Contractor's costs in performing the disputed work, including, but not limited to, all costs relating to materials, labor and equipment with respect to the disputed work. These daily forms shall provide names or identification and classification of affected workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment and hours operated. Said daily work forms shall be duly signed and verified by the Contractor or its authorized representative. The City's receipt of the Contractors' daily forms shall not constitute an approval of the Contractor's claim. Contractor's failure to submit the daily forms on a daily basis shall constitute a waiver of the Contractor's right to claim any additional compensation for the disputed work.

Each Contractor claim shall include full and complete information concerning the Claim. Contractor shall provide a clear, concise recital of the basis, upon which the claim is asserted, including a designation of the provisions of the Contract Documents upon which the claim is based. Contractor shall also include a statement as to the amount of time and/or compensation sought pursuant to the claim; if Contractor's claim arises from an ongoing occurrence, Contractor shall so state in its claim, including a description of the specific Work activities

affected by the claim. All costs, expenses or damages and extensions of time claimed shall be described in reasonable detail under the circumstances together with complete supporting documentation.

The City will review any timely Notice of Potential Claim and supporting information submitted by Contractor. In conducting this review, the City shall have the right to require the Contractor to submit such additional or supporting documents, data and other information as the City may require.

If an agreement can be reached which resolves the Contractor's claim, the parties will execute a Contract Change Order to document the resolution of the claim. If the parties cannot reach agreement with respect to the Contractor's claim, the Contractor shall still be obligated to comply with the claim identification provisions identified in these Standard Construction Specifications, including but not limited to Section 5-1.43B.

It is the intention of this Section 5-1.43A that differences between the parties arising under and by virtue of the Contract be brought to the attention of the Director at the earliest possible time in order that such matters may be settled, if possible, or other appropriate action promptly taken. The Contractor hereby agrees that he or she shall have no right to additional compensation for any Claim that may be based on any such act, failure to act, event, thing or occurrence for which no timely written Notice of Potential Claim as herein required was filed.

5-1.43B **CLAIMS.** Contractor must submit all Claims, for which it has previously submitted a Notice of Potential Claim, prior to Acceptance of the Work. Each such Claim must be sent to the City by registered mail or certified mail with return receipt requested and must contain reasonable documentation to support the Claim.

Upon receipt of a Claim, the City shall conduct a reasonable review of the Claim and, within a period not to exceed forty-five (45) calendar days, or such further time as mutually agreed upon or necessary pursuant to Public Contract Code Section 9204, the City shall provide the Contractor a written statement identifying what portion of the Claim is disputed and what portion is undisputed. If the City does not respond to a Claim from the Contractor within the time specified herein, such Claim shall be deemed rejected in its entirety.

Any payment due on an undisputed portion of the Claim shall be processed and made within sixty (60) calendar days after the City issues its written statement.

If the Contractor disputes the City's written response, or if the City does not respond within the time specified herein, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within thirty (30) calendar days for settlement of the dispute.

Within ten (10) business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the Contractor a written statement identifying the portion of the Claims that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the Claims shall be processed and made within sixty (60) calendar days after the public entity issues its written statement. Any disputed portion of the Claim, as identified by the Contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and the Contractor shall mutually agree to a mediator within ten (10) business days after the disputed portion of the Claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a

qualified neutral third party to mediate with regard to the disputed portion of the Claim. Each party shall be responsible for the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the Claim remaining in dispute shall be resolved in accordance with Section 9-1.22.

5-1.46 **FINAL INSPECTION AND CONTRACT ACCEPTANCE.** When the Director has made the final inspection and determines that the Contract work has been completed in all respects in accordance with the Plans and specifications, the Director will formally accept the work, and immediately upon and after such Acceptance by the City, the Contractor will be responsible for the work done for a period of one (1) year.

SECTION 6. CONTROL OF MATERIALS

6-1.03 **LOCAL MATERIALS.** Local material sites used by the Contractor shall be graded so that, at the time of final inspection of the Contract, they will drain and will blend in with the surrounding terrain.

SECTION 7. LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC

7-1.02K(2) **WAGES.** The provisions of paragraphs 1and 2 of Section 7-1.02K(2) of the Standard Specifications are amended to read as follows:

"Pursuant to the provisions of California Labor Code Section 1773, the City has identified the source, stated below, of the general prevailing rate of wages applicable to the work to be done, for straight time, overtime, Saturday, Sunday and holiday work. The

holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned. The wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm, and are incorporated herein as part of the Contract.

Pursuant to California Labor Code Section 1773.2, general prevailing wage rates shall be posted by the Contractor at a prominent place at the site of the work."

7-1.02K(6)(b) **EXCAVATION SAFETY.** For trenches or excavation five feet (5') or deeper, the Contractor shall obtain from the Division of Industrial Safety, a permit authorizing such construction.

7-1.02O **VEHICLE CODE.** Pursuant to the authority contained in Vehicle Code Section 591, the Department has determined that, within such areas as are within the limits of the project and are open to public traffic, the Contractor shall comply with all the requirements set forth in Vehicle Code Divisions 11, 12, 13, 14, and 15. Attention is directed to the statement in Section 591 that this section shall not relieve the Contractor nor any person from the duty of exercising due care. The Contractor shall take all necessary precautions for safe operation of equipment and the protection of the public from injury and damage from such equipment.

7-1.03 **PUBLIC CONVENIENCE.** Section 7-1.03 of the Standard Specifications is amended in part as follows:

1. Delete paragraph 10 ("Install signs, lights, flares . . .") and substitute the following:

"In order to expedite the passage of public traffic through or around the work, the Contractor shall install signs, lights, flares, temporary railing (type K), barricades, and

other facilities for the sole convenience and direction of public traffic as may be required. Also, as may be required, the Contractor shall furnish competent flaggers whose sole duties shall consist of directing the movement of public traffic through or around the work. The cost of furnishing and installing such signs, lights, flares, temporary railing (type K), barricades, flaggers, and other facilities shall be included in the lump sum paid for traffic control and no additional compensation will be allowed therefor.

In addition to the requirements previously specified for furnishing facilities and flaggers to expedite the safe passage of the public through or around the work, the Contractor shall at his or her expense furnish and erect within or adjacent to the work such warning, regulatory, or guide signs, markers, or devices as are necessary."

2. Add a paragraph at the end of the section to read as follows:

"In addition to the requirements hereinbefore specified for furnishing facilities and flaggers for expediting the passage of public traffic through or around the work, the Contractor shall furnish and erect, within or adjacent to the limits of the Contract, such warning, regulatory, and guide signs as may be required. The Contractor shall furnish, install and remove all such signs. Payment for furnishing, installing and removing all such signs shall be included in the lump sum price paid for traffic control and no additional compensation will be allowed therefor."

7-1.04 **PUBLIC SAFETY.** It is the intent of the parties that the City is not an exposing, creating, controlling, or correcting employer under California Labor Code Section 6400. In accordance with generally accepted construction practices and State law, the Contractor shall have the authority and be solely and completely responsible for conditions on the job site, including safety of all persons and property during performance of the Work. Moreover, the

Contractor shall be the controlling employer and has the authority and responsibility to enforce worksite safety. The Contractor shall be responsible for conducting daily safety inspections and assuring all hazards and violations are abated. The Contractor is responsible for assuring that all subcontractors adhere to the minimum CAL/OSHA safety requirements and that each subcontractor has an effective CAL/OSHA IIP (Illness and Injury Protection Program) in place that specifically addresses all potential exposures, such as, but not limited to, fall protection, confined space, and trenching/shoring. These requirements shall apply continuously and not be limited to normal working hours. The Contractor shall be responsible for any delay costs or damages in the event the progress of Work is slowed or stopped due to a safety violation.

The services of the Director in conducting construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's Work methods, equipment, bracing or scaffolding, or safety measures, in, on, or near the construction site. If a City employee observes a safety violation, the City employee will report the violation to the Contractor who is then responsible for assuring the violation is abated.

The Contractor is hereby informed that Work on this project could be hazardous. The Contractor shall carefully instruct all personnel working in potentially hazardous Work areas as to potential dangers and shall provide such necessary safety equipment and instructions as are necessary to prevent injury to personnel and damage to property. Special care shall be exercised relative to Work underground.

All Work and materials shall be in strict accordance with all applicable State, City, County, and Federal Rules, Regulations, and Codes, and attention is drawn to the requirements of CAL/OSHA. The Contractor shall be solely responsible for compliance with all City, County and State blasting requirements and for any damages caused by his or her operations.

In accordance with California Labor Code Section 6705, the Contractor shall submit to the City specific plans to show details of provisions for worker protection from caving ground. This in no way relieves the Contractor from the requirement of maintaining safety in all operations performed by the Contractor or the Contractor's subcontractors. The detailed plan showing design of shoring, bracing, sloping or other provisions shall be prepared by a registered civil or structural engineer in the State of California as required. Acceptance by the City or its designated agent only constitutes acknowledgment of the submission and does not constitute review or approval of the designs, design assumptions or criteria, completeness of submissions, applicability to areas of intended use, nor implementation of the plans, which are solely the responsibility of the Contractor and his or her registered engineer.

Notwithstanding any classifications relative to the Tunnel Safety Orders, Work within confined spaces on this project is subject to the definitions and applicable provisions of California Code of Regulations Section 8400 et seq., Title 8.

The Contractor shall so perform its Work as not to expose personnel to, or to discharge into the atmosphere from any source whatever, smoke, dust, asbestos, toxic chemicals or other air contaminants in violation of the laws, rules, and regulations of the governmental entities having jurisdiction. Contractors or subcontractors removing one hundred or more square feet (100') of asbestos must be "Certified" in accordance with State law. All Work involving exposure to asbestos and all other hazardous materials shall be performed with protection of personnel in compliance with all applicable regulations and safety requirements.

Nothing in these Standard Construction Specifications is to be construed to permit Work not conforming to governing codes. When Contract Documents differ from governing codes, the Contractor shall furnish and install the higher standards called for without extra charge. All

equipment furnished shall be grounded and provided with guards and protection as required by safety codes. Where vapor tight or explosion proof electrical installation is required by code, this shall be provided. In accordance with the provisions of Labor Code Section 6707, the Contractor shall provide adequate sheeting, shoring and bracing for employee protection, as provided in the proposal as separate Bid Items.

7-1.05 **INDEMNIFICATION.** The City of Roseville and its officers, agents, employees, and volunteers, including but not limited to the Director, shall not be answerable or accountable in any manner: for any loss or damage that may happen to the work or any part thereof; for any loss or damage to any of the materials or any things used or employed in performing the work; for injury to or death of any person, either workers or the public; or for damage to property from any cause which might have been prevented by the Contractor, his or her workers, or anyone employed by the Contractor or his or her subcontractors.

The Contractor shall be responsible for any liability imposed by law and for injuries to, or death of, any person including, but not limited to, workers and the public, or damage to property resulting from defects or obstructions, or from any cause whatsoever during the progress of the work or at any time before its completion and final Acceptance.

To the fullest extent allowed by law, the Contractor shall defend (through counsel acceptable to the City), indemnify, and save harmless the City of Roseville and its officers, agents, employees, and volunteers from all claims, suits, or actions of every name, kind, and description, brought forth, or on account of, injuries to or death of any person including, but not limited to, workers and the public, or damage to property resulting from the performance of the Contract, except as otherwise provided by statute.

The duty of the Contractor to defend, indemnify, and save harmless includes, but is not limited to, the duties to defend as set forth in Civil Code Section 2778. The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

It is the intent of the parties that the Contractor will defend, indemnify, and hold harmless the City of Roseville, its officers, agents, employees, and volunteers from any and all claims, suits, or actions as set forth above regardless of existence or degree of fault or negligence, on the part of the City, the Contractor, the subcontractor or employee of any of these; except the duty does not apply where the injury or damage is due to the sole or active negligence or willful misconduct of the City.

The Contractor's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Contract for the full period of time allowed by law. The defense and indemnity obligations of this Contract are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Contract. The parties intend that the defense and indemnity obligations in this Contract shall be broadly construed.

In addition to any remedy authorized by law, so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the City may be retained by the City until disposition has been made of such suits or claims for damages.

The retention of money due the Contractor shall be subject to the following:

A. The City will give the Contractor thirty (30) calendar days' notice of its intention to retain funds from any partial payment which may become due to the Contractor prior to Acceptance of the Contract. Retention of funds from any payment made after Acceptance of the Contract may be made without such prior notice to the Contractor.

B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.16F, "Retentions," of the Standard Construction Specifications.

C. If the City had retained funds and it is subsequently determined that the City is not entitled to be indemnified and saved harmless by the Contractor in connection with the matter for which such retention was made, the City shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

7-1.06 **INSURANCE COVERAGE.** Section 7-1.06 Insurance in the Standard Specifications shall be deleted in its entirety and replaced with the following:

A. Evidence of Maintenance Required. The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B. Qualifying Insurers. With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders

alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C. Insurance Required.

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations with limits of no less than Two Million Dollars ($2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars ($1,000,000) and limits of no less than Five Million Dollars ($5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars ($1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-

liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers'

Liability of at least One Million Dollars ($1,000,000) shall cover all Contractors staff while performing any work incidental to the performance or this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars ($1,000,000) per occurrence or claim and Two Million Dollars ($2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. **Builder's Risk/Course of Construction Insurance (If Required by Risk Management):** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The

maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or pollutants, in limits not less than Two Million Dollars ($2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies.

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a "claims made" or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.

7-1.06A **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and

obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract. Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by City in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars ($500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.

SECTION 8. PROSECUTION AND PROGRESS

8-1.04 **START OF JOB SITE ACTIVITIES.** The Contractor shall begin work by the date specified in the "Notice to Proceed" letter, and the Contractor shall thereafter diligently prosecute the work to completion.

The Contractor shall notify the Director, in writing, of his or her intent to commence work at least seventy-two (72) hours before work is begun. The notice shall specify the date on which the Contractor intends to begin work. If a project has more than one (1) location of work, a separate notice shall be given for each location.

Should the Contractor begin work in advance of issuance of a "Notice to Proceed," any work performed in advance of such issuance shall be considered to have been done at Contractor's own risk and as a volunteer.

SECTION 9. PAYMENT

9-1.11C **PAYMENT INCLUSIONS.** The following is added to Section 9-1.11C Payment Inclusions:

"No additional compensation will be made to the Contractor for claims of increased overhead costs occurring within the originally specified construction Contract period plus any time extensions granted by Change Order. No compensation for extended performance will be granted unless the delay exceeds more than half of the float time available at the time of the delay."

9-1.16E(4) **STOP NOTICE WITHHOLDS.** The City may, at its option and at any time, retain out of amounts due the Contractor, sums sufficient to cover claims (including costs and attorneys' fees), filed pursuant to California Civil Code Section 9350 et seq.

9-1.16F **RETENTIONS.** The Department shall retain five percent (5%) of the Contract price as part security for the fulfillment of the Contract by the Contractor.

9-1.16G **PAYMENT OF WITHHELD FUNDS.** Section 9-1.16G, "Payment of Withheld Funds" is added as follows:

"Except as otherwise prohibited by law, the Contractor may elect to receive all payments due under the Contract pursuant to without any retention. If the Contractor so elects, a deposit with the City of securities with a value equivalent to the retention that would otherwise be withheld by the City shall be made. Said security shall be as provided in California Public Contract Code Section 22300, and shall be approved by the City both as to sufficiency and form. In the alternative, the Contractor may elect to deposit such securities in an escrow account and enter into a standard form Escrow

Agreement for Security Deposits in Lieu of Retention. Blank Agreements are available from the Public Works Director and the City Attorney's Office."

9-1.17 **PAYMENT AFTER CONTRACT ACCEPTANCE.** "Final Payment" shall be made in accordance with this section. The Contractor shall, after the completion of the Work Order, submit a final estimate of the amount of work done thereunder and the value of such work. Upon approval of the estimate by the Director, the City of Roseville shall pay the entire sum so found to be due after deducting therefrom all previous payments and all amounts to be kept and all amounts to be retained under the provisions of the Contract. All prior partial estimates and payments shall be subject to correction in the final estimate and payment. The final payment shall not be due and payable until the expiration of thirty five (35) calendar days from the date of Acceptance of the work.

No certificate given or payments made under the Contract, except the final certificate or final payment, shall be conclusive evidence of the performance of the Contract, either wholly or in part, and no payment (including the final payment) or certificate shall be construed to be an Acceptance of any defective work or improper materials. Final payment shall not release the Contractor from one (1) year guarantee of the work as provided in Section 7-1.17, "Acceptance of Contract" and Section 2-1.12 "Guarantee and Warranty" of these Specifications.

SECTION 14. ENVIRONMENTAL STEWARDSHITP

14-8.02 **NOISE CONTROL.** The provisions of Section 14-8.02 of the Standard Specifications are amended by adding the following:

"The Contractor shall additionally conform to the provisions of Roseville Municipal Code Chapter 9.24 where such provisions are more restrictive than these specifications."

14-9.01 **AIR QUALITY GENERAL.** The provisions of Section 14-9.01, "Air Quality General" of the Standard Specifications are amended by adding the following:

"Material to be disposed of shall not be burned unless the Contractor has obtained a permit to burn combustible material resulting from clearing and grubbing operations from the Placer County Air Pollution Control District and City of Roseville Fire Marshall. A copy of the permits shall be filed with the Director

before beginning any burning. All such burning shall be conducted in strict conformance with the provision stipulated in said permits and at such times and in such manner as to prevent fire from spreading to areas adjoining the right-of-way."

14-11.02A **ASBESTOS REMOVAL AND DISPOSAL.** Section 14-11.02A, "Asbestos Removal and Disposal" is added as follows:

"The Contractor shall comply with all rules, regulations, statutes and ordinances regarding asbestos removal and disposal, including but not limited to, 42 U.S.C. Sections 7401, 7412 and 7601 and 40 C.F.R. Part 61, Subpart M.

If the Contractor discovers that a building to be demolished or renovated contains asbestos containing material, the Contractor shall immediately cease work and notify the City."

END OF STANDARD SPECIFICATIONS

TEXT OF AB 626

Assembly Bill No. 626

CHAPTER 810

An act to add and repeal Section 9204 of the Public Contract Code, relating to public contracts.

[Approved by Governor September 29, 2016. Filed with Secretary of State September 29, 2016.]

LEGISLATIVE COUNSEL'S DIGEST

AB 626, Chiu. Public contracts: claim resolution.

Existing law prescribes various requirements regarding the formation, content, and enforcement of state and local public contracts. Existing law applicable to state public contracts generally requires that the resolution of claims related to those contracts be subject to arbitration. Existing law applicable to local agency contracts prescribes a process for the resolution of claims related to those contracts of $375,000 or less.

This bill would establish, for contracts entered into on or after January 1, 2017, a claim resolution process applicable to any claim by a contractor in connection with a public works project. The bill would define a claim as a separate demand by the contractor for one or more of the following: a time extension for relief from damages or penalties for delay, payment of money or damages arising from work done pursuant to the contract for a public work, or payment of an amount disputed by the public entity, as specified.

This bill would require a public entity, defined to exclude certain state entities, upon receipt of a claim sent by registered or certified mail, to review it and, within 45 days, provide a written statement identifying the disputed and undisputed portions of the claim. The bill would authorize the 45-day period to be extended by mutual agreement. The bill would require any payment due on an undisputed portion of the claim to be processed within 60 days, as specified. The bill would require that the claim be deemed rejected in its entirety if the public entity fails to issue the written statement.

This bill would authorize, if the claimant disputes the public entity's written response or if the public entity fails to respond to a claim within the time prescribed, the claimant to demand to meet and confer for settlement of the issues in dispute. The bill would require any disputed portion of the claim that remains in dispute after the meet and confer conference to be subject to nonbinding mediation, as specified. The bill would provide that unpaid claim amounts accrue interest at 7% per annum. The bill would prescribe a procedure by which a subcontractor or lower tier contractor may make a claim through the contractor.

This bill would require the text of these provisions, or a summary, to be set forth in the plans or specifications for any public work which may give rise to a claim. The bill would specify that a waiver of these rights is void and contrary to public policy, except as specified. The bill would also specify that it does not impose liability on a public entity that makes loans or grants

available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

By increasing the duties of local agencies and officials, this bill would impose a state-mandated local program.

This bill would, on January 1, 2020, repeal the provision establishing the claim resolution process.

This bill would specify that these provisions constitute a matter of statewide concern.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that, if the Commission on State Mandates determines that the bill contains costs mandated by the state, reimbursement for those costs shall be made pursuant to these statutory provisions.

The people of the State of California do enact as follows:

SECTION 1. Section 9204 is added to the Public Contract Code, to read:

9204. (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) ”Claim” means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) ”Contractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) ”Public entity” means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) ”Public entity” shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) ”Public works project” means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) ”Subcontractor” means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity’s written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to

nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section,

so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

SECTION 2.

The Legislature finds and declares that it is of statewide concern to require a charter city, charter county, or charter city and county to follow a prescribed claims resolution process to ensure there are uniform and equitable procurement practices.

SECTION 3.

If the Commission on State Mandates determines that this act contains costs mandated by the state, reimbursement to local agencies and school districts for those costs shall be made pursuant to Part 7 (commencing with Section 17500) of Division 4 of Title 2 of the Government Code.

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SPECIAL PROVISIONS
FOR THE CITY OF ROSEVILLE
ON-CALL ROADWAY AND TRAIL MAITENANCE SERVICES

MULTIYEAR CONTRACT DETAILS

1.1 BACKGROUND

As part of the City of Roseville's Capital Improvement Program there are several pavement maintenance and Capital improvement projects that are constructed annually. Many of these Capital improvement projects require various types of roadway rehabilitation and resurfacing work. Prospective bidders shall submit proposals with the understanding that the typical annual budget for this work is based off the Grand Total of Bids price, however quantities of work are not guaranteed.

1.2 CITY OVERVIEW

Maintaining the integrity of Roseville's 456 centerline miles of roadway has a significant effect on quality of life and ease of doing business. The City has a carefully planned strategy for maintaining streets, bridges, and facilities. The City of Roseville's Capital Improvement Program (CIP) Projects Section is a part of the Engineering Division within Public Works. The CIP Projects Section is responsible for developing and overseeing improvement projects such as new bridges and roadway segments, constructing city buildings such as fire stations and city parking garages, widening existing roadways in accordance with the city's Capital Improvement Program, constructing major roadway repairs and asphalt overlays, and constructing bike trail repairs.

1.3 SCOPE OF SERVICES

The following Scope of Work is desired by the City. The proposal must address how the Contractor will deliver the indicated services. The Scope of Work will be administered via Work Orders, as the City identifies locations in need. Work Orders may vary in size, as small as a few locations and as large as hundreds of locations, depending on the needs of the City. Project tasks shall include, but are not necessarily limited to, the items noted below.

1. Construction of the following improvements including but not limited to:

- Microsurfacing (Type II)
- Slurry Seal (Type I)
- Polymer Modified Asphalt Rubber Chip
- Polymer Modified Asphalt Rubber Chip with Fabric
- Cape Seal
- Digouts

- Overlay
- Mill & Overlay
- Associated Resurfacing & Rehabilitation Items (Adjust Utility Covers, Striping, BMP's/Water Pollution Control/SWPPP, etc)

2. Provide management coordination in the following areas:
   - Upon receiving work locations in the form of a plan set from the City, verify the location and quantity of work from the Work Order, and confirm the cost estimate of the Work Order.
   - Submit alternative construction techniques or improvements to proposed work and/or plans as necessary, or as requested.

The Public Works Department will be administrating the agreement, and the contractor will be required to track individual department work order balances as to monitor and track the agreement allotment. Once services are requested by the Engineer, a scope of work may be prepared and submitted by the contractor to the Engineer administrating this agreement. Authorization to proceed will then be provided for the subject work scope defined. All service expenses will be in accordance with the subject agreement. The contractor understands that the City cannot assign any particular amount of work or number of projects to the contractor. The City, at the discretion of the Public Works Director, reserves the right to request proposals from other contractors for any projects undertaken by the City during the lifetime of this agreement.

The contractor shall submit monthly invoices for work with detailed reference to project name, Citywide Project Number, work order, and invoice numbers, date of services, type of services rendered, contractor, person performing the task, test rate, and/or hourly rate, and shall be stated in time increments of one-tenth hours. The City will pay invoices within thirty (30) days after receipt, if the work invoiced has been satisfactorily completed.

Although original invoices may be sent directly to specific department representative, a duplicate invoice shall be mailed to the Public Works Department, Attn: Jesse Khatkar, Assistant Engineer, Capital Improvement Project Section. 311 Vernon Street, Roseville, CA 95678

1.4 MULTIYEAR AGREEMENT

The initial contract will be for a term of one year in the amount of the Grand Total of Bid. The City reserves the right to extend the contract for up to four additional year(s), one year at a time, in its sole discretion. The vendor receiving the contract award for the initial contract may retain that

contract award throughout the life of the contract, including the optional renewal years.

SCOPE OF SPECIAL PROVISIONS

1. The work described in these Special Provisions shall be performed in conformance with the Standard Construction Specifications of the City of Roseville (latest edition), the City of Roseville Construction Standards (latest edition), City of Roseville Parks Construction Standards (latest edition), City of Roseville Electric Department Specifications for Commercial Construction, and Caltrans Standard Specifications and Plans (2015 Edition) except insofar as they may be modified by these Special Provisions.

2. Numbering in these Special Provisions conforms to that in the Standard Construction Specifications. The existence of a section in these Special Provisions means that the corresponding section in the Standard Construction Specifications is modified in some respect. Unless otherwise specified the modified Standard Construction Specification Provisions are deleted entirely, and the provisions of these Special Provisions are substituted.

3. The construction materials, payment, etc., for items of work shown in the proposal and on the plans, but not specifically mentioned in these Special Provisions are referred to the Standard Construction Specifications for conformance.

DISCREPANCIES AND OMISSIONS

Any discrepancies or omissions found in the Contract Documents shall be reported to the Engineer immediately. The Engineer will clarify discrepancies or omissions, in writing, within a reasonable time.

In resolving inconsistencies among two or more sections of the Contract Documents, precedence shall be given in the following order:

A. Special Provisions
B. City of Roseville Standard Construction Specifications
C. Design and Construction Standards of the City of Roseville
D. Roseville Electric Specifications for Residential Construction
E. Roseville Electric Specifications for Commercial Construction
F. City of Roseville Parks Construction Standards
G. 2015 Caltrans Standard Specifications, Plans and Addenda
H. Drawings

Addenda shall take precedence over all sections referenced therein. Figure dimensions on Drawings shall take precedence over scale dimensions. Detailed Drawings shall take precedence over general Drawings.

SECTION 1. DEFINITIONS AND TERMS

There are no amendments to the Standard Construction Specifications.

SECTION 2. BIDDING

2-1.01.1 SCOPE

The bidder's attention is directed to the provisions in Section 2 of the Standard Construction Specifications for the requirements and conditions which must be observed in the preparation of the proposal form and the submission of the bid.

2-1.02.1 OBTAINING PLANS AND SPECIFICATIONS

A Project Manual including all Contract Documents and the Proposal forms for bidding this project may be obtained on-line via Public Purchase service or through the City of Roseville Public Works website at www.roseville.ca.us/business/bids_rfps_rfqs_and_rfis.asp. The service requires that you establish a username and password in order to download and/or order plans and specifications.

2-1.05.1 SUBMITTAL OF PROPOSALS

In addition to the requirements of Section 2 of the Construction Standards, proposals must be submitted to the City Clerk, under sealed cover and plainly marked on the outside, Proposal for **On-Call Roadway and Trail Maintenance Services**, not later than the date and time of the public submittal of proposals as specified in the Notice to Contractors. Any addenda to these Special Provisions or other contract documents shall be acknowledged where indicated.

2-1.05.2 QUESTIONS

All communication relative to this project shall be conducted through Public Purchase. Questions will not be accepted after 3:00 P.M. on Wednesday, May 19th, 2021. Questions submitted after the above listed deadline will not be addressed. The City will respond in writing to questions submitted prior to the deadline by end of day Friday, May 21st, 2021.

2-1.10 SUBCONTRACTOR LIST

The bidder's attention is directed to Section 2-1.10 of the Standard Specifications. In addition to the requirements of this section of the Standard Specifications, in accordance with the requirements of Sections 4100 to 4113 (inclusive, of the Government Code), the Contractor shall list in his/her proposal the name and business address of each subcontractor to whom the bidder proposes to subcontract all or a

portion of the work. Said list shall include a description of the portion of the work, which will be done by each subcontractor. A sheet for listing the subcontractors, as required, is included in the proposal. Note that hauling companies to be used as subcontractors are included in this provision.

SECTION 3. AWARD AND EXECUTION OF CONTRACT

The bidder's attention is directed to the provisions in Section 3, "Award and Execution of Contract," of the State Standard Specifications and these Special Provisions.

3-1.02 ADDITIONAL CONTRACT DOCUMENTS

The Engineer will furnish to the Contractor on request and free of charge, five (5) copies of the contract documents. Additional copies of contract documents and plans may be obtained on request by paying the actual cost of reproducing the contract documents or plans.

3-1.04.1 CONTRACT AWARD

The bidder's attention is directed to the provisions in Section 3, "Award and Execution of Contract," of the State Standard Specifications and these Special Provisions for the requirements and conditions concerning award and execution of contract.

Bid protests are to be delivered to the following address: City Clerk's Office, 311 Vernon St. Roseville, CA 95678.

The contract shall be executed by the successful bidder and shall be returned, together with the contract bonds, to the Agency so that it is received within 10 days, not including Saturdays, Sundays and legal holidays, after the bidder has received the contract for execution. Failure to do so shall be just cause for forfeiture of the proposal guaranty. The executed contract documents shall be delivered to the following address: Public Works / Engineering, c/o Jesse Khatkar, 311 Vernon St, Roseville, CA 95678

SECTION 4. SCOPE OF WORK

4-1.01 GENERAL

In addition to the requirements of Section 4-1.01 of the Standard Specifications, the following shall apply:

The work orders issued under this contract may consist of placement of a Chip Seal, Chip Seal on Fabric, Micro-surfacing, Slurry Seal, Cape Seal, digouts, overlays, mill & overlays to portions of residential streets, residential collectors, and trails throughout the City of Roseville. The roadway improvements in general include striping and vegetation removal, temporary pavement delineation, permanent pavement delineation, traffic control, digouts, overlay, mill & overlay, and resurfacing. The trail improvements in

general include striping and vegetation removal, temporary pavement delineation, permanent pavement delineation, traffic control, digouts, and resurfacing.

4-1.05 CHANGES AND EXTRA WORK

In addition to the requirements of Section 4-1.05 of the Standard Specifications, the following shall apply:

Field Instructions -- At any time and from time to time during the course of the work, the Engineer may with respect to any part or parts of the work, issue in writing to the Contractor a Field Instruction and the Contractor shall comply with the requirements of such Field Instruction, forthwith or within such time as may be specified therein.

Field Instructions will be used to order or delete work, reject work or note deficiencies, clarify contract requirements or documents, or any other matters generally of a minor nature. At appropriate intervals, Field Instructions which alter the contract will be grouped to form a Change Order.

Change Orders -- The City may at any time require changes in the contract drawings or specification, or changes to, additions to, or deductions from the work performed or the materials to be furnished. Any such changes will be directed by the Engineer in writing. Such directives will specify, in addition to a complete description of such change, the work to be done in connection with the change, the adjustment of contract time, if any, and the basis of compensation for such work. Directives for changes will be subsequently incorporated in a formal change order to be executed by the Contractor and submitted to the Engineer.

Work directed by the Engineer which will subsequently be incorporated in a change order, shall be performed fully and completely, and in accordance with the original contract requirements except for the specific change mentioned in the directive and change order. Drawings accompanying such directives or change order shall be deemed a part of such directives or change orders.

4.106B CONTRACTOR'S NOTIFCATION

In addition to the requirements of Section 4-1.06B of the Standard Specifications, the following shall apply:

During the progress of the work, if material is discovered that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed and disposed at a Class I, Class II, or Class III disposal site in accordance with provisions of existing law, the party discovering such conditions shall promptly notify the other party in writing before conditions are disturbed and before the affected work is performed.

4-1.13 CLEANUP

In addition to the requirements of Section 4-1.13 of the Standard Specifications, the Contractor shall clean the roadway and property material sites and all ground occupied by

the Contractor in connection with the work of all rubbish, excess materials, falsework, temporary structures, temporary delineation, and equipment within 48 hours or 2 calendar days of placing concrete at each worksite. All parts of the work shall be left in a neat and presentable condition. All final clean up must be complete prior to final inspection.

In addition to debris created by the Contractors work, the Contractor shall be responsible for maintenance of a clean work area. All debris left by others within 50' of the Contractors work shall become property of the Contractor and be disposed of accordingly.

The contractor shall also remove all temporary pavement delineation. The contractor shall use a power washer to remove all reference markings (i.e. USA markings, striping reference points, utility reference points). On micro-surfaced or other surface seal roadway segments, remove markings by hand painting all reference markings with black paint. Paint shall be in rectangular blocks.

Full compensation for cleanup will be considered as included in the prices paid for the various contract items of work and no separate payment will be made therefor.

SECTION 5. CONTROL OF WORK

5-1.04 ORDER OF WORK.

In addition to the requirements of Section 5 of the Standard Specifications, the following shall apply:

Before beginning obliteration of existing pavements or other work which will interfere with the passage of traffic and or pedestrians, the Contractor shall have detour and traffic restriction signs as required under Section 7 “Legal Relations and Responsibility” of the Standard Specifications and as set forth on the plans and these Special Provisions in place and fully operational.

The Contractor is responsible for all material and/or equipment needed to perform the project. Should the City have to supply the Contractor with material and/or equipment to do the work, the Contractor will be charged accordingly.

5-1.05 SUPERINTENDENCE

In addition to the requirements of Section 5 of the Standard Specifications, the following shall apply:

Five (5) days prior to beginning work, the Contractor shall provide in writing, the name and telephone number of a representative who is directly involved with this project and under the supervision of the Contractor, to the Engineer. The Contractor’s representative may be contacted by City Staff during non-working hours including nights, weekends and holidays in the case of any public inconvenience and/or

emergency relating to the Contractor's operations.

The contact representative shall not be replaced by another company employee for any reason during the duration of the project without a written explanation from the Contractor which has been approved by the Engineer. Should a new representative be used, he or she shall be knowledgeable of the project and the events and/or revisions that may be taking place at the present time.

5-1.08 INSPECTION

In addition to Section 5 of the State Standard Specifications, the following shall apply:
All work is subject to inspection and approval by the Engineer. The Contractor shall notify the Engineer two (2) working days in advance of the start of work to coordinate and schedule inspection staff.

The City will provide one (1) inspector and one (1) resident engineer for an 8-hour day and 40-hour week basis only. The contractor shall reimburse the City in the amount of $226.00 per hour for inspection and $250 per hour for resident engineer costs for time in excess of 8 hours per day, 40 hours per week, or inspection performed during designated City. In addition, the contractor shall reimburse the City in the amount of $200.00 per hour for each additional inspector required to perform fulltime inspection of all contractor operations. Typical situations were this will apply are when the contractor has multiple crews in separate locations performing work on a single day. If actual Inspector and Resident Engineer rates are less than those listed, the contract shall reimburse the City at those rates.

For this project, working hours will be 7:30 a.m. to 5:30 p.m. and working days will be Monday through Friday. Requests for authorization to perform work outside the allowed working hours and days shall be made to the Engineer in writing and at least 48 hours in advance. The Contractor shall reimburse the City for the actual cost of all inspection in excess of the allowed working hours and days, including designated holidays and weekends.

Designated holidays are: January 1st, the third Monday in January, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day, the day after Thanksgiving Day, and December 25th. When a designated holiday falls on a Saturday or Sunday, the preceding Friday or following Monday (respectfully) shall be a designated holiday.

The Contractor shall provide a competent person during normal working hours to assist the Engineer, when required, in checking the Contractor's layout and for measuring quantities for payment purposes. The Contractor shall cooperate with the Engineer so that checking and measuring may be accomplished with the least interference to the Contractor's operations.

No additional compensation will be made to the Contractor for fulfilling these requirements.

5-1.09.1 PARTNERING

The City of Roseville will promote the formation of a "Partnering" relationship with the Contractor in order to effectively complete the contract to the benefit of both parties. The purpose of this relationship will be to maintain cooperative communication and mutually resolve conflicts at the lowest possible management level.

The Contractor may request the formation of such a "Partnering" relationship by submitting a request in writing to the Engineer after approval of the contract. If the Contractor's request for "Partnering" is approved by the Engineer, scheduling of a "Partnering" workshop, selecting the "Partnering" facilitator and workshop site, and other administrative details shall be as agreed to by both parties.

The costs involved in providing a facilitator and a workshop site will be borne equally by the City of Roseville and the Contractor. The Contractor shall pay all compensation for the wages and expenses of the facilitator and of the expenses for obtaining the workshop site. The City's share of such costs will be reimbursed to the Contractor in a change order written by the Engineer. Markups will not be added. All other costs associated with the "Partnering" relationship will be borne separately by the party incurring the costs.

The establishment of a "Partnering" relationship will not change or modify the terms and conditions of the contract and will not relieve either party of the legal requirements of the contract.

5.13 SUBCONTRACTING

Attention is directed to the provisions in Section 5.13 of the Standard Specifications, and these special provisions. In addition, the following shall apply:

No subcontract releases the Contractor from the contract or relieves the Contractor of their responsibility for a subcontractor's work.

If the Contractor violates Public Contract Code § 4100 et seq., the City of Roseville may exercise the remedies provided under Public Contract Code § 4110. The City of Roseville may refer the violation to the Contractors State License Board as provided under Public Contract Code § 4111.

The Contractor shall perform work equaling at least 50 percent of the value of the original total bid with the Contractor's own employees and equipment, owned or rented, with or without operators.

Each subcontract must comply with the contract.

Each subcontractor must have an active and valid State contractor's license with a classification appropriate for the work to be performed (Business and Professions Code, § 7000 et seq.).

Submit copies of subcontracts upon request by the Engineer.

Before subcontracted work starts, submit a Subcontracting Request form.

Do not use a debarred contractor; a current list of debarred contractors is available at the Department of Industrial Relations' Web site.

Upon request by the Engineer, immediately remove and not again use a subcontractor who fails to prosecute the work satisfactorily.

Pursuant to the provisions in Section 1777.1 of the Labor Code, the Labor Commissioner publishes and distributes a list of contractors ineligible to perform work as a subcontractor on a public works project. This list of debarred contractors is available from the Department of Industrial Relations web site at:

http://www.dir.ca.gov/DLSE/Debar.html.

The subcontractors listed by you in the Bid book shall list therein the name and address of each subcontractor to whom the bidder proposes to subcontract portions of the work in an amount in excess of one-half of one percent of the total bid or $10,000, whichever is greater, in accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code. The bidder's attention is invited to other provisions of the Act related to the imposition of penalties for a failure to observe its provisions by using unauthorized subcontractors or by making unauthorized substitutions.

5.13E PERFORMANCE OF SUBCONTRACTORS
The subcontractors listed in the proposal at the time of Bidding shall list therein the name and address of each subcontractor to whom the bidder proposes to subcontract portions of the work in an amount in excess of one-half of one percent of the total bid or $10,000, whichever is greater, in accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code. The bidder's attention is invited to other provisions of the Act related to the imposition of penalties for a failure to observe its provisions by using unauthorized subcontractors or by making unauthorized substitutions.

5-1.20 COORDINATION WITH OTHER ENTITIES
Attention is directed to the provisions in Section 5-1.20 of the Standard Specifications, and these special provisions. In addition, the following shall apply:

5-1.20A GENERAL
The Contractor shall cooperate with other forces constructing, relocating, and/or modifying facilities within the project limits. The Contractor shall coordinate his work with that of others, including utility companies, to prevent delays.

It is understood and agreed that the Contractor has considered in his bid all of the permanent and temporary utility appurtenances in their present and/or relocated positions as shown on the plans or as described in the specifications, and that no additional compensation will be allowed for any delays, inconvenience, or damages sustained due to any interference from said appurtenances or the operation of moving them. In addition, the Contractor shall not be allowed any additional compensation for delays of inconvenience sustained by the Contractor due to the City not having City-supplied equipment ready for pick-up. In such a case, the City may increase the number of working days for the contract.

Five days prior to beginning work, the Contractor shall provide to the Engineer, in writing, the name and telephone number of a representative who is directly involved with this project, and under the supervision of the Contractor. The Contractor's representative may be contacted by City staff during non-working hours including nights, weekends and holidays in the case of any public inconvenience and/or emergency relating to the Contractor's operations. The Contractor representative shall not be replaced by another company employee for the duration of the project without a written explanation from the Contractor which has been approved by the Engineer. Should a new representative be used, he/she shall be knowledgeable of the project, the events, and/or revisions that may be occurring.

5-1.20B(1) GENERAL
The Contractor shall obtain a business license from the City of Roseville prior to performing the work.

The Contractor may use water from City of Roseville fire hydrants provided that the required permits are obtained and the Contractor has paid the associated fees.

5-1.20B(4) CONTRACTOR-PROPERTY OWNER AGREEMENT

The Contractor is responsible for making arrangements to stock-pile and store equipment outside the public right of way as work is performed. Personal vehicles of the Contractor's employees shall not be parked on the traveled way, shoulders, or private property, including any section closed to public traffic.

The Contractor shall secure easements at their own expense for any areas required for plant sites, storage of equipment or materials, or for any other purposes. Before occupying any easement area, the Contractor shall provide the Engineer a written statement from each property owner verifying easement acquisition.

Staging areas located on private property shall be restricted to properties where the property owner has given written authorization to the Contractor for use of said property. The Contractor shall submit, at the preconstruction conference, documentation of the written authorization from the property owner(s). Prior to final acceptance of the project, the Contractor shall provide the Engineer a written statement of release from each property owner that granted an easement for the Contractor's operations.

5-1.26 CONSTRUCTION SURVEYS

The requirements specified in of the State Standard Specifications shall be replaced as follows:

The Contractor shall be responsible to hire a licensed land surveyor to provide all surveys to control the lines, elevations and dimensions of the work in conformance with the plans. Any deviation from the lines, elevations and dimensions shown on the plans must receive prior approval from the Engineer.

Where new construction connects to existing facilities, the Contractor shall check and establish the exact location prior to construction of the facility.

All stakes or marks will be provided by the Contractor as necessary to establish the lines and grades required for the completion of the work specified in the State Standard Specifications, on the plans, and in these special provisions.

The Contractor shall be responsible for the accuracy of his/her own layout work and shall be responsible and liable for the preservation of all established lines, grades and layout points. Stakes damaged or destroyed by the public or operations of the Contractor will be replaced at the Contractor's expense.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items and no additional compensation will be allowed therefor.

5-1.36 NONHIGHWAY FACILITIES
In addition to this Section of the Standard Specifications, the following shall apply:

The City of Roseville is a member of the Underground Service Alert (U.S.A.). The Contractor shall notify U.S.A. 1-800-642-2444 at least 72 hours in advance of beginning work on the project. The Contractor is cautioned that there may be underground and overhead utility facilities within the work area including telephone, electrical, cable television, gas, water and sanitary sewer transmission facilities, and storm drainage collection facilities.

Where possible conflicts may exist, the Contractor shall verify the grade and location of existing underground utility prior to any work by careful hand digging. It is recognized by the City and the Contractor that the locations of existing utilities as shown on the plans are approximate, their actual location is unknown. Recognition is given to the fact there may be additional existing utilities unknown to either party to the contract. Location of utilities, as shown on the drawings, represent the best information obtainable from utility maps and information furnished by the various agencies and companies involved. The City warrants neither the accuracy nor the extent of the actual utilities involved.

The Contractor shall visit the site of the proposed work for each work order and determine the quantity and location of the manholes, valve covers and utility appurtenances to be encountered in the proposed work area. Damage to such utilities resulting from the Contractor's operations to complete the project shall be repaired at the Contractor's expense.

All existing utilities are to remain in service during construction. The Contractor shall be required to work around existing utility poles.

In the event the Contractor discovers utilities not identified on the plans or by the utilities, the Contractor shall immediately notify the Engineer and the utility owners by the most expeditious method reasonably available and later confirm in writing.

Prior to Chip Seal, Micro-surfacing, or Roseville Cape Seal operations, the Contractor shall mark the location of all covers with temporary pavement markers and submit to the Engineer an inventory of all manhole covers, miscellaneous covers and lids located within the streets to be repaired. Cape Seal, Micro-surfacing, or Roseville Seal Coat operations shall not commence until the Contractor’s and Engineer’s inventory list agree. The Contractor shall be responsible for properly removing and disposing the temporary pavement markers.

5-1.47 GUARANTEE
In addition to the requirements of section 5-1.47 of State Standard specifications the contractor shall repair the failed areas in full, from edge of pavement to edge of pavement.

SECTION 6. CONTROL OF MATERIALS

6-1.01A PREQUALIFIED AND TESTED SIGNING AND DELINEATION MATERIALS

The City of Roseville has adopted the State of California, Department of Transportation (Caltrans), listing of Prequalified and Tested Signing and Delineation Materials for use on this project. Approval of the Prequalified and Tested Signing and Delineation Materials products listing shall not preclude the
Engineer from sampling and testing products on the list.

The current trade name listing is available at the Caltrans' web page:

http://www.dot.ca.gov/hq/esc/approved_products_list/pdf/signing_and_delineation_materials.pdf

The Prequalified and Tested Signing and Delineation Materials list in effect on the date of the Notice to Bidder shall be used. The Contractor shall furnish the Engineer a Certificate of Compliance in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications for each type of traffic product supplied. The Certificate of Compliance shall also certify that the signing and delineation material or product conforms to the prequalified testing and approval by Caltrans, Division of Traffic Operations, and was manufactured in accordance with the approved quality control program.

For those categories of materials included on the list of Prequalified and Tested Signing and Delineation Materials, only those products shown within the listing may be used in the work. Other categories of products, not included on the list of Prequalified and Tested Signing and Delineation Materials, may be used in the work provided they conform to the requirements of the Standard Specifications. Materials and products will be considered for addition to the Prequalified and Tested Signing and Delineation Materials listing if the manufacturer submits a New Product Information Form available at the Caltrans' web site:

http://www.dot.ca.gov/hq/esc/Translab/NewProducts/pdf/guidelines.pdf

Upon a request for samples, the manufacturer shall submit sufficient samples to permit performance of required tests. Approval of materials or products will depend upon compliance with the specifications and tests Caltrans may elect to perform.

No contract adjustment will be allowed for the time required for submitting the samples, testing the samples, and approving the materials or products.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various contract items of work involved and no additional compensation will be allowed therefor.

6-3 TESTING

The City uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract. Contractor may examine the records and reports of tests the City performs if they are available at the job site. Schedule work to allow time for QAP.

Material testing for this project will be provided by the Contractor as set forth in Section 6 of the Standard Specifications and the most current City of Roseville's Quality Assurance Program. The Contractor shall perform all testing to verify compliance with the Specifications of any and all materials furnished by the Contractor. The Contractor shall submit and receive the Engineer's approval of all compliance test results prior to incorporating materials into the project. The Contractor may elect to place material without the approved certificates of compliance and mix designs and shall be at the Contractor's own risk. The Contractor shall notify the Engineer in writing to get the approval of placement, and $10,000.00 will be withheld from the Contractor's progress payment for each certificate of compliances and mix designs until the certificate of compliances and mix designs are submitted approved.

Samples, certificates of compliance, lists of materials and material sources, access to facilities, requests for testing and all other data relating to material testing shall conform to Section 6 of the Standard Specifications, "Control of Materials." The City will perform Quality Assurance testing in accordance with the City's Quality Assurance Program (QAP).

Full compensation for conforming to all requirements specified in this Section, "Control of Materials," shall be considered as included in the contract price paid for various contract items of work and no additional compensation will be allowed

6-3.01 GENERAL

Samples, certificates of compliance, lists of materials and material sources, access to facilities, requests for testing and all other data relating to material testing shall conform to Section 6 of the State Standard Specifications, "Control of Materials." Contractor shall provide the Engineer with five (5) working days' notice of the need for material testing.

Full compensation for conforming to all requirements specified in this section, "Control of Materials," shall be considered as included in the contract price paid for various contract items of work and no additional compensation will be allowed.

6-3.03 HAZARDOUS MATERIALS

The Contractor shall comply with Hazardous Materials Handling Regulations.-The construction contractor shall comply with all applicable federal, state, and local regulations for the handling of hazardous materials during construction. The City shall verify that acceptable materials handling provisions have been complied with by obtaining necessary documentation from agencies governing hazardous material handling (e.g., California State Water Resources Control Board).

SECTION 7. LEGAL RELATIONS AND RESPONSIBILITY

7-1.02I(3) LABOR NONDISCRIMINATION

Attention is directed to the following Notice that is required by Chapter 5 of Division 4 of Title 2, California Code of Regulations.

NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM (GOV. CODE, SECTION 12990)

Your attention is called to the "Nondiscrimination Clause", set forth in Section 7-1.02I(2), " Nondiscrimination," of the Standard Specifications, which is applicable to all nonexempt state contracts and subcontracts, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth therein. The Specifications are applicable to all nonexempt state construction contracts and subcontracts of $5,000 or more.

7-1.02K(5) WORKING HOURS

Construction working hours will be 7:30 AM to 5:30 PM, Monday thru Friday. Requests for authorization to perform work outside of the working hours, must be made at least 72 hours in advance.

If the contractor requires a lane closure or movement restriction on an Arterial Roadway to accommodate work, the City shall reduce the working hours or require the work to be performed at night at its' discretion.

7-1.02N SOUND CONTROL REQUIREMENTS

Noise level requirements shall apply to all equipment on the job, including but not limited to trucks, transit mixers or transient equipment that may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel. The Roseville Municipal Code, Chapter 9.24 "Noise Regulations" can be viewed at the City of Roseville City Clerk's Office, Located at 311 Vernon Street, Roseville, California or online at http://qcode.us/codes/roseville/.

Construction equipment shall be properly maintained per manufacturer's specifications and fitted with the best available noise suppression devices (i.e. mufflers, silencers, wraps, etc). The

Contractor shall shroud or shield all impact tools, and muffle or shield all intake and exhaust ports on power equipment.

Construction equipment should not be idled for extended periods of time in the vicinity of noise sensitive receptors.

The Contractor shall locate fixed and/or stationary equipment as far as possible from noise sensitive receptors (e.g., generators, compressors, rock crushers, cement mixers).

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for various contract items of work involved, and no additional compensation will be allowed therefor.

7-1.02K(2) WAGES

Attention is directed to Section 7-1.02k (2), "Wages," of the Standard Specifications. In addition to the requirements of the Standard Specification, the following shall apply.

The general prevailing wage rates determined by the Director of Industrial Relations, for the county or counties in which the work is to be done, are available at the City of Roseville Clerks Office (311 Vernon St). Changes, if any, to the general prevailing wage rates will be available at the same location.

7-1.03 PUBLIC CONVENIENCE

In addition to the requirements of Section 7-1.03 and section 12-4 of the Standard Construction Specifications, the following shall apply:

The Contractor shall immediately remove all asphalt material on gutters, sidewalks, and driveways that was tracked or sprayed by equipment or personnel under the Contractor's control.

The use of flagmen, barricades and construction signing shall comply with the current edition of the California (MUTCD)or as required by the Engineer. All construction traffic control devices shall be in place and operational prior to beginning work or different phases throughout the contract.

The Contractor shall submit at the Pre-Construction meeting a plan showing traffic control measures and/or detours for vehicles and pedestrians affected by the construction work to the Engineer for review and acceptance. A minimum of 5 working days will be required to review and provide the Contractor with comments on the plan. The Contractor will not be allowed to begin work until a traffic control plan has been accepted by the Engineer. A copy of the traffic control plan/detour plan must be kept at the job site at all times.

The Contractor shall notify local businesses and residents 24 hours prior to cutting off their access for periods in excess of 2 hours. Notice may be given verbally, or written notice may be placed on or near the building entrance or the property access point to be closed. The Contractor shall cooperate with local businesses for access to the maximum extent physically possible.

Temporary lane closures shall conform to the provisions in Section 12 of these Special Provisions entitled "Construction Area Traffic Control Devices." Temporary lane closures will be allowed only during approved working hours and/or as accepted by the Engineer.

Seventy-two (72) hours in advance of any lane closures, the Contractor shall notify the Engineer, phone 746-1300, of any revisions to the proposed construction schedule and lane closure sequence.

The Contractor shall cooperate, keep current and notify the Engineer (746-1300) of his/her construction operation and traffic control changes five (5) days before work is to begin or traffic changes are made. The Contractor shall cooperate with local authorities relative to handling traffic through the area and shall make his/her own arrangements in keeping the working area clear.

The Contractor shall be responsible for informing the public of the traffic conditions existing within the construction area at all times by placement of appropriate warning and advisory signs. The Contractor shall provide and maintain all traffic control and safety items. The Contractor assumes sole and complete responsibility for job and site conditions during the course of construction, including safety of all persons and property. This requirement shall apply continuously 24 hours/day and shall not be limited to normal working hours.

Whenever vehicles or equipment are parked within a traffic lane, the shoulder area shall be closed with flourescent traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of 9 cones or portable delineators shall be used for the taper. A C23 (Road Work Ahead) or a C24 (Shoulder Work Ahead) sign shall be mounted on a telescoping flag tree with flags. The flag tree shall be placed where directed by the Engineer.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way or shoulders, including any section closed to public traffic. No equipment will be allowed to be parked within any traffic lane or median after work hours.

No work that interferes with public traffic shall be performed between the hours listed, as follows:

4:00 p.m. to 7:30 a.m. Monday through Thursday, inclusive
3:30 p.m. to 7:30 a.m. Fridays/day preceding designated holidays

The full width of the traveled way (or min. 11’ of pavement width) shall be open for use by public traffic on Saturdays, Sundays, designated holidays, after 4:00 p.m. on Fridays and the day preceding designated holidays, and when construction operations are not actively in progress.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor, if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract

change order.

Steel plates (minimum 3/4” thick) or other approved methods shall be used to cover all open excavation in or within 5 feet of the roadway during non-working hours. Plates installed in paved traffic lanes shall be secured with steel pins. The plate edges shall be protected by adding temporary AC (cut back) at least one (1) foot around plates.

Payment for work under this section shall be deemed included in the other various contract items of work, and no additional compensation shall be allowed therefor.

7-1.04 PUBLIC SAFETY

In addition to the requirements specified in this Section of the Standard Specifications, the following shall apply:

The Contractor shall be polite to citizens encountered during the course of the work. Loud music, foul language, and cursing are not permitted.

The Contractor shall cooperate with and notify the local police and fire departments, refuse, ambulance services, transit, and Public Works Street Division of proposed construction operations 2 days before work is to begin.

The Contractor shall be responsible to notify, in writing and in person, and coordinate their schedule with schools that may be in or adjacent to the projects area.

A traffic control system shall consist of closing traffic lanes in accordance with the provisions of Section 7-1.03 “Public Convenience” and Section 12 “Temporary Traffic Control” of the Standard Specifications and these Special Provisions. All traffic control shall be under the direction of and coordinated with the Engineer. The Contractor shall submit a traffic control plan subject to approval of the Engineer.

The Contractor shall install temporary railing (type K) between any lanes carrying public traffic and any excavation, obstacle, or storage area when the following conditions exist:

1. Excavations - any excavation near the edge of which is 12 feet or less from the edge of the lane, except;

a. Excavations covered with steel or concrete covers of adequate thickness to prevent accidental entry by traffic or the public.

b. Excavations less than 6” inches deep.

c. Trenches less than one foot wide for irrigation pipe or electrical conduit or excavations less than one foot diameter.

d. Excavations in side slopes, where the slope is flatter than 4:1.

e. Excavations protected by existing barrier or railing.

2. Temporarily unprotected permanent obstacles - Whenever the work includes the installation of a fixed obstacle together with a protective system, such as a sign structure together with protective railing, and the Contractor elects to install the obstacle prior to installing the protective system; or whenever the Contractor, for his convenience and with permission of the Engineer, removes a portion of an existing protective railing at an obstacle and does not replace such railing complete in place during the same day.

3. Storage areas - Whenever material or equipment is stored within 12 feet of the lane and such storage is not otherwise prohibited by the Standard Specifications or these Special Provisions.

Except for installing, maintaining and removing traffic control devices, whenever work is performed or equipment is operated in the following work area the Contractor shall close the adjacent traffic lane unless otherwise provided in the specifications:

Approach Speed of Public Traffic (Posted Limit)	Work Areas
0 to 45	Within 3 feet of a traffic lane but not on a traffic lane.
Over 45	Within 6 feet of a traffic lane but not on a traffic lane.

When traffic cones or delineators are used to delineate a temporary edge of traffic lane, the line of cones or delineators shall be considered to be the edge of traffic lane, however, the Contractor shall not reduce the width of an existing lane to less than 10 feet without written approval from the Engineer. The lane closure provisions of this section shall not apply if the work area is protected by permanent or temporary railing or barrier.

When work is not in progress on a trench or other excavation that required a lane closure, the traffic cones or portable reflectorized (night traffic) delineators used for the closure shall be placed off of and adjacent to the edge of the traveled way. The spacing of the cones or delineators shall be not more than the spacing used for the lane closure.

Pedestrian access through a site when work is not in progress shall be provided for with a minimum of 4 feet in width continuous wood walks and shall be kept clear. In other words, a continuous plywood path through the site where the concrete has been excavated.

The provisions in this section will not relieve the Contractor from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in this section of the Standard Specifications. The Contractor shall provide electric arrow boards for lane reductions as required by the Standard Specifications.

Payment for work under this section shall be deemed included in other various contract items of work, and no additional compensation shall be allowed therefor.

SECTION 8. PROSECUTION AND PROGRESS

8-1.01 GENERAL

In addition to the requirements specified in this section of the Standard Specifications, the following shall apply:

Prior to commencement of work, the contractor shall prepare and provide a Traffic Control Plan that conforms to section 12, “Temporary Traffic Control.” If approved, the work shall be performed in conformance with the phases of construction shown on the

For Chip Seal, Micro-surfacing, Slurry Aeal or Cape Seal areas:

1. Calibrate.
2. Micro-surfacing Test Strip.
3. Place and maintain Best Management Practices (BMP). The BMPS shall remain in place until final sweeping is completed, accepted and then remove.
4. Remove vegetation, striping, and sweep streets prior to placing the Chip Seal, and Microsurfacing operations of work.
5. Place temporary painted striping.
6. Place ½ -inch polymer modified Asphalt Rubber chip seal.
7. Roll and sweep ½ -inch polymer modified asphalt rubber chip seal.
8. Place temporary painted striping.
9. Sweep streets prior to placing the micro-surfacing application.
10. Place micro-surfacing
11. Roll streets.
12. Sweep curbs, gutter, sidewalk and streets after rolling is completed.
13. Follow sweeping schedule.
14. Place permanent striping.
16. Follow sweeping schedule.

After resurfacing the roadway and before the roadway is opened for use by the public, the Contractor shall place temporary pavement delineation.

Micro-surfacing shall be placed no earlier than 7 calendar days after Chip Seal operation on roads to receive Cape Seal as shown on the plans.

Permanent pavement delineation shall be installed no earlier than 7 calendar days and no later than 14 calendar days after the Chip Seal, Micro-surfacing, or Roseville Cape Seal application.

8-1.02 SCHEDULE

In addition to the requirements specified in this section of the Standard Specifications, the following shall apply:

> A preliminary critical path method (CPM) schedule shall be submitted by the Contractor at the preconstruction conference, and within 10 calendar days of the Work Order, and within 15 working days of the Engineer's written request at any other time. No progress payments will be made on the project until a CPM schedule is submitted and accepted by the Engineer.

The construction schedule shall clearly show the sequence and interdependence of construction activities and shall list specifically activities for obtaining, delivering, installing and completing of each major piece of equipment, materials and other supplies.

The construction schedule shall:

a. Be a calendar-time scaled network diagram.
b. Include time for the Engineer to review submittal or inspect the work.
c. Identify the activities which constitute the controlling operation or critical path.

In addition, the progress schedule shall state the street name or trail segment, the anticipated start and completion dates and the type of construction operation anticipated for each street, and an alternate date in the event the Contractor does not meet their schedule. Work that exceeds the stated completion date shall be understood as being out of conformance with the progress schedule and these Special Provisions. Strict conformance to the progress schedule shall be maintained and should the Contractor not meet their schedule liquidated damages shall apply as outlined in these Special Provisions, the only acceptable delay is due to weather.

Once each month, or as deemed necessary by the Engineer, the Contractor shall submit a revised progress schedule and participate with the Engineer in a schedule review to update activity progress. Scheduling of change for extra work orders is the responsibility of the Contractor. The Contractor shall revise the schedule drawing to incorporate all activities involved in completing the change or extra work order and submit it to the Engineer for review. With the concurrence of the Engineer, change or extra work orders of a magnitude less than $1,000 do not need to be scheduled, unless the order affects the contract critical path, or other outside parties.

If the Engineer finds the Contractor is entitled to an extension of any completion date under the provisions of the contract, the Engineer's determination of the total number of days extension will be based upon the current analysis of the schedule and upon data relevant to the extension.

The Contractor acknowledges and agrees that delays to non-critical activities (those with float) will not be the basis for a time extension. Non-critical activities are those activities which, when delayed, do not affect the contract completion date. All float time

will jointly belong to the City and Contractor.

Payment for work under this section shall be deemed included in various contract items of work, and no additional compensation shall be allowed therefor.

8-1.03 PRECONSTRUCTION CONFERENCE

Replace the requirements specified in this section of the Standard Specifications with the following:

Prior to the start of construction, a preconstruction conference will be called by the Engineer for the purpose of discussing with the Contractor the scope of work, contract drawings, specifications, existing conditions, materials to be tested, equipment to be used, and all essential matters pertaining to the prosecution and the satisfactory completion of the project as required. The Contractor's representation at this conference shall include all major superintendents for the work and may include major Subcontractors and material suppliers.

In addition to the preconstruction conference, there will be a pre- micro-surfacing meeting to discuss the micro-surfacing operations and layout, working hours, traffic control plans, and the Subcontractors performing the work shall be present.

The Contractor shall be responsible to coordinate utility relocations within the project area. Coordination of utilities within the project limits, including relocations and maintenance of existing facilities and additions thereto, shall be confirmed in writing by utility representatives and the Contractor at this conference or within 5 working days thereafter.

8-1.04 START OF JOB SITE ACTIVITIES

The first paragraph of Section 8-1.04B shall be amended to read:

> Start job site activities within 30 days after receiving the first "Work Order" letter executed by the Engineer and prosecute the work diligently to completion. For each subsequent Work Order, Start job site activities within 90 days after receiving the “Work Order letter executed by the Engineer and prosecute the work diligently to completion.The Engineer reserves the right to delay the start of job site activities for any work order.

Preconstruction Conference -- Prior to the commencement of a Work Order, a preconstruction conference will be called by the Engineer for the purpose of discussing with the Contractor the scope of work, contract drawings, specifications, existing conditions, materials to be tested, equipment to be used, and all essential matters pertaining to the prosecution and the satisfactory completion of the project as required. The Contractor's representative at this conference shall include all major superintendents for the work and may include major subcontractors and material suppliers.

Full compensation for conforming to the provisions in this section, not otherwise provided for, shall be considered as included in prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

8-1.08 TIME OF COMPLETION

In addition to the provisions in the Standard Specifications, all work **and punch list items** shall be completed within the working days specified in each work order. The amount of working days specified in each work order will be calculated based on the estimated quantity of each work order using the production values noted below. These productions have been reduced from normally expected production rates to account for incidental scopes of work that can be expected with typical roadway or trail maintenance project (adjusting iron, temporary delineation, permeant delineation, BMPs, etc). The sum of the days will be rounded up to the nearest day then 15 days will be added to account for punchlist items, sweeping, and various other miscellaneous work.

(S) Cold Plane Asphalt Concrete 4-inches (Digouts)	SY	225	SY/DAY
(S) Cold Plane Asphalt Concrete 2-inches	SY	7500	SY/DAY
(S) Cold Plane Asphalt Concrete Conforms	SY	6000	SY/DAY
(S) Hot Mix Asphalt (Type A) Digouts	TN	75	TON/DAY
(S) Hot Mix Asphalt (Type A)	TN	375	TON/DAY
Slurry Seal (Type I)	SY	3800	SY/DAY
Micro-Surfacing (Type II)	SY	21000	SY/DAY
Roadway Excavation	CY	50	CY/DAY
1/2 INCH POLYMER MODIFIED ASPHALT RUBBER (PMAR) CHIP SEAL	SY	21000	SY/DAY
1/2 INCH POLYMER MODIFIED ASPHALT RUBBER (PMAR) CHIP SEAL (With Fabric)	SY	10500	SY/DAY

An item and duration for "Punch List Days" must be included in the Progress Schedule - Section 8-1.02 "Schedule".

A punch list will be created after all bid items have been completed by the Contractor and it shall be the Contractor's responsibility to notify the Engineer in writing that all bid items have been completed. All punch list items shall be completed within the specified contract working days. The project will not be accepted until all punch list items have been completed.

8-1.10 LIQUIDATED DAMAGES AMOUNT

8-1.10A GENERAL

Replace the requirements specified in this section of the Standard Specifications with the following:

The Department specified liquidated damages (Pub Cont Code 10226). Liquidated damages, if any, accrue starting on the 1st day after the expiration of the working days through the day of Contract acceptance except as specified in section 8-1.10B and 8-1.10C. The Department withholds liquidated damages before the accrual date if the anticipated liquidated damages may exceed the value of the remaining work. Liquidated damages for all work except plant establishment are shown in the following table:

Liquidated Damages		
Total Work Order		Liquidated damages per day
From Over	To	
$0	$100,000	$1,000
$100,000	$500,000	$1,500
$500,000	$1,000,000	$1,900
$1,000,000	$2,000,000	$3,000
$2,000,000	$5,000,000	$4,000
$5,000,000	$10,000,000	$5,400

If all work except plant establishment is complete and the total number of working days have expired, liquidated damages are $950 per day.

8-1.10B FAILURE TO COMPLETE WORK PARTS WITHIN SPECIFIED TIME

Replace the requirements specified in this section of the Standard Specifications with the following:

The Contractor shall stop placement of micro-surfacing 2 hours prior to the last scheduled working hour for the roadway. The Contractor shall pay to the City liquidated damages of $1,000 per hour for each hour, or portion of an hour, that micro-surfacing is placed beyond 2 hours prior to the last scheduled working hours.

The roadway shall be fully opened to traffic by the end of the roadways last working hour. The Contractor shall pay to the City liquidated damages of $1,000 per hour for each hour, or portion of an hour, after the last working hour is exceeded and that a traveled lane remains closed due to the Contractor's operations.

After the working hours of the roadways are exceeded by 1 hour of the last working hour, the Contractor shall pay to the City liquidated damages of $2,000 per hour for each hour, or, portion of an hour, that a traveled lane remains closed due to the Contractor's operations.

The Engineer will provide written notice of non-conformance to the Contractor within 24 hours of the violation. All Contractor's equipment, machinery, traffic control, and personnel shall be off of the pavement and all lanes shall be open to traffic to be considered as full compliance.

Any progress payment made after the completion date shall not be construed as a waiver of liquidated damages.

8-1.10C FAILURE TO COMPLETE WORK BY SPECIFIED TIME

Replace the requirements specified in this section of the Standard Specifications with the following:

The Contractor shall pay to the City liquidated damages of $1,000 per day for each day, or portion of a day, should the micro-surfacing schedule not be met as outlined in section 8-1.02, “Schedule” of these Special Provisions. The Contractor shall pay to the City liquidated damages of $600 per day for each day, or portion of a day, that a street is not swept as outlined in sections 37-2.03I and 37-3.03C(8), “Sweeping” of these Special Provisions.

The Engineer will provide written notice of non-conformance to the Contractor within 24 hours of the violation. All Contractor's equipment, machinery, traffic control, and personnel shall be off of the pavement and all lanes shall be open to traffic to be considered as full compliance.
Any progress payment made after the completion date shall not be construed as a waiver of liquidated damages.

SECTION 9. PAYMENT

9-1.02 MEASUREMENT

In addition to the requirements of Section 9-1.02 of the Standard Construction Specifications, the following shall apply:

Payment for all work bid at a price per unit of measurement will be based upon actual quantities of work as measured upon completion. The City does not expressly or by implication agree that the actual amount of work or materials of any class will correspond to the estimated quantities provided in Section II of this proposal. The Contractor shall make no claim for anticipated profits, or loss of profit, for damages, or for any extra payment because of any difference between the amount of work actually done of materials furnished and the estimated amount.

The items bid on an “each” basis shall result in a complete structure, in satisfactory working condition in respect to the functional purpose of the installation and no extra compensation will be allowed for anything omitted but fairly implied. Full compensation for additional materials and labor, whether or not shown on the drawing or specified, which are necessary to complete all the work will be considered as included in the price paid for the work, and no additional compensation will be allowed therefor.

Payment for mobilization shall be per work order and is based on the value of the work order as specified in the bid proposal. A work order may consist of multiple locations and no additional compensation will be made therefor. Only one mobilization bid item will be utilized per task order.

9-1.06 CHANGED QUANTITY PAYMENT ADJUSTMENTS

The requirements specified in of the State Standard Specifications shall be replaced as follows:
All bid quantities are rough estimates and are not guaranteed. Any increase or reduction of bid quantities shall not have any effect on the unit prices.

9-1.07D FINAL PAYMENTS AND CLAIMS

In addition to Section 9-1.07D of the Standard Specifications, the Contractor shall submit Form CC4: Final Release Form. This form must accompany any request for final payment (See Appendix A).

9-1.09 PARTIAL PAYMENTS

In addition to of the provisions within the Standard Specifications, the Contractor shall submit all request for progress payments using the forms included in Appendix A:

Form CC1: Progress Payment Request. This form is to be completed and signed by the Contractor and attached as a cover sheet to his/her request for payment. This form will be mandatory on all contract payment request.

Form CC2: Progress Payment Request - Detail. This form may be used by the Contractor to provide the detail required to verify the payment quantities. (City will accept the Contractor's form if it provides the required information.)

Form CC3: Quantity Change Verification Form. This form is required before any payment can be made based on actual quantities exceeding estimated quantities. At the conclusion of the contract, the City will issue a "Balancing Change Order" incorporating all quantity increase and decrease in the contract items of work.

SECTION 12. TEMPORARY TRAFFIC CONTROL

12-1.01 DESCRIPTION

The requirements of Section 12 of the Standard Specifications shall apply along with the requirements stated in this Section of the Project Special Provisions.

A specialty construction zone traffic control contractor shall be responsible for setting up and removing all traffic control. A specialty contractor includes a contractor whose operations are concerned with preparing or removing roadway construction zones, lane closures, flagging, or traffic diversions on roadways, utilizing portable devices, such as cones, delineators, barricades, sign stands, flashing beacons, flashing arrow trailers, and changeable message signs, on roadways including, but not limited to, public streets, highways, or any public conveyance.

No person or entity shall set up or remove roadway construction zones, lane closures, flagging, or traffic diversions on any roadway unless that person or entity holds the appropriate specialty license pursuant to this provision.

The Contractor shall have on their payroll a person responsible for all traffic control required for this project. The person shall be on site at all times whenever traffic control is in effect. Contractor shall identify this person at the pre-construction meeting.

Should the Contractor decide to subcontract the traffic control portion of this project, the subcontractor shall be available as previously described. In addition, the Contractor shall also appoint a person to oversee the traffic control operations. The contractor's appointee shall be available and responsible to implement the necessary traffic control plan according to the accepted traffic control plan and the latest edition of the California Manual on Uniform Traffic Control Devices (California MUTCD).

12-2.01 TRAFFIC CONTROL PLAN

The Contractor shall prepare and submit to the City a traffic control plan for the construction areas requiring traffic control. The Contractor shall revise the plan per the City's comments until the plan is accepted by the City. The City will not allow construction to begin in the designated construction area, until an acceptable traffic control plan is received and approved by the City.

Safety and public convenience are of primary intent in the trafic control plan. (See sections 7-1.03 & 7-1.04). Detours shall be used when possible to increase public convenience. Before the end of each working day, the Contractor shall provide a safe path no less than four feet in width for pedestians to cross at each ramp location. Contractor to stagger ramp closures in order to ensure each address has a reasonable detour route. Contractor shall include in his/her bid price per ramp all plywood sheeting, steel plating, barricades and temporary signs required to provide such access, as required by the Engineer.

The Contractor shall cooperate, keep current and notify the local police and fire department, ambulance services, post office, trash collectors, and residents of proposed construction operations and traffic control changes two (2) days before work is to begin if traffic changes are made. In addition, the Contractor shall make available an employer representative and a 24 hour telephone number in case of emergencies and/or problems.

12-2.02 DRIVEWAYS

Driveways may only be closed after giving the property owner 48 hour advance notice of the closure. Driveways may only be closed during normal work periods. At no time shall all driveway access into the property be closed off simultaneously. The concrete for the driveways shall have at least 7 days to cure prior to allowing traffic to cross them. The Contractor shall provide access for the property owner during the curing period through the use of steel plates or alternate methods as approved by the Engineer.

As a minimum requirement, the Contractor shall place a barricade at each site and shall state, "NO PARKING within 20 ft. of barricade." 48 hours prior to beginning work in the area. If vehicles are parked in the working area, the Contractor shall not attempt to move the vehicle. The Contractor shall notify the Engineer immediately and the Engineer shall make proper arrangements to remove the vehicle.

To aid the Contractor in keeping the work area clear of parked vehicles, the Contractor

shall distribute a notification letter printed on company letterhead 48 hours prior to beginning work to those residents within the construction work zone. The notification letter is provided in the Construction Details. All blank lines shall be filled in with the appropriate information. The Contractor shall specify in the notification letter a three-day span in which construction will begin.

12-2.03 FLAGGING COST

Full cost for furnishing all flaggers, including transporting flaggers, to provide for the passage of public traffic through the work under the provisions in Section 7-1.03 “Public Convenience” and Section 7-1.04 “Public Safety” is to be included in the Contractor’s bid for various items of work, and no additional compensation will be allowed.

12-4.01A GENERAL

At the preconstruction conference, the Contractor shall submit a Traffic Control Plan showing traffic control measures and/or, if approved, detours for vehicles and pedestrians affected by the construction work. A minimum of 5 working days will be required to review and provide the Contractor with comments on the plan. The Contractor shall revise the plan per the City's comments until the plan is accepted by the Engineer. The Contractor will not be allowed to begin work until the Engineer has accepted the traffic control plan.

The Contractor shall be responsible for informing the public of the traffic conditions existing within the construction area at all times by placement of appropriate warning and advisory signs. The Contractor shall provide and maintain all traffic control and safety items. The Contractor assumes sole and complete responsibility for job and site conditions during the course of construction, including safety of all persons and property. This requirement shall apply continuously 24 hours per day and shall not be limited to normal working hours.

The Traffic Control Plan shall cover all stages of work, per site, and include (but not limited to) the following information and detail: (1) Street or Trail closures and detours; (2) construction, warning, detour and restriction signs, including "No Parking", “Loose Gravel”, “Construction Area Speed limit Signs, “and “Bump Ahead” signs; (3) temporary striping and pavement markers; (4) barricades; (5) flashing arrow signs; (6) lighted message boards; (7) portable delineators; (8) traffic cones; (9) lights, flares, flaggers, and spacing’s.

A copy of the accepted Traffic Control Plan must be kept at the job site at all times.
Temporary lane closures will be allowed only during approved working hours. Contractor shall provide at least 1 lane in each direction on all existing streets throughout the construction project unless otherwise approved in writing by the Engineer.

When work is performed within an intersection, the Contractor shall place the traffic signal in red flash. The Contractor shall submit a Red Flash Request form at least 48 hours in advance of placing a traffic signal on flashing red. The City shall provide

written approval prior to signal reprogramming. The Red Flash Request Form is included in Appendix B. If no work is being performed with an intersection, the Contractor shall place the traffic signal into normal operations.

At all intersections, the Contractor shall provide a minimum of 2 flaggers per intersection while the intersections are in red flash, or as determined by the Engineer.

The Contractor shall diligently progress with operations within signalized intersections and communicate with the Engineer for restoring signalized intersections to normal operations once the Contractor's operations are complete within the limits of signalized intersections.

The Contractor shall cooperate with and notify the local police and fire department, ambulance services, post office, refuse collectors, schools and school districts, transit, and residents of proposed construction operations and traffic control operations a minimum of 5 working days before work is to begin in each work area. If changes are made to the Traffic Control Plan, Contractor shall re-notify at least 2 working days before work is to begin. In addition, the Contractor shall make available a 24 hour telephone number in case of emergencies and/or problems.

The Contractor will be responsible for notifying residents and businesses of the proposed construction. Notifications shall be distributed to residents and businesses within a 100 feet radius of the job limits, including residents and businesses located on streets adjacent to the construction.

Notifications to affected residents and businesses within the Chip Seal, Micro-surfacing, or Cape Seal areas and shall consist of 2 phases which shall be performed for the Chip Seal and Micro-surfacing applications.

The first phase notifies the affected residents and businesses of the upcoming construction through the use of "door hanger" type formatted notifications. The notification shall state the street name, the working hours, and the anticipated begin and completion dates for each street. A sample of the required notification is located within Appendix C of these Special Provisions. The Contractor shall distribute the door hanger notifications a minimum of 5 working days in advance of the Chip Seal. This shall be repeated for the Micro-surfacing portion of work. At the preconstruction conference, the Contractor shall provide the Engineer a copy of the proposed notification letter for acceptance.
Notifications shall be tucked neatly in doorjambs, handles, or partially under mats. Notifications shall not be glued, stapled, tacked, or otherwise attached to property. The Contractor shall take care to stay on designated walkways during delivery of notifications, and be polite to citizens encountered.

The second phase consists of the Contractor posting "No Parking" signs on barricades 48 hours prior to the Chip Seal on streets that allow parking. The "No Parking" signs shall also include the exact working day that the resurfacing work will take place. A warning indicating that vehicles will be towed away at the owner's expense shall also be

included on the “No Parking” signs. In addition, the Contractor shall make available a 24 hour telephone number in case of emergencies and/or problems and shall post the telephone number on the “No Parking” signs. The Contractor shall be responsible for placing temporary “No Parking” signs in advance of any construction activity. Barricades shall be placed a maximum of 500 feet apart, on both sides of the affected street. This shall be repeated for the Micro-surfacing portion of work. At the preconstruction conference, the Contractor shall provide the Engineer a copy of the proposed notification “No Parking” for acceptance.

The Contractor shall be responsible for placing “Construction Speed Limit” signs on both sides of the affected street 1 hour prior to the street being opened to traffic. The speed limit for the “Construction Speed Limit” signs cannot be less than 10 mph below the posted speed. At the preconstruction conference, the Contractor shall submit to the Engineer a sample “Construction Speed Limit” sign for acceptance. Signs shall be placed a maximum of 500 feet apart, on both sides of the affected street.

Emergency access to driveways, intersections, streets, and trails shall be maintained at all times. If vehicles are parked in the working area, the Contractor shall not attempt to move the vehicle. The Contractor shall notify the Engineer immediately, and the Engineer shall make proper arrangements to remove the vehicle.

Lane and street closure shall not be allowed without proper advance warning devices, signing and flag persons in conformance with the State Standard Specifications and these Special Provisions. At the completion of each working day, all lanes of traffic shall be open to the public. Street closure shall not be allowed on schedule refuse collections days.

The provisions in this section shall not relieve the Contractor from his/her responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.09, "Public Safety.”

Traffic Control shall include all labor, tools, equipment and materials required to provide, maintain, and remove all signage, flagmen, temporary barricades, and appurtenances to provide traffic control within the project limits as set forth in the State Standard Specifications, California Manual on Uniform Traffic Control Devices (CAMUTCD), these Special Provisions, and as directed by the Engineer.

The Contractor shall have on their payroll a competent person responsible for all traffic control required for this project. The person shall be on site at all times whenever traffic control is in effect. Contractor shall identify this person at the preconstruction conference.

Should the Contractor decide to subcontract the traffic control portion of this project, the Subcontractor shall be available as previously described. In addition, the Contractor shall also appoint a person to oversee the traffic control operations. The Contractor's appointee shall be available and responsible to implement the necessary traffic control

plan according to the accepted traffic control plan and the latest edition of the California Manual on Uniform Traffic Control Devices (CAMUTCD).

Any vehicle used to place, maintain, or remove components of a traffic control system on multilane highways at night shall be equipped with a Type II flashing arrow sign which shall be in operation at all times while the vehicle is being used for placing, maintaining, or removing said components. The sign shall be controllable by the operator of the vehicle while the vehicle is in motion.

During the working hours, the Contractor may, with the Engineer's approval, close 1 of the traffic lanes in each direction of existing 4 lane and 6 lane roads, to perform the required work. Lane closure shall not be allowed without proper advance warning devices and signing, and flag person control in conformance with the State Standard Specifications and these Special Provisions. The Engineer shall be the sole judge of the spacing, length, and sequence of the lane closure areas. At the completion of each working day, all existing lanes of traffic shall be maintained open to traffic and temporary traffic markers shall be placed (if necessary). Provisions must be made for the uninterrupted passage of emergency vehicles through the project limits at all times, regardless of controlled traffic conditions existing at the time.

If any component in the traffic control system is displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

If there is a discrepancy and/or the Traffic Control Plan submitted and approved by the City is not followed Contractor shall correct the discrepancy within 1 hour. If this is not mitigated the Contractor will stop work as directed by the Engineer.

All traffic control that requires a lane closure, movement restriction, or other control impacting movements on or from an arterial or collector require Changeable message sign placed 10 working days in advance notifying the traveling public of the upcoming work, working hours, and duration.

12-4.02C(3)(a) GENERAL
Non-compliance with the traffic lane closure hours as specified in these Special Provisions shall result in a deduction from the Contractor’s progress payment(s) as specified in section 8-1.10B.

12-4.10 RESERVED
The requirements specified in of the State Standard Specifications shall be replaced as follows:

Full compensation for conforming to all requirements specified in section 12, “Temporary Traffic Control,” excluding section 12-6, “Temporary Pavement Delineation,” shall be considered as included in the Contractor’s bid for various items of work, and no additional compensation will be allowed.

12-6 TEMPORARY PAVEMENT DELINEATION

12-6.01 GENERAL

Nothing in these Special Provisions shall be construed as reducing the minimum standards specified in the California MUTCD or as relieving the Contractor from the responsibilities specified in Section 7-1.04, "Public Safety."

Whenever existing thermoplastic traffic stripes, pavement markings and pavement markers are obliterated the minimum temporary pavement delineation to be provided shall be a single coat of waterborne traffic line paint applied in conformance with section 84, "Markings" of the State Standard Specifications and these Special Provisions.

Temporary striping traffic paint shall be placed in three stages of work; temporary traffic striping shall be placed after existing thermoplastic striping in removed, after chip seal placement, and after micro-surfacing placement. In addition, after any existing thermoplastic pavement striping. markings, and pavement markers or temporary paint has been obliterated by Chip Seal, Micro-surfacing, or Roseville Cape Seal operations, another (single) coat of waterborne traffic line paint shall be installed prior to opening the traveled way to public traffic or as determined by the Engineer. No significant difference in alignment between temporary paint and the final thermoplastic stripes and markings shall be allowed. If, in the opinion of the Engineer, a misalignment exists it shall be repaired to the satisfaction of the Engineer at the Contractors expense. The temporary paint shall be the same color as the laneline or centerline the markers replace.

The temporary paint shall be applied at an approximate rate of 1 gallon per 215 square feet.
The use of temporary raised pavement markings will only be permitted for use after the micro-surfacing is placed and shall only be used for lane line delineation, and placement with adhesive nailing is not permitted. All raised pavement markers shall be removed prior to the placement of thermoplastic traffic stripes and pavement markings are installed.

Temporary pavement delineation on the final pavement surface shall be laid out in its final location, with the exception of locations where significant striping changes are to be made (changed lane assignments, new lanes, etc). Temporary pavement delineation on the final pavement surface shall be laid out by a C-32 – Parking and Highway Improvement Contractor licensed contractor.

Paint shall be used to install temporary "STOP" markings prior to opening a roadway to traffic. These temporary markings shall be in the exact locations as the final striping layout.

The use of temporary raised pavement markers will not be permitted wherever permanent thermoplastic traffic stripes or pavement markers or markings are to be installed.

12-6.03B TEMPORARY LANE LINE AND CENTERLINE DELINEATION

Temporary laneline or centerline delineation consisting entirely of painted pavement markers placed on longitudinal intervals of not more than 24 feet shall be used on lanes open to public traffic for a maximum of 14 days. Prior to the end of the 14 days, the permanent pavement delineation shall be placed. If the permanent pavement delineation is not placed within the 14 days, additional temporary pavement delineation shall be provided at the Contractor's expense. The additional temporary pavement delineation to be provided shall be equivalent to the pattern specified for the permanent pavement delineation for the area, as determined by the Engineer.

If no-passing centerline pavement delineation is obliterated, install the following temporary no-passing zone signs before opening lanes to traffic:

1. W20-1 (Road Work Ahead) sign from 1,000 to 2,000 feet in advance of the no-passing zone
2. R4-1 (Do Not Pass) sign at the beginning of the no-passing zone and at 2,000-foot maximum intervals within the no-passing zone
3. W7-3a (Next ___ Miles) plaque beneath the W20-1 sign for continuous zones longer than 2 miles
4. R4-2 (Pass With Care) sign at the end of the no-passing zone

The Engineer determines the exact location of temporary no-passing zone signs. Maintain the temporary no-passing zone signs in place until you place the permanent no-passing centerline pavement delineation.

Remove the temporary no-passing zone signs when the Engineer determines they are no longer required for the direction of traffic.

12-6.03C TEMPORARY EDGE LINE DELINEATION

Whenever edgelines (including golf cart lane lines and/or bike lane lines) are obliterated, the edgeline delineation to be provided for that area adjacent to lanes open to public traffic shall consist of a solid 4 inch wide traffic stripe of the same color as the stripe the temporary edgeline delineation replaces.

Traffic stripe (4 inch wide) placed for temporary edgeline delineation shall be applied in conformance with the manufacturer's recommendations.

Temporary edgeline delineation shall be removed when no longer required for the direction of public traffic, as determined by the Engineer or when the permanent pavement delineation is installed.

12-6.04 PAYMENT

The requirements specified in of the State Standard Specifications shall be replaced as follows:

Full compensation for conforming to all the requirements specified in section 12-6, "Temporary Pavement Delineation" shall be considered as included in the Contractor's bid for various items of work, and no additional compensation will be allowed.

SECTION 13. WATER POLLUTION CONTROL

13-1.01A SUMMARY

BMP devices shall conform to those shown within the City of Roseville's Storm Quality BMP Guidance Manual for Construction. BMP's shall remain in place and shall be maintained by the Contractor during the full construction process, plastic and or roofing paper is not acceptable to be used for drainage covers.

The acceptable DI protection is shown in Appendix D of these Special Provisions and shall be installed and maintained by the Contractor.

13-1.04 PAYMENT

Full compensation for conforming to all requirements specified in section 13, "Water Pollution Control" shall be considered as included in the Contractor's bid for various items of work, and no additional compensation will be allowed.

SECTION 14: ENVIRONMENTAL STEWARDSHIP

14-1.03 MITIGATION MEASURES

Work is restricted to periods of dry weather (less than 30% chance of rain.) Revegetation, restoration and erosion control are not confined to this period. The Contractor shall monitor the National Weather Service (NWS) 72-hour forecast for the project area.

The Contractor shall visually check for wildlife under parked vehicles and equipment within the project area prior to moving that equipment. If sensitive species are observed, the Engineer shall be contacted.

The Contractor shall allow any fish or wildlife it encounters during the course of the project to leave the work are unharmed.

Removal of vegetation shall not exceed the minimum necessary to complete the work. Contractor shall avoid all trees and shrubs.

Vehicles may enter and exit the work area as necessary for project activities, but may not be parked overnight within ten (10) feet of the drip line of any trees; nor shall vehicles be parked where mechanical fluid leaks may potentially enter the waters of the state.

Project building material and/or construction equipment shall not be placed where materials could pass into the waters of the state or where they may cover aquatic or riparian vegetation.

Any equipment or vehicles driven and/or operated within or adjacent to the stream shall be checked and maintained daily to prevent leaks of materials that could be deleterious to aquatic and terrestrial life or riparian habitat.

Stationary equipment such as motors, pumps, generators, and welders, located within or adjacent to the stream shall be positioned over drip pans or other secondary containment. Stationary heavy equipment shall have suitable containment to handle a catastrophic spill/leak.

No equipment maintenance or fueling shall be done within or near any stream channel or lake margin where petroleum products or other pollutants from the equipment may enter these areas.

Best management practices to prevent soil erosion and to control sediment must be implemented within the Project area. In addition, construction materials must be properly disposed of once the Project is completed.

The Contractor shall restore all exposed/disturbed areas and access points within the work area by seeding with an approved seed mix as soon as possible after construction activities and prior to October 15th.

Hazardous Materials. Debris, soil, silt, bark, rubbish, creosote-treated wood, raw cement/concrete or washings thereof, asphalt, paint or other coating material, oil or other petroleum products, or any other substances which could be hazardous to aquatic life, shall not be stored where it could be washed back into the channel or where it will cover aquatic or riparian vegetation. Equipment shall be stored in areas where any possible contamination from the equipment would not flow or be washed back into the channel. All debris shall be disposed of properly. BMPs shall be employed to accomplish these requirements.

Pollution and Litter. The Contractor shall comply with all litter and pollution laws. All contractors, subcontractors, and employees shall also obey these laws and it shall be the responsibility of Permittee to ensure compliance.

The Contractor shall not allow water containing mud, silt, or other pollutants from grading, aggregate washing, or other activities to enter a lake, streambed, or flowing stream or be placed in locations that may be subjected to high storm flows.

The Contractor shall not dump any litter or construction debris within the riparian/stream zone. All such debris and waste shall be removed from the worksite daily and properly disposed of at an appropriate disposal site.

SECTION 15. EXISTING FACILITIES

The Contractor is responsible for maintaining all pins and locks that are removed from bollards during the course of work. The Contractor will be charged $25 for each pin/lock combination missing on site.

15-1.03D DISPOSAL OF MATERIALS OUTSIDE THE HIGHWAY RIGHT OF WAY

In addition to Section 15 of the Standard Construction Specifications, the following shall apply:

The City has not made arrangements for disposal of excavated materials and construction debris including concrete, asphalt, organic material, aggregate base and unsuitable materials from the construction areas. Disposal of such materials shall conform to all local ordinances and regulations of the City of Roseville and the County of Placer relating to land grading, flood plains, drainage facilities and disposal of surplus materials.

All costs, charges and fees associated with such disposal shall be borne by the Contractor and included in the contract price paid for various bid items of work.

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The Contractor shall perform any clearance pruning necessary for equipment access under the direction of the Engineer and City Arborist. The Contractor shall notify the Engineer and City Arborist not less than two (2) working days in advance of performing clearance pruning. **Contractor shall apply "TreeKote" materials to protect trees and their roots after pruning and root grinding. TreeKote materials shall be applied with a stiff brush or a putty knife and as directed by the inspector.** The cost of clearance pruning, root removal, stump grinding, root grindings, and TreeKote application shall be included within the contract price paid for various other items of work, and no additional compensation or increase in working days will be granted for compliance with the directions of the City Arborists.

15-1.03H REMOVAL METHODS FOR TRAFFIC STRIPES AND PAVEMENT MARKINGS

Sandblasting of traffic stripes shall not be permitted. Removal of traffic stripes shall be by grinding or other method approved by the Engineer in writing.

Add section 15-2 as follows:

15-2 ADJUST EXISTING FACILITIES TO GRADE

15-2.01 GENERAL

15-2.01A SUMMARY

Section 15-2 includes specifications for adjusting existing facilities in the roadway to grade.

Work in this section shall conform to these Special Provisions, State Standard Specifications, and City of Roseville Construction and Design Standards.

All frames, grates, or covers of existing manholes, valve boxes, or other existing facilities shall be replaced, if damaged, and adjusted to grade no later than 5 working days after the streets have been resurfaced.

Existing utilities may conflict with the construction of the proposed replacement sections. The Contractor shall be required to coordinate the removal and relocation of the utility facility by the utility company. It shall be the Contractor's sole responsibility to effect the coordination and it shall be deemed, upon submission of a proposal, that the Contractor has reviewed field conditions and coordinated the removal and relocation of utility facilities with utility companies as required. The Contractor may be required to alter the work schedule and assignment of forces to prevent conflict with the utilities. No additional compensation may be claimed because of delays due to utility relocation. The Contractor will not be assessed liquidated damages, and additional work days will be granted when a delay is caused by the failure of the owner of the utility facility to provide for removal or relocation of existing utility facilities.

The Contractor is encouraged to drive the limits of construction prior to bid to obtain an accurate number of frames and covers that are, or may be, affected by this project.

The Contractor shall provide traffic control for all phases of adjusting manholes and utility boxes in accordance with the provisions of section 12, "Temporary Traffic Control."

15-2.02 MATERIALS

Not used.

15-2.03 CONSTRUCTION

15-2.03A GENERAL

The Contractor shall adjust all City owned facilities to within 3/8 inch of finished grade within overlay areas. Handholes in the pavement for traffic signal detector loops do not need to be adjusted to grade and shall be protected in place. All non-City owned facilities shall be raised by the owner of the utility. The Contractor shall be responsible for coordinating all work with owners of non-City owned utiltities.

The floors of all manholes shall be covered in a manner approved by the Engineer to prevent debris from entering the system during adjustment. Manhole bottoms shall be cleaned of all debris after adjustments are made. Should the Contractor damage existing facilities when adjusting them to grade, the cost to replace and reinstall the new facility shall be borne by the Contractor.

It is the Contractor's responsibility to identify utility covers and its components that were clearly damaged prior to the start of work. Upon showing proof of such unsalvageable components, the Engineer shall make arrangements to supply the Contractor the necessary replacement materials. Utilities damaged by the Contractor shall be replaced at the Contractor's expense.

The Engineer may require the Contractor to immediately remove manhole covers and drop inlet grates for inspection and cleaning.

15-2.03B RAISING MANHOLE HEADS

The Contractor shall install false bottoms prior to adjusting manholes to grade to catch debris from the operation. If any debris falls into the manhole, the contractor shall vactor the line and manhole. The extent of the vactor operation shall be determined by the contractor videoing the line and determining extents or as directed by the engineer.

1. City owned manhole heads shall be brought to the 3/8 inch below new grade by raising the head with concrete. However, the space between the top of the excavated manhole and the bottom of the casting to be set can be eliminated by installing no more than one grade ring per manhole. A grade ring shall be used only if the manhole cover surface can be maintained parallel to the street surface, and the ring is secure in all aspects as determined by the Engineer.
2. Excavations to raise manhole heads to the new pavement grade shall be such that there is a minimum of 1 foot clear circumference of the excavated pavement. The minimum depth of the annular region formed shall be 2 inches below the finish grade of the casting flange.
3. Castings shall be thoroughly cleaned of all loose or cracked concrete prior to reinstallation. The excavated area and casting shall be wet down thoroughly prior to receiving mortar or concrete. The mortar and concrete used shall be placed or shovel sliced to prevent voids between existing head and casting.
4. The finished grade of the manhole head and asphalt concrete shall be checked with a straight edge spanning the diameter of the asphalt cut around the manhole head. The horizontal elevation difference between the manhole head and the new asphalt shall not exceed 3/8 inch in any direction.
5. Manhole heads shall be completely raised the same day that the pavement patch is made to permit full use of traffic at the end of that day. Manhole heads set in concrete may be barricaded where approved by the Engineer.

15-2.03C RAISING WATER VALVE BOXES AND SEWER BOXES

1. Raising water valve and sewer boxes to the grade of 3/8 inch below the new pavement surface shall include furnishing and placing new boxes, standpipe risers, and liners as required.
2. The Contractor shall ensure that the box covers are not covered with asphalt emulsions and/or coatings during paving operations. Standpipes shall be clean and free of paving materials and debris.
3. The water valve operating nut shall be left fully exposed after all paving operations have been completed.
4. Existing boxes may be reused if they are G-5 Christy boxes and lids and the valve box covers and frames are not damaged, deficient, or broken. Water valve boxes shall be replaced with new G-5 Christy boxes and lids. Sewer boxes shall be replaced with matching boxes or as determined by the Engineer. Boxes damaged by the Contractor shall be replaced at the Contractor's expense.
5. All standpipes shall extend a minimum of 2 inches into the raised water valve boxes.
6. The finished grade of the boxes and asphalt concrete shall be checked with a straight edge spanning the diameter of the asphalt cut around the box. The horizontal elevation difference between the box and the new asphalt shall not exceed 3/8 inch in any direction.
7. Boxes shall be completely raised the same day that the pavement patch is made to permit full use of traffic at the end of that day. If unable to completely raise a water valve box by the end of that day, as a temporary measure, the Contractor shall place asphalt cutback in the depression to match adjacent surfaces. Barricades shall not be used overnight.

15-2.03D RAISING OTHER FACILITIES

1. All other City owned facilities shall be brought to 3/8 inch below the new grade. Other City owned facilities include but are not limited to electric vaults, air release valve boxes, blow off boxes, and cathodic protection facilities.
2. Excavations to raise all other City owned facilities to the new pavement grade shall be such that there is a minimum of 1 foot clear circumference of the excavated pavement.
3. Castings shall be thoroughly cleaned of all loose or cracked concrete prior to reinstallation. The excavated area and casting shall be wet down thoroughly prior to receiving mortar or concrete. The mortar and concrete used shall be hand placed or shovel sliced to prevent voids between the existing facility and casting.

4. The finished grade of the facility and asphalt concrete shall be checked with a straight edge spanning the diameter of the asphalt cut around the facility. The horizontal elevation difference between the facility and the new asphalt shall not exceed 3/8 inch in any direction.
5. Facilities shall be completely raised the same day that the pavement patch is made to permit full use of traffic at the end of that day.

15-2.04 PAYMENT

The payment quantity for "Adjust Manholes and Valves to Grade" bid item shall be paid for by each. Full compensation for conforming to all requirements specified in section 15-2, "Adjust Existing Facilities to Grade" shall be considered as included in the contract unit price per each paid for "Adjust Manholes and Valves to Grade."

SECTION 18. DUST PALLIATIVES

18-1.01 GENERAL

In addition to Section 18 Dust Palliatives of the Standard Specifications, the following shall apply:

Dust control measures shall be implemented in accordance with the City of Roseville Grading Ordnance and the Air Pollution Control District (APCD) Fugitive Dust Rule 228.

Water for dust control and other operations of this contract will be furnished by the City of Roseville from available fire hydrants. The Contractor shall apply with the City of Roseville, Environmental Utilities Division, for a permit and pay associated fees for each fire hydrant used. Due to drought conditions, the Utility Division may put restrictions on the amount of water that can be taken from nearby hydrants. Water may have to be supplied by the water treatment plant off of Booth Road. The Contractor shall call the Environmental Utility Division (774-5770) for more information.

When the Engineer orders the application of water for the purpose of controlling dust caused by public and construction traffic, including public traffic on weekends, such work shall be considered as included in the price paid for various items of work involved.

No additional payment will be made for obtaining hydrant permit, paying associated hydrant permit fees, water quantity fees, or for following conditions of the hydrant permit or anticipated measures of the Dust Control Plan.

SECTION 19. EARTHWORK

19-1.01A SUMMARY

In addition to the requirements of Section 19-1.01 of the State Standard Specifications, the following shall apply:

The Contractor shall perform all excavation required for the complete project, to the lines and grades as shown on the Project Plans, as described in these Special Provisions, and as directed by the Engineer.

19-2.00 ROADWAY EXCAVATION

In addition to the requirements of Section 19-2 of the State Standard Specifications, the following shall also apply:

Excavated material not reused shall be disposed of in accordance with the provisions of Section 7-1.13, "Disposal of Material Outside the Highway Right of Way" and 16-1.04 "Removal and disposal of Materials", of the State Standard Specifications.

The Contractor shall do all excavation of whatever substance is encountered to the lines and grades shown on the plans. All material suitable for use as backfill shall be piled in an orderly manner a sufficient distance from the side of the excavation to avoid overloading and to prevent sliding into the excavation. The Contractor shall do such grading as is necessary to prevent surface water from entering the excavation.

Excavations adjacent to the existing roadway shall be closed at the end of each day's work. At the option of the Contractor, steel cover plates may be used at the end of each workday to cover excavations not backfilled adjacent to the roadway.

Excess excavated material suitable for use elsewhere in the construction may be reused therein. All surplus or unsuitable material, with the exception of asphalt grinds,shall become the property of the Contractor and shall be removed from the job site to a predetermined disposal site at the Contractor's expense.

The Contractor shall remove and dispose of all water entering excavations. Disposal of water shall be done in a manner to prevent damage or nuisance to adjacent properties.

Existing asphalt concrete pavement that is to remain intact shall be saw cut in a neat, straight, parallel line. All pavement damaged during the work shall be cut out in a rectangular pattern and removed and paved.

The maximum lift of backfill material shall depend upon the type of backfill material, relative compaction required, and proposed compaction method to be used, but in no case shall the loose lift thickness of any material exceed 8 inches.

HAZARDOUS MATERIAL DISPOSITION:

During the course of trenching, grading, grinding, or other excavation, should potentially hazardous materials or other questionable materials be encountered, the City's Resident Engineer shall be contacted immediately. The Contractor shall mark the site. The City will respond within 24 hours to investigate the site and render an opinion on the questionable materials regarding future action at the site. The intent is to minimize schedule delays to the construction.

The City will be responsible for delineating any required exclusions zones, removing and containerizing questionable material, as well as monitoring the work site for compliance with applicable health and safety compliance.

Removed material will be contained in drums, or drop boxes, depending on the volume, and temporarily staged within the fenced area behind the existing building located at the west side of the parking lot. The staging duration will only be long enough to obtain analytical laboratory results and confirm disposition instructions on the material. For each discovery, it is anticipated the material will be staged for less than 30 days.

PAYMENT

The contract unit price paid per cubic yard for Roadway Excavation shall include in the cubic yard price paid for in roadway excavation and the full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in performing roadway excavation complete in place, including excavating, sloping, rounding, loading, hauling, depositing, spreading, compacting and preparing subgrade and dewatering, as shown on the plans, as specified in the State Standard Specifications and these Special Provisions, and as directed by the Engineer.

19-2.02 UNSUITABLE MATERIAL

In addition to the requirements of Section 19-2 of the State Standard Specifications, the following shall also apply:

Should unsuitable material be encountered which, in the opinion of the Engineer, cannot be stabilized, the Contractor shall remove the unsuitable material to the dimensions and limits directed by the Engineer. The Contractor shall use extra care in excavating unsuitable materials so as not to aggravate the conditions. If, in the opinion of the Engineer, the Contractor's methods and equipment are increasing the amount of unsuitable materials to be excavated, the Engineer will require the Contractor to take necessary steps to correct the situation. Should the problem continue, the Contractor shall pay all costs beginning from the time correction steps were last implemented.
When unsuitable material is removed and disposed of, the resulting space shall be filled with material suitable for the planned use. The pay quantity for backfill shall be the same as that computed for unsuitable material excavation as specified herein. Unsuitable materials shall be removed from the job site and not incorporated into embankments.

The estimated quantity for "Unsuitable Material" is for bidding purposes only and an estimated 500 cubic yards has been included. The quantity can be extended, reduced, or deleted at the discretion of the Engineer, with no change in the unit bid price. If unsuitable material is discovered, the Contractor will notify the Engineer for approval of excavation and backfill. If the Engineer does not approve that the material is unsuitable prior to excavation and backfill, the Contractor will be responsible for the cost of excavation and backfill.

SECTION 37. BITUMINOUS SEALS

Replace section 37-2 of the Revised Standard Specifications with:

37-2 POLYMER MODIFIED ASPHALT RUBBER (PMAR) CHIP SEAL

37-2.01 GENERAL

37-2.01A Summary

Section 37-2 includes specifications for applying a bituminous surface stress absorbing membrane (SAM) or stress absorbing membrane interlayer (SAMI) composed of a single application of polymer modified asphalt rubber (PMAR) material and pre-coated aggregate with an application of a micro-surfacing over the screenings, the combination of which is hereby referred to as "Roseville Cape Seal" in accordance with these specifications and no warm mix additives shall be permitted.

The PMAR Chip Seal shall conform to the requirements of section 37-2 these Special Provisions. The micro-surfacing shall conform to the requirements of section 37-3 of these Special Provisions and the State Revised Standard Specifications.

37-2.02 MATERIALS

37-2.02A Asphalt Cement

The grade of asphalt cement utilized to manufacture the polymer modified asphalt rubber binder shall be PG 64-16 and conform to section 92 of the Standard Specifications and the requirements of the following table:

Asphalt Cement Grading Requirements

Climate	AASHTO M 226 ASTM D 3381	AASHTO M 20 ASTM D 946	SHRP Grading
Cold	AC2.5, AC-6 or AC-10 AR-2000	120-150 or 200-300	PG 52-28
Moderate	AC-5 or AC-10 AR-2000 or AR-4000	85-100 or 120-150	PG 58-22 or 64-16
Hot	AC-10 or AC-20 AR-4000 or AR-8000	60-70 or 85-100	PG-16 or PG-70

37-2.02B Asphalt Modifier

The asphalt modifier shall be a resinous, high flash point, aromatic hydrocarbon compound and shall conform to the requirements in the following table:

Asphalt Modifier Requirements

Test Parameter	ASTM Designation	Requirement
Viscosity, cSt. At 212°F (100°C)	D 445	19-36 +/- 3*
Flash Point, COC, °F (°C)	D 92	410 °F (210°C) min
Molecular Analysis: Asphaltenes, percent by weight	D 2007	0.1 max.
Aromatics, percent by weight	D 2007	55 min.

The Contractor shall propose the viscosity requirement of the asphalt modifier, the viscosity range shall be between 19 and 36, and shall be submitted in writing to the Engineer. Any proposed changes to these requirements requested by the Contractor, including the viscosity requirement, shall require a new polymer modified asphalt rubber binder design.

37-2.02C Granulated Reclaimed Tire Rubber

The crumb rubber modifier (CRM) shall be produced from the processing of automobile and truck tires. The rubber shall be produced by ambient temperature grinding processes only. The styrene-butadiene-styrene (SBS) polymer shall be a linear or radial type of polymer with a molecular weight sufficient enough to meet the end result physical binder requirements. The gradation of the CRM and SBS polymer when tested in accordance with ASTM C-136 (dry sieve only) and using a 50 gram sample, shall meet the requirements in the following table:

CRM and SBS Polymer Grading Requirements

Sieve Size	Reclaimed Tire CRM Percent Passing	SBS Polymer Percent Passing
#8 (2.36 mm)	100	As directed by the binder supplier
#10 (2 mm)	95 – 100	As directed by the binder supplier
#16 (1.18 mm)	45 – 75	As directed by the binder supplier
#30 (600 µm)	2 – 20	As directed by the binder supplier
#50 (300 µm)	0 – 10	As directed by the binder supplier
#200 (75 µm)	-	As directed by the binder supplier

The use of CRM from multiple sources is acceptable provided that the overall blend of rubber meets the gradation requirements.

The individual CRM particles, irrespective of diameter, shall not be greater in length than 3/16 of an inch (5mm).

The CRM shall have a specific gravity of 1.15 ± 0.05 as determined by, and shall be free of loose fabric, wire and other contaminants except that up to 4 percent (by weight of rubber) calcium carbonate or talc may be added to prevent the rubber particles from sticking together. The rubber shall be sufficiently dry so as to be free flowing and not produce a foaming problem when blended with the hot asphalt cement. The CRM and SBS Polymer shall be accepted by certification from the approved supplier. The Reclaimed Tire CRM material shall conform to the chemical analysis in the following table:

Reclaimed Tire CRM Chemical Requirements

Test	ASTM Test Method	Minimum	Maximum
Acetone Extract	D 297	6.0%	16.0%
Ash Content	D 297	-	8.0%
Carbon Black Content	D 297	28.0%	38.0%
Rubber Hydrocarbon	D 297	42.0%	65.0%
Natural Rubber Content	D 297	22.0%	39.0%

37-2.02D Polymer Modified Asphalt Rubber Binder

The temperature of the blended paving grade asphalt cement and asphalt modifier mixture shall not be less than 375°F (190°C) nor more than 425°F (219°C) when the CRM and the SBS Polymer are homogenously blended in the field. The combined materials shall be reacted for a minimum of 60 minutes after the incorporation of all the CRM and SBS Polymer. When the reaction is complete, the polymer modified asphalt rubber binder shall meet the following criteria in the following table:

Specification Limits for Polymer Modified Asphalt Rubber Binder

Test	Min. Max.	Hot Climate	Moderate Climate	Cold Climate
Apparent viscosity, 347°F (175°C) Spindle 3 @ 12 RPM: cps (ASTM D 2669)	Min. Max.	1500 3500	1500 3500	1500 3500
Cone Penetration, 77°F (25°C), 150g, 5 sec; 1/10 dm (ASMT D 217)	Min. Max.	15 40	20 70	25 100
Softening Point, °F (°C) (ASTM D 36)	Min.	150°F (66°C)	140°F (60°C)	130°F (54°C)
Resilience, 77°F (25°C), % (ASTM D 3407)	Min.	40	30	20

Climate Definitions

Hot Climate	Average July Max @ 110°F (43°C) Average January Low @ 30°F (-1°C) or above
Moderate Climate	Average July Max @ 100°F (38°C) Average January Low @ 15 – 30°F (-9 – -1°C)
Cold Climate	Average July Max @ 80°F (27°C) Average January Low @ 15°F (-9°C) or lower

Note: Certain climates may overlap the above, defined areas. When in doubt of the type of asphalt cement to utilize, always look to the lower penetration materials in the hot temperature range and the higher penetration materials in the low temperature range.

The viscosity shall be conducted by using a hand held HAAKE VISCOMETER, with rotor 1, 24mm in depth x 53mm in height, or equivalent. The reacted polymer modified

asphalt rubber binder shall be maintained at a temperature of not less than 395°F (202°C) and not more than 425°F (219°C).

If material in a batch of polymer modified asphalt rubber binder is not used within 6 hours after the reaction period is complete, heating of the material shall be discontinued. When the polymer modified asphalt rubber binder temperature cools below 395°F (202°C) and is then reheated, it shall be considered a reheat cycle. The total number of reheat cycles shall not exceed 2. The binder material shall be uniformly reheated to a temperature of not less than 395°F (202°C). Additional scrap tire CRM may be added to the reheated polymer modified asphalt rubber binder and reacted for a minimum of 30 minutes and shall not exceed 10 percent of the total binder weight. Reheated polymer modified asphalt rubber binder shall conform to the requirements for blended polymer modified asphalt rubber binder.

37-2.02E Polymer Modified Asphalt Rubber Binder Formulation

The polymer modified asphalt rubber supplier, shall furnish to the Engineer within 15 days of the Notice to Proceed, the polymer modified asphalt rubber binder formulation shall contain the following information:

Asphalt Cement

1. Source of Asphalt Cement
2. Grade of Asphalt Cement
3. Percentage of Asphalt Cement by total weight of the PMAR mixture

Asphalt Modifier

1. Source of Modifier
2. Grade of Modifier
3. Percentage of Modifier by total weight of the PMAR mixture

Reclaimed Tire Rubber (CRM)

1. Source of CRM
2. Grade of CRM
3. Percentage of CRM by total weight of the PMAR mixture

SBS Polymer

1. Source of SBS Polymer
2. Grade of SBS Polymer
3. Percentage of SBS Polymer by total weight of the PMAR mixture

If CRM from more than one source is to be utilized, then the above information will be required from each source.

37-2.02F Aggregate Cover Material

Aggregate shall be composed of clean and durable crushed rock or crushed gravel conforming to the following requirements.

The aggregate used for the ½-inch PMAR Chip Seal (Black Rock) shall be black rock aggregate. The black rock aggregate shall be 100% crushed with no rounded particles, volcanic in origin and black in color. The material shall be free from vegetation and other deleterious substances. The use of gray or light-colored aggregate shall not be allowed. The Contractor shall specify in the bid proposal the name and location of the

black rock aggregate quarry. The Contractor shall submit samples and test results of the black rock aggregate to the Engineer for review and acceptance.

The ½-inch PMAR Chip Seal (Black Rock) shall conform to all requirements outlined in section 37-2 Polymer Modified Asphalt Rubber (PMAR) Chip Seal.

Proposed aggregate samples shall be submitted to the asphalt rubber supplier prior to the preparation of the mix design to test the aggregate for stripping characteristics. All testing results shall be submitted to the Engineer.

If the aggregate is to be crushed stone, it shall be manufactured from sound, hard, durable material of accepted quality and crushed to specification size. All strata, streaks and pockets of clay, dirt, sandstone, soft rock or other unsuitable material accompanying the sound rock shall be discarded and not allowed to enter the crusher.

If the aggregate material is to be crushed gravel, it shall consist of hard, durable fragments of stone or gravel of accepted quality and crushed to specification size. All strata, streaks, pockets of sand, excessively fine gravel, clay or other unsuitable material including all stones, rocks and boulders of inferior quality shall be discarded and not allowed to enter the crusher. The crushing of the gravel shall separate the #4, 3/8 and ½ inch (4.75, 9, and 12 mm) sieves and shall have a minimum 95% of the particles with a minimum of one mechanically fractured face and 90% of the particles shall have a minimum of two mechanically fractured faces.

The crushed aggregate shall not contain more that 8% by weight of flat or elongated pieces and shall be free from wood, roots and vegetable or other organic extraneous matter. The crushed coarse aggregate shall have a percentage of wear not more than 7 percent at 100 revolutions and not more than 30 percent at 500 revolutions, as determined by ASTM C131.

The aggregate shall show no evidence of disintegration nor show a total loss greater than 12% when subjected to 5 cycles of the sodium sulfate accelerated soundness test specified in ASTM C88. The crushed aggregate or crushed gravel shall have a percentage of wear not more than 7 percent at 100 revolutions and not more than 30 percent at 500 revolutions, as determined by ASTM C131 or California Test Method 211 and shall conform to the following additional quality requirements:

Test	Test Method	Requirement
Cleanness Value	Cal. Test 227	85 min.
Durability Index	Cal. Test 229	70 min.

The crushed aggregate or gravel for PMAR binder applications shall meet the requirements for gradation given in the table titled “Aggregate Gradation Requirements – ½ inch Aggregate Gradation,” when tested in accordance with ASTM C136. This aggregate shall be a durable aggregate with a specific gravity (coarse bulk SSD) ranging from 2.6 – 2.8, California Test Method 206.

When tested in accordance with ASTM C136, the crushed aggregate for polymer modified asphalt rubber applications shall meet the requirements for gradation given in the following table:

Aggregate Gradation Requirements
½ inch Aggregate Gradation

Sieve Size	Percent Passing
3/4 inch (15 mm)	100
1/2 inch (12 mm)	95 – 100
3/8 inch (9 mm)	70 – 85
1/4 inch (4.75 mm)	0 – 15
#8 (2.36 mm)	0 – 5
#200 (75 µm)	0 – 1

The aggregate shall be hot pre-coated with and range 0.5%-1% ± 0.25 percent paving grade asphalt cement. The Engineer shall determine the appropriate amount of pre-coat. The pre-coated aggregate shall have a "salt and pepper" appearance and when used hot shall be supplied to the project site at 250°F to 325°F (121°C to 162°C).

The gradation, cleanness value, and durability index will be tested prior to coating and gradation will be tested again after coating. If the results of the aggregate grading do not meet the specified gradation, the 1/2 inch PMAR Aggregate Gradation represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the 1/2-inch PMAR Aggregate Gradation represented by the tests containing a percentage passing (PP) range value +/- 1 in any of the Sieve sizes, but not greater than +/-4, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Sieve Sizes	Percentage Passing	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances
3/4 inch (15 mm)	100	PP – 1	PP – 2	PP +/- 3	PP +/- 4
1/2 inch (12 mm)	95 – 100	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
3/8 inch (9 mm)	70 – 85	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
1/4 inch (4.75 mm)	0 – 15	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#8 (2.36 mm)	0 – 5	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
#200 (75 µm)	0 – 1	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
PAYMENT TO CITY		$2.50 per ton	$5.00 per ton	$7.50 per ton	$10.00 per ton

If the results of the Cleanness Value test for aggregate do not meet the specified requirement, the 1/2-inch PMAR Aggregate Gradation represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the 1/2-inch PMAR Aggregate Gradation represented by the tests containing a Cleanness Value below 85,

but not less than 75, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Cleanness Value	Payment to City
85 or over	NONE
81 – 84	$2.50 per ton
76 – 80	$5.00 per ton
75	$7.50 per ton

If the results of the Durability Index test for aggregate do not meet the specified requirement, the 1/2-inch PMAR Aggregate Gradation represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the 1/2-inch PMAR Aggregate Gradation represented by the tests containing a durability index value below 70, but not less than 65, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Durability Index	Payment to City
70 or over	NONE
68 – 69	$2.50 per ton
66 – 67	$5.00 per ton
65	$7.50 per ton

When the results of 2 or all 3 of the aggregate grading, the Cleanness Value, and Durability Index tests do not conform to the specified requirements, both or all three payments to the City shall apply. The City may deduct these amounts from any moneys due or to become due to the Contractor.

Any progress payment made after the completion date shall not be construed as a waiver of material deductions.

No single aggregate grading or cleanness value test shall represent more than 300 tons or one day's production, whichever is smaller.

37-2.02G Method For Vialit Test Concerning Aggregate Retention for Chip Seal Design

European Standard EN12272-3, as modified for hot spray applied rubberized/polymer chip seal binders.

37-2.02G(1) Scope

This method is an indicator of aggregate retention for hot applied chip seal, pavement preservation surface treatments.

37-2.02G(2) Summary of Vialit Test Method

Hot applied, modified binder materials are applied at 79 grams (.42 gal/sy) to standard size, clean and dry, stainless steel plates. Exactly 100 washed and graded aggregate particles are embedded into the required binder type. The sample is allowed to cure under specified conditions. Following this cure, the individual plates are conditioned at

three different temperatures for 30 minutes. Then a 500 gram steel ball is dropped 3 times from a distance of 50 cm (20 inches) onto the inverted stainless steel plates. The results are recorded at percent aggregate retention with 90% retention being the minimum allowable value.

37-2.02G(3) Steps for Modified Test Method

1. Hot asphalt cement/modified binder is pre-heated to approximate application temperature (330°F (165°C) to 375°F (190°C)).
2a. Tare weight of plate is recorded.
2b. Individual plates are pre-heated in an oven to a minimum of 330°F (165°C).
2c. 79 grams of asphalt cement/modified binder applied to each plate.
2d. Plates are returned to the 330°F (165°C) minimum temperature oven for 15 minutes.
2e. Plates are removed from the oven and placed on a warm hotplate and the binder is spread and smoothed with a hot blade.
2f. Application weight is verified and adjusted as needed.
2g. 100 particles of washed and graded aggregate, meeting the project specification requirements, are applied in a 10 x 10 matrix, with the plate still on the warm hotplate.
2h. Three plates are prepared for each combination of binder and aggregate.
3. Plates are again returned to the 330°F (165°C) minimum temperature oven for 15 minutes.
4a. Plates are removed from the oven and allowed to cool at room temperature for 4 to 6 hours.
4b. Once the room temperature cure is complete, individual plates are conditioned for 30 minutes at each of the following temperatures: 41°F (5°C), 14°F (-10°C) and -8°F (-22°C).
5. After the 500 gram steel ball has been dropped three times on each of the three samples, report the number of stones attached as percent aggregate retention at test temperature.

37-2.02G(4) Purpose of Vialit Aggregate Retention Test

The Contractor/agencies shall be responsible to construct a quality pavement preservation chip seal project. There shall be quality Control and Quality Assurance to be insure that adhesion occurs between binder and aggregate, at the time of placement. The Vialit Retention Test provides a method to assess the compatibility and retention properties of the binder and the aggregate in conditions which simulate actual project variables and environment. This test is required by the Contractor, shall be conducted for each work order, and shall be submitted at the 15 days before start of construction.

37-2.03 CONSTRUCTION

37-2.04A Surface Preparation

Before application of the polymer modified asphalt rubber membrane, the pavement surface shall be cleaned by sweeping, flushing, or by other means necessary to remove loose particles of paving, dirt, vegetation, and other extraneous material in order to ensure adequate adhesion of the polymer modified asphalt rubber to the existing pavement.

37-2.03B Weather Conditions

Polymer modified asphalt rubber material shall be applied only when the existing surface is dry and the atmospheric temperature is above 65°F (18°C) and rising. No material shall be applied when rain is imminent or when the wind is excessive, as directed by the Engineer.

37-2.03C Equipment

37-2.03C(1) General

The equipment used by the Contractor for pavement cleaning and excess aggregate removal shall include a self-propelled rotary power broom, mobile pick-up broom or top dumping mobile pick-up broom.

37-2.03C(2) Polymer Modified Asphalt-Rubber Equipment

All equipment utilized in the production and application of polymer modified asphalt rubber binder materials shall be described as follows:

1. An asphalt cement heating tank with a hot oil heat transfer system or a retort heating system capable of heating the asphalt cement to the proper temperature for blending with the CRM and SBS Polymer.
2. A polymer modified asphalt rubber mechanical blender shall have a 2 stage continuous mixing process capable of producing a homogenous blend of asphalt cement CRM and SBS Polymer, at the mix design specified ratios, as directed by the Engineer. This unit shall be equipped with a granulated rubber feed system capable of supplying the asphalt cement feed system, as not to interrupt the continuity of the blending process. The maximum capacity of the primary blending vessel shall be 500 gallons (1900 liters). Both the primary and secondary blenders shall be equipped with an agitation device orientated horizontally in the blending vessel. The blending unit shall be capable of fully blending the individual modifier particles (CRM and SBS Polymer) with the asphalt cement. A separate asphalt cement feed pump and finished product pump are required. This unit shall have an asphalt cement totalizing meter in gallons and a flow rate meter in gallons per minute.
3. A trailer mounted self-powered distributor truck equipped with a heating unit, and a horizontally mounted, full tank length, auger capable of maintaining a uniform mixture of asphalt cement, CRM and SBS Polymer. It shall be equipped with a full circulating spreader bar and pumping system capable of applying the polymer modified asphalt-rubber material within ± 0.05 gallons per square yard tolerance of the specified application rate, and must achieve a uniform covering of the surface to be treated. The distributor shall have a boot board on the rear of the vehicle and a bootman shall accompany the distributor. The bootman shall ride in a position so that all the spray bar tips are in full view and readily assessable for unplugging, if a plugged tip should occur. The distributor shall also include a tachometer, pressure gauge, a volume-measuring device, thermometer and shall also have a computer rate control (CRC) installed.

37-2.03C(3) Aggregate Cover Material Spreader

The cover material (chip) spreader shall be a self-propelled machine with an aggregate receiving hopper in the rear, belt conveyors to carry the pre-coated aggregate to the front, and a full width spreading hopper. The spreader shall be in good mechanical condition and shall be capable of applying the cover aggregate uniformly across the spread width and at the specified application rate. Heat-treated belts shall be installed on the chip spreader when using hot pre-coated aggregate.

37-2.03C(4) Rolling Equipment

A minimum of three continually operated self-propelled pneumatic-tired rollers shall be used for the required rolling of the cover material. Steel wheel rollers shall not be used. The pneumatic-tired rollers' shall carry a minimum loading of 3,000 pounds (1,361 kg) on each wheel and a minimum pressure of 90 pounds per square inch in each tire. Foam filled tires will be allowed in lieu of 90 psi. Rollers shall be operated at speeds no greater than 5mph.

37-2.03C(5) Hauling Equipment

Trucks for hauling the cover aggregate shall be tailgate discharge and shall be equipped with a device to lock onto the hitch of the cover material spreader. Haul trucks shall also be compatible with the cover aggregate spreader so that the dump bed will not push down on the spreader when fully raised, or have too short of a bed which results in aggregate spillage while dumping into the receiving hopper.

37-2.03D Polymer Modified Asphalt Rubber Mixing and Reaction

The percentage of Reclaimed Tire Rubber CRM shall be 15 – 18 percent by weight of the total polymer modified asphalt rubber mixture; the exact CRM content shall be determined by the binder design submitted by the polymer modified asphalt rubber supplier. During membrane placement the CRM percentage shall not fluctuate by more than 1 percent by weight of total polymer modified asphalt rubber mixture. The SBS Polymer shall be 2 – 4 percent, which will replace an equal percentage of the Reclaimed Tire Rubber CRM.

The temperature of the asphalt cement shall be between 395°F and 450°F (202°C and 231°C) at the addition of the CRM and SBS Polymer. The asphalt cement, CRM and SBS Polymer shall be combined and mixed together in the polymer modified asphalt rubber blending unit or field siefer mill, and reacted in the distributor or a reaction vessel for a minimum period of 60 minutes from the time the CRM and SBS Polymer are added to the asphalt cement. The temperature of the polymer modified asphalt rubber mixture shall be above 395°F (202°C) during the reaction period, but shall not exceed 450°F (231°C) at any time. Exceeding the 450°F (231°C) limit will be grounds for rejection of the affected binder material.

When a job delay occurs after full reaction, the polymer modified asphalt rubber may be allowed to cool. The polymer modified asphalt rubber binder shall be re-heated slowly just prior to application to a temperature between 395°F and 400°F (202°C and 231°C) An additional quantity of asphalt cement and / or CRM may be added as required to produce a material with the appropriate viscosity. See section 37-2.02D, “Polymer Modified Asphalt Rubber Binder” for additional requirements regarding reheat cycle.

37-2.03E Application of Polymer Modified Asphalt Rubber Binder

Placement of the polymer modified asphalt rubber membrane shall be made only under the following conditions:

1. The pavement surface temperature shall be 65°F (18.3°C) and rising.
2. The pavement surface is clean and dry.
3. The wind conditions are not excessive, no greater than 20 mph.
4. All of the construction equipment such as the polymer modified asphalt rubber distributor, aggregate spreader, haul trucks loaded with cover material, rollers and brooms are in position and ready to commence placement operations.
5. Rain is not imminent.

The polymer modified asphalt rubber mixture shall be applied to the roadway immediately following mixing and reaction at a temperature of 375°F to 400°F (190°C to 231°C) at a rate of 0.60 to 0.70 gallons per square yard (2.5 to 3.4 liters per square meter). Transverse joints shall be constructed by placing building paper across and over the end of the previous polymer modified asphalt rubber application. Once the application has progressed beyond the paper, the paper shall be removed immediately and disposed of as directed by the Engineer. The use of paper may be discontinued if the Contractor chooses to squeegee the excess polymer modified asphalt rubber binder material at the transverse joints prior to the placement of the cover aggregate. All longitudinal joints shall not exceed a 12 inches (30 cm) overlap.

Distributor bar height, distribution, speed and shielding materials shall be utilized to reduce the effects of excess wind upon the spray distribution (fan). The Engineer shall delay or reschedule work when high gusting or dirty winds prevent or adversely affect binder or aggregate application.

The application of polymer modified asphalt rubber binder to areas not accessible with the distributor bar on the distributor truck shall be accomplished by using pressurized hand wands or other means approved by the Engineer. No hand work is permitted for this item of work.

The Contractor shall comply with all Federal, State and Local environmental laws, regulations and ordinances.

37-2.03F Application of Aggregate Cover Material

Cover material shall be applied immediately onto the polymer modified asphalt rubber membrane, after application, at a rate of 30 to 34 pounds per square yard (14 to 16 kilograms per square meter). The actual amount selected within this range will be determined in the field based on the appearance of the SAM after initial rolling. At all times the application rate shall be kept to a minimum.

At the time of application, when using hot pre-coated aggregate, the temperature of the aggregate shall range from 275°F to 325°F (135°C to 162°C)

37-2.03G Placement

The chip seal shall be placed in a neat straight line to the concrete gutter lip of pavement and shall not exceed the concrete gutter lip by more than 1 inch.

37-2.03H Rolling

At least 3 operational pneumatic-tired rollers shall be provided to accomplish the required embedment of the aggregate cover material. Additional rollers may be utilized as directed by the Engineer. At no time shall there be less than 3 operational pneumatic-tired rollers on the project.

Sufficient rollers shall be used for the initial rolling to cover the width of the aggregate spread with 1 pass. The first pass shall be made immediately behind the cover material spreader as the aggregate is being placed. If the spreading is stopped for an extended period, the cover material spreader shall be moved ahead or off the chip seal surface, so that all cover material may be immediately rolled. Three complete passes with rollers shall be made with the pneumatic rollers and one pass with the steel wheel roller. The speed of the rollers shall not exceed 10 mph.

37-2.03I Sweeping

Three sweepings shall occur on the following schedule. The first sweeping shall be performed prior to the chip seal application. The second sweeping shall be performed the day the chip seal is applied. The third sweeping shall be performed 3 days after the chip seal is applied. The speed of the sweeper shall not exceed 10 mph.

37-2.03J Set and Cure Time

Except when it is necessary that hauling equipment must travel on the newly applied membrane, traffic of all types shall be kept off the membrane until it has had time to set properly. The speed of all hauling equipment shall not exceed 10 miles per hour when traveling over a membrane which is not adequately set. The minimum traffic-free period shall not be less than 1 hour.

The PMAR Chip Seal shall be allowed to cure for a minimum of 1 week and no more than 2 weeks prior to placement of the micro-surfacing.

37-2.04 PAYMENT

The payment quantity for PMAR Chip Seal bid items paid for by the area is the area measured parallel with the ground surface not including additional quantity used for overlaps as shown on the plans.

Full compensation for conforming to all requirements specified in section 37-2, "Polymer Modified Asphalt Rubber (PMAR) Chip Seal" shall be considered as included in the contract unit price per square yard paid for "1/2-inch Polymer Modified Asphalt Rubber (PMAR) Chip Seal (Black Rock)". The payment for micro-surfacing shall conform the provisions of section 37-3.03, "Micro-surfacings."

Full compensation for conforming to all requirements specified in section 37-2, "Polymer Modified Asphalt Rubber (PMAR) Chip Seal over Paving Mat" shall be considered as included in the contract unit price per square yard paid for "1/2-inch Polymer Modified Asphalt Rubber (PMAR) Chip Seal (Black Rock)". The payment for micro-surfacing shall conform the provisions of section 37-3.03, "Micro-surfacings."

37-3 SLURRY SEALS AND MICRO-SURFACINGS

Replace section 37-3.03 with:

37-3.03 MICRO-SURFACINGS

37-3.03A General

37-3.03A(1) Summary

Section 37-3.03 includes specifications for applying micro-surfacings.

Applying a micro-surfacing shall consist of mixing a polymer modified, cationic micro-surfacing emulsion (MSE), aggregate, mineral filler, set-control additives, and water and spreading the mixture on a pavement surface where shown on the plans, in conformance with the provisions in these Special Provisions and State Revised Standard Specifications, and as directed by the Engineer.

37-3.03B MATERIAL

37-3.03B(1) Micro-surfacing Emulsion (MSE)

Micro-surfacing emulsion (MSE) shall be homogenous and shall conform to the provisions of these Special Provisions. The polymer shall be milled or blended into the asphalt or blended into the emulsifier solution prior to the emulsification process.

The MSE shall conform to the following requirements when tested in conformance with the following test methods:

Polymer Modified, Cationic Micro-Surfacing Emulsion (MSE)

Specific Designation	Test Method	Requirement
Viscosity SSF @ 25°C	AASHTO T59	15 – 90 seconds
Sieve, max	AASHTO T59	0.30 percent
Settlement, 5 days, max	ASTM D6930 or AASHTO T59	5 percent
Storage Stability, 1 day, max	AASHTO T59	1 percent
Residue by Evaporation, min	California Test 331	64 percent
Specification Designation for Residue		
Specific Designation	Test Method	Requirement
Penetration @ 25°C, 100g, 5s, 0.1 mm	AASHTO T49	40 – 90
Softening Point, min	AASHTO T53	61°C
G*, @ 20°C, 10 rad/sec[a]	AASHTO T315	Report Only
Phase angle @ 50°C, 10 rad/sec, PA (max) – PA base[b]	AASHTO T315	Report Only
Stiffness, @ -12°C, MPa and M-value	AASHTO T315	Report Only
Torsional Recovery, %	California Test 332	>21%
Polymer Content, % (by weight)	California Test 402	>3.5%
25mm plates for the 50°C test. 8mm plates for the 20°C test.		

37-3.03B(2) Water and Additives

Water shall be of such quality that the asphalt will not separate from the MSE before the micro-surfacing is placed on the pavement. If necessary for workability, a set-control agent that will not adversely affect the micro-surfacing product may be used.

37-3.03B(3) Mineral Filler

Mineral filler shall be Portland cement or hydrated lime that is free of lumps. Portland cement shall be either Type I, Type II, or combination thereof. The type of mineral filler shall be determined by the Contractor based on laboratory mix designs. The mineral filler will be considered part of the aggregate gradation requirement.

37-3.03B(4) Aggregate

The aggregate used for micro-surfacing shall be Type II. The material shall be free from vegetation matter and other deleterious substances. Aggregate shall be free of lumps and oversize particles. The aggregate shall be 100% crushed with no rounded particles, volcanic in origin and black in color. The use of gray or light-colored aggregate shall not be allowed. The Contractor shall specify in the bid proposal the name and location of the black rock aggregate quarry and shall provide certification at the preconstruction conference that the rock was crushed a minimum of 90 days prior. The Contractor shall submit samples of the black rock aggregate to the Engineer for review and acceptance.

Aggregate, prior to the addition of the MSE, shall conform to the provisions of these Special Provisions. If aggregates are blended, each component aggregate shall conform to the Sand Equivalent and Durability Index requirements of these Special Provisions when tested in conformance with the respective California Tests.

The percentage composition by mass of the aggregate (including mineral filler) shall conform to the following grading requirements when tested in conformance with California Test 202:

Type II

Sieve Size	Percent Passing
3/8 inch (9.5 mm)	100
#4 (4.75 mm)	94 – 100
#8 (2.36 mm)	65 – 90
#16 (1.18 mm)	40 – 70
#30 (600 µm)	25 – 50
#200 (75 µm)	5 – 15

The aggregate (excluding mineral filler) shall conform to the following quality requirements:

Type II

Test	California Test	Requirement
Sand Equivalent (min)	217	70
Durability Index (min)	229	75
Percentage of Crushed Particles (min)[1]	205	100%
Los Angeles Rattler Loss at 500 Rev. (max)[2]	211	35%
[1] CT205, Section D, is amended to read: "Any particle having 2 or more freshly, mechanically fractured faces shall be considered a crushed particle." [2] Los Angeles Rattler shall be performed on the parent aggregate before crushing.		

If the results of the aggregate grading do not meet the specified gradation, the micro-surfacing represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the micro-surfacing represented by the tests containing a percentage passing (PP) range value +/- 1 in any of the Sieve sizes, but not greater than +/-4, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Sieve Sizes	Percentage Passing	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances
3/8 inch (9.5 mm)	100	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#4 (4.75 mm)	94 – 100	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#8 (2.36 mm)	65 – 90	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#16 (1.18 mm)	40 – 70	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#30 (600 µm)	25 – 50	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
#200 (75 µm)	5 – 15	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
PAYMENT TO CITY		$5.00 per ton	$7.50 per ton	$10.00 per ton	$15.00 per ton

If the results of the Sand Equivalent test for aggregate do not meet the specified requirement, the micro-surfacing represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the Micro-surfacing represented by the tests

containing a sand equivalent Value below 70, but not less than 65, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Sand Equivalent	Payment to City
70 or over	NONE
68 – 69	$5.00 per ton
66 – 67	$7.50 per ton
65	$10.00 per ton

If the results of the Durability Index test for aggregate do not meet the specified requirement, the micro-surfacing represented by the test shall be removed within 5 working days of the Engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the micro-surfacing represented by the tests containing a durability index value below 75, but not less than 70, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Durability Index	Payment to City
75 or over	NONE
73 – 74	$5.00 per ton
71 – 72	$7.50 per ton
70	$10.00 per ton

When the results of 2 or all 3 of the aggregate grading, the Sand Equivalent, and Durability Index tests do not conform to the specified requirements, both or all three payments to the City shall apply. The City shall deduct these amounts from any moneys due or to become due to the Contractor.

Any progress payment made after the completion date shall not be construed as a waiver of material deductions.

No single aggregate grading, durability index or Sand Equivalent test shall represent more than 300 tons or one day's production, whichever is smaller.

37-3.03B(5) Mix Design

At least 7 working days before the micro-surfacing placement commences, the Contractor shall submit for approval of the Engineer a laboratory report of tests and a proposed mix design covering the specific materials proposed for use on the project.

The percentages of each individual material proposed in the mix design shall be shown in the laboratory report. Individual materials shall be within the following limits:

Micro-surfacing Mix Design

Material	Proportion Limits
Residual Asphalt	7.5% to 10.5% by dry mass of aggregate
Mineral Filler	0% to 3% by dry mass of aggregate
Additive	As needed
Water	As needed

Adjustments may be required during construction based on field conditions.
The mix design and aggregate tests shall be performed by a laboratory capable of performing the applicable International Slurry Surfacing Association (ISSA) tests. The proposed micro-surfacing mixture shall conform to the specified requirements when tested in conformance with the following tests:

Test	ISSA Test Method	Requirements
Wet Cohesion @ 30 minute (Set) (min) @ 60 minute (Traffic) (min)	TB* 139	 12 kg-cm 20 kg-cm
Excess Asphalt	TB* 109	540 g/m2
Wet Stripping (min)	TB* 114	90%

TB* = Technical Bulletin

Test	ISSA Test Method	Requirements
Wet Track Abrasion 6-day soak loss (max) 1-hour soak	TB* 100	 810 g/m2 538 g/m2
Displacement Lateral (max) Specific Gravity after 1000 cycles of 56.8 kg (max)	TB* 147A	 5% 2.10
Classification Compatibility	TB* 144	(AAA, BAA) 11 Grade Points
Mix Time @ 25°C	TB* 113	Controllable to 120 seconds

TB* = Technical Bulletin

The laboratory that performed the tests and designed the mixture shall sign the laboratory report. The report shall show the results of the tests on individual materials and shall compare their values to those required by these Special Provisions. The report shall clearly show the proportions of aggregate, filler (minimum and maximum), water (minimum and maximum), set control additive, and MSE solids content (minimum and maximum) based on the dry mass of aggregate. The laboratory shall report the quantitative effects of moisture content on the unit mass of the aggregate (bulking effect) in conformance with the requirements of ASTM Designation C 29M. Previous laboratory reports covering the same materials may be accepted provided the material test reports were completed within the previous 12 months. The mix design shall further show the recommended changes in mineral filler, water, and additive proportions for high temperature weather conditions by reporting proportions of materials required for 60 seconds of mix time with materials heated to 100°F. This 100°F mixing report will not be required for projects requiring nighttime application.

The component materials used in the mix design shall be representative of the micro-surfacing materials proposed by the Contractor for use on the project.

Once the mix design is approved by the Engineer, no substitution of other material will be permitted unless the materials proposed for substitution are first tested and a laboratory report is submitted for the substituted design in conformance with the provisions of these Special Provisions. Substituted materials shall not be used until the mix design for those materials has been approved by the Engineer.

The completed mixture, after addition of water and set control agent, if used, shall be such that the micro-surfacing mixture has proper workability. At the expiration of the road closure hours, in conformance with the provisions in these Special Provisions, the micro-surfacing mixture shall be sufficiently cured to support unrestricted traffic.

37-3.03C CONSTRUCTION

37-3.03C(1) Surface Preparation

Before placing the micro-surfacing, the pavement surface shall be cleaned by sweeping, flushing or by other means necessary to remove loose particles of paving, dirt, vegetation, and other extraneous material. When required, the roadway surface may be fogged with water ahead of the spreader box. The application of the fog spray may be adjusted to suit temperatures, surface texture, humidity and dryness of pavement.

Where indicated on the work order that Microsurfacing shall be applied to the surface where new Hot Mix Asphalt has been placed, a minimum of 30 calendar days shall have elapsed from the placement of the Hot Mix Asphalt to the placement of Microsurfacing.

37-3.03C(2) Weather Conditions

The micro-surfacing mixture shall not be placed when the ambient temperature is below 55°F or during unsuitable weather. Micro-surfacing shall not be placed if rain is imminent or if there is the possibility that there will be freezing temperatures within 24 hours.

37-3.03C(3) EQUIPMENT

37-3.03C(3)(a) General

The equipment used by the Contractor for pavement cleaning and excess aggregate removal shall include a self-propelled rotary power broom, mobile pick-up broom or top dumping mobile pick-up broom.

37-3.03C(3)(b) Mixing and Spreading Equipment

The micro-surfacing shall be mixed in continuous pugmill mixers of adequate size and power for the type of micro-surfacing to be placed. All indicators shall be in conformance with the provisions of these Special Provisions and shall be in working order prior to commencing mixing and spreading operations.

Mixer-spreader trucks shall be equipped to proportion the MSE, water, aggregate, mineral filler, and set-control additives by volume. Rotating and reciprocating equipment on mixer-spreader trucks shall be covered with metal guards.

The mixer-spreader truck shall not be operated unless low-flow and no-flow devices and revolution counters are in good working condition and functioning and metal guards are in place. Indicators required by these Special Provisions shall be visible while walking alongside the mixer-spreader truck.

Aggregate feeders shall be connected directly to the drive on the emulsion pump. The drive shaft of the aggregate feeder shall be equipped with a revolution counter reading to the nearest one-tenth of a revolution.

In addition to the requirements of the fourth paragraph of section 5-1.33, "Equipment," of the State Standard Specifications, the identifying number of mixer-spreader trucks shall be at least 3 inches in height, located on the front and rear of the vehicle.

The micro-surfacing mixture shall be spread by means of a spreader box conforming to sections 37-3.03C(3)(b)(i) and 37-3.03C(3)(b)(ii).

37-3.03C(3)(b)(i) Spreader Box

The mixture shall be agitated and spread uniformly in the surfacing box by means of motor driven twin-shafted paddles or spiral augers fixed in the spreader box. A front seal shall be provided to insure no loss of the mixture at the road contact point. The rear seal shall act as a final strike-off and shall be adjustable. The spreader box and rear strike-off shall be so designed and operated that a uniform consistency is achieved to produce a free flow of material to the rear strike-off. The spreader box shall have suitable means provided to side shift the box to compensate for variations in the pavement geometry, the box shall be adjustable. Spreader box skids shall be maintained in such manner as to prevent chatter (wash boarding) in the finished mat. The spreader box in use shall be clean and free of micro-surfacing and MSE at the start of each work shift.

The spreader box shall have a series of strike-off devices at the rear of the box. The leading strike-off device shall be fabricated of steel, stiff rubber or other suitable material. The number of strike-off devices shall be determined by the Contractor. The first strike-off device shall be designed to maintain close contact with the pavement during the spreading operations, shall obtain the thickness required, and shall be capable of being adjusted to the various pavement cross sections for application of a uniform micro-surfacing finished surface. The final strike-off device shall be fabricated of flexible material suitable for the intended use and shall be designed and operated to ensure a uniform texture is achieved in the finished surface of the micro-surfacing. The final strike-off device shall be cleaned or changed daily if problems with longitudinal scouring occur.

Flexible fabric drags attached to the rear of the spreader box shall not be used.

37-3.03C(3)(b)(ii) Wheel Path Depression (Rut) Box

The wheel path depression (rut) box shall be designed to have adjustable strike-off devices to regulate the depth and shall have a width of between 5 feet and 6 feet. Hydraulic augers, or similar devices, shall be installed and shall be capable of moving

the mixed material from the rear to the front of the filling chamber. These devices shall also be capable of guiding the larger aggregate into the center, deeper section of the wheel path depression, and forcing the finer material toward the outer edges of the spreader box.

The micro-surfacing mixture, to be spread in areas inaccessible to the controlled spreader box, may be spread by other methods upon approval of the Engineer.

Flexible fabric drags attached to the rear of the wheel path depression (rut) box shall not be used.

37-3.03C(3)(c) Mixer and Spreader Truck Calibration

Each mixer/spreader truck used on the project shall be calibrated for each work order in accordance with California Test 109. The trucks shall be calibrated for rock, emulsion, cement, additives, and any mineral filler used. Calibrations shall take place a maximum of 10 days prior to application of micro-surfacing. The Contractor shall notify the Engineer a minimum of 3 working days prior to calibration so that City representatives may make arrangements to observe. Calibrations shall take place within 50 miles of the City of Roseville.

For all material calibrated, 3 consecutive runs per gate setting shall be completed and these 3 test runs must not deviate from their combined mathematical average by more than 2.0%.

Calibrations will take place at most once a week or as required by the Engineer and no machine will be allowed to work on the project until the calibration has been completed and/or accepted 3 working days before the start of work. Weigh back tickets shall be submitted at the end of each work day that micro-surfacing is placed.

37-3.03C(4) Proportioning

Aggregate, mineral filler, MSE, water, and additives, including the set-control agent, if used, shall be proportioned by volume utilizing the mix design approved by the Engineer. If more than 1 kind of aggregate is used, the correct amount of each kind of aggregate to produce the required grading shall be proportioned separately, prior to adding the other materials of the mixture, in a manner that will result in a uniform and homogeneous blend.

The aggregate shall be proportioned using a belt feeder operated with an adjustable cutoff gate. The height of the gate opening shall be determinable. The MSE shall be proportioned by a positive displacement pump. Variable rate emulsion pumps, if used, shall be calibrated and sealed in the pump's calibrated condition in conformance with California Test 109 prior to usage.

The delivery rate of aggregate and MSE per revolution of the aggregate feeder shall be calibrated at the appropriate gate settings for each mixer-spreader truck used on the project in conformance with California Test 109 and in conformance with the provisions of these Special Provisions.

The aggregate belt feeder shall deliver aggregate to the pugmill with such volumetric consistency that the deviation for any individual aggregate delivery rate check-run shall not exceed 2.0 percent of the mathematical average of 3 runs of at least 3 tons each.

The emulsion pump shall deliver MSE to the pugmill with such volumetric consistency that the deviation for any individual delivery rate check-run shall be within 2.0 percent of the mathematical average of 3 runs of at least 300 gallons each. The water pump shall deliver water to the pugmill with such volumetric consistency that the deviation for any individual delivery rate check-run shall be within 2.0 percent of the mathematical average of 3 runs of at least 300 gallons each.

The MSE storage tank shall be located immediately before the emulsion pump and shall be equipped with a device which will automatically shut down the power to the emulsion pump and aggregate belt feeder when the MSE level is lowered to a point where the pump suction line is exposed.

A temperature-indicating device shall be installed in the emulsion storage tank at the pump suction level. The device shall indicate the temperature of the MSE and shall be accurate to within 10°F.

The belt delivering the aggregate to the pugmill shall be equipped with a device to monitor the depth of aggregate being delivered to the pugmill. The device for monitoring the depth of aggregate shall automatically shut down the power to the aggregate belt feeder whenever the depth of aggregate is less than the target depth of flow. A second device shall be located where the device will monitor the movement of the aggregate belt by detecting revolutions of the belt feeder. The devices for monitoring no flow or belt movement shall automatically shut down the power to the aggregate belt when the aggregate belt movement is interrupted. The device to detect revolutions of the belt feeder will not be required where the aggregate delivery belt is an integral part of the drive chain. To avoid erroneous shutdown by normal fluctuation, a delay of 3 seconds will be permitted between sensing and shutdown of the operation.

37-3.03C(5) Application Rate of Aggregate

Micro-surfacing spread rates must be within the ranges shown on the following table:

Micro-surfacing Type	Application Range (lb of dry aggregate/sqyd)
Type II	15 – 18

The micro-surfacing mixture shall be uniformly spread on the existing surfacing within the rate specified without spotting, re-handling, or otherwise shifting of the mixture.

37-3.03C(6) Repair Wheel Path Depressions

When wheel path depressions have a cross section that is deformed 1/2 inch or more, the individual wheel paths shall first be filled utilizing a wheel path depression (rut) box. The depth of the wheel path depression shall be determined after the adjacent ridges have been removed, when applicable. The maximum single application for wheel path depressions shall be 1 inch. Wheel path depressions of depths greater than 1 inch shall require multiple applications in each depression. A pneumatic tired roller shall be used after all rut filling operations. The roller shall make 2 passes at slow speed no more than 7 mph.

Wheel path depression repair shall be constructed with a slight crown to allow for initial compaction by traffic on the micro-surfacing.

Freshly filled wheel path depressions shall be compacted by traffic for a minimum of 12 hours before additional lifts of micro-surfacing material are placed for rut filling purposes or as surface courses.

37-3.03C(7) PLACEMENT

Micro-surfacing shall be placed no earlier than 7 calendar days after Chip Seal operation on roads to receive the Roseville Cape Seal as shown on the plans.

Longitudinal joints shall correspond with the edges of the traffic lanes. The Engineer may permit other patterns of longitudinal joints if the patterns will not adversely affect the quality of the finished product, this shall be required for approval in writing 5 working days prior to the start of work.

Through traffic lanes shall be spread in full lane widths only. Longitudinal joints common to 2 traffic lanes shall be butt joints with overlaps not to exceed 3 inches. Building paper shall be placed at the transverse joints to avoid double placement of the micro-surfacing. Other suitable methods to avoid double placement of the micro-surfacing will be allowed. Hand tools shall be available to remove spillage.

The mixture shall be uniform and homogeneous after placing on the surfacing and shall not show separation of the MSE and aggregate after setting. The completed surface shall be of uniform texture and free from ruts, humps, depressions, or irregularities.

Adequate means shall be provided to protect the micro-surfacing from damage by traffic until such time that the mixture has cured sufficiently so that the micro-surfacing will not adhere to or be picked up by the tires of vehicles.

If the micro-surfacing is not capable of supporting unrestricted traffic at the expiration of the road closure hours, the Contractor shall pay the liquidated damaged per the provisions of these Special Provisions. Placement of the micro-surfacing shall cease before the expiration of road closure hours as specified in these Special Provisions.

37-3.03C(8) SWEEPING

Initial sweeping shall begin 1 day after the micro-surfacing placement. Care shall be taken to avoid unraveling the micro-surfacing. Excessive sweeping will not be allowed.

Seven sweepings shall be considered as included in the contract price paid for micro-surfacing. The first sweeping shall be performed the day after the application is applied. The second sweeping shall be performed 3 days after the micro-surfacing application is applied. The third sweeping shall be performed 5 days after the micro-surfacing application is applied. The forth sweeping shall be performed 7 days after the micro-surfacing is applied. The fifth sweeping shall be performed 10 days after the micro-surfacing is applied. The sixth sweeping shall be performed 15 days after the micro-surfacing is applied. The seventh sweeping shall be performed during the punch list process.

Prior to each sweeping, the Contractor shall contact the Engineer with the street's sweeping schedule. After sweeping takes place, the Contractor shall contact the Engineer for acceptance of the street sweeping.

If the sweeping is not done to the schedule listed above, the Contractor shall pay the liquidated damaged per the provisions of these Special Provisions.

The Contractor shall remove all loose aggregate from the curbs, gutters, driveways, and sidewalks prior to sweeping the roadway surface. The Contractor will be responsible to sweep abutting adjacent areas and haul routes. The Contractor shall have 1 working day to sweep the adjacent areas and haul route when requested in writing by the Engineer.

The Contractor shall sweep the micro-surfaced streets and adjacent areas with a self-propelled vacuum or regenerative air sweeper. Any additional sweepings required to remove excess material shall be performed as directed by the Engineer at no additional expense to the City.

37-3.03C(9) Test Strip

The Contractor shall construct a test strip prior to the first work order and then for each subsequent work order if the equipment or crew changes from the initial work order for evaluation by the Engineer 10 working days prior to the micro-surfacing application. The test strip shall be 500 feet to 1000 feet long and shall consist of the application courses specified. The test strip shall be constructed at the same time of day or night that the full production of micro-surfacing will be placed and may be constructed in 2 days or nights when multiple course applications are specified. The location of the test strip shall be specified by the City.

The micro-surfacing test strip shall have a break time and shall be able to be open to cross traffic no greater than 1 hour after the micro-surfacing is placed. This time will be reflected on the global projects break time and capability of being open to cross traffic. The global project shall have this break time and shall be able to be open to cross traffic no greater than 1 hour after placement of the micro-surfacing. If the test strip does not meet this requirement the test strip will be rejected and shall be removed at the Contractors expense.

The Engineer will evaluate the completed test strip after 12 hours of traffic on the completed test strip to determine if the mix design and placement procedure are acceptable. If the mix design or the placement procedure is determined by the Engineer to be unacceptable, the test strip will be rejected, the Contractor shall make modifications, and a new test strip shall be constructed and evaluated by the Engineer. The cost of materials and placement of the test strips, which have been rejected, shall be borne by the Contractor and will not be considered as part of the contract work. If ordered by the Engineer, rejected test strips shall be removed at the Contractors expense.

37-3.03C(10) Repair of Early Distress

If bleeding, raveling, delamination, rutting, or washboarding occurs within 60 days after placing the micro-surfacing, the Contractor shall diligently pursue repairs by any method

approved by the Engineer. The Contractor shall not be relieved from maintenance until repairs have been completed.

37-3.03D PAYMENT

The payment quantity for micro-surfacing bid items paid for by weight is the weight determined by combining the weights of the aggregate and micro-surfacing emulsion. The payment quantity for micro-surfacing does not include the weights of added water, mineral filler, and additives.

Weight shall be determined from calibrations and revolutions per day and verified with weight back tickets. The revolutions for each truck shall be submitted to the construction inspector prior to the start of work and the final revolution count shall be submitted to the construction inspector at the end of the day for every day micro-surfacing is applied, work shall not be permitted until these requirements are met.

All weight tickets including aggregate and emulsion tickets shall be turned in on a daily basis. For materials that is stockpiled prior to the start of the project, those tickets are required on a daily basis and at the end of the business day. In that case, upon project completion, weight back tickets are required for the emulsion and leftover stockpile aggregate shall be deducted and removed.

Full compensation for conforming to all requirements specified in section 37-3.03, "Micro-Surfacings" shall be considered as included in the contract unit price paid per ton for "Micro-Surfacing (Type II)".

The Contractor shall use a spread rate of 17 pounds of dry aggregate per square yard to determine the contract bid item for "Micro-surfacing Type II".

SECTION 38: BITUMINOUS SEALS FOR TRAILS

38-3 SLURRY SEAL

In addition the requirements of Section 37-3 of the Caltrans Standard Specifications, the following shall apply:

38-3.01 GENERAL

This work shall consist of mixing asphaltic emulsion, aggregate, mineral filler, set-control additives, and water and spreading the mixture on a surface or pavement where shown on the plans, as specified in these Special Provisions, and as directed by the Engineer. The mix should be capable of being spread in variably thick cross sections which, after curing and initial traffic consolidation resists compaction throughout the entire design tolerance range of bitumen content and variable thickness to be encountered. The end product should maintain a friction resistance surface (high wet friction coefficient) in variably thick sections throughout the service life of the slurry surfacing.

38-3.02B SLURRY SEAL

In addition to the requirements of Section 37-3.02 B(1) of the Standard Specifications, delete the chart shown in the second paragraph of this Section and insert the following chart:

Test	**ISSA Test**	**Requirement**
Wet Cohesion		
@ 30 min	TB-139	12 kg-cm min.
@ 60 min	TB-139	20 kg-cm (or near spin)
Excess Asphalt	TB-109	50 grams/sq. ft. max
Wet Stripping	TB-114	Pass (90% minimum)
Wet Track Abrasion	TB-100 One hour soak	50 grams/sq. ft. max
Mix Time @ 77°F	TB-113	Controllable to 270 sec min.

Add the following to the end of the third paragraph: The laboratory shall also report the quantitative effects of moisture content on the unit weight of the aggregate (bulking effect.) All the component materials used in the mix design shall be representative of the materials proposed to be used by the contractor on the project.

38-3.02B(2) AGGREGATE

The aggregate used for "Slurry Seal (Type I)" shall conform to Section 37-3.02 of the Standard Specifications and to the following specifications:

The aggregate used for Type I shall be black or grey rock aggregate. The black or grey rock aggregate shall be 100% crushed with no rounded particles, volcanic in origin and black in color. The material shall be free from vegetable matter and other deleterious substances. The use of gray or light-colored aggregate will be allowed. The contractor shall specify in the bid proposal the name and location of the black or grey rock aggregate quarry. The contractor shall submit samples and test results of the black rock aggregate to the Engineer for review and acceptance.

The percentage composition by weight of the aggregate shall conform to the following grading:

Sieve Size	*Percentage Passing*
3/8"	-
No. 4	100
No. 8	90-100
No. 16	60-90
No. 30	40-65
No. 200	10-20

The aggregate shall conform to the following additional quality requirements:

Test	Test Method	Requirement
Sand Equivalent	Cal. Test 217	75 min.
Durability Index	Cal. Test 229	75 min.

If the results of the aggregate grading do not meet the specified gradation, the Type I slurry sealing represented by the test shall be removed within five (5) working days of the engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the slurry sealing represented by the tests containing a percentage passing range value +/- 1 in any of the Sieve sizes, but not greater than +/- 4, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Sieve Sizes	Percentage Passing	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances	Allowable Tolerances
3/8" (9.5-mm)	-	PP -1	PP - 2	PP +/- 3	PP +/- 4
#4 (4.75-mm)	100	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#8 (2.36-mm)	90-100	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#16 (1.18-mm)	60 - 90	PP +/- 1	PP +/- 2	PP +/- 3	PP +/- 4
#30 (600-μm)	40-65	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
#200 (75-μm)	10-20	PP +/- 1	PP +/- 1	PP +/- 1	PP +/- 1
PAYMENT TO CITY		$2.50 per ton	$ 5.00 per ton	$ 7.50 per ton	$10.00 per ton

If the results of the Sand Equivalent test for aggregate do not meet the specified requirement, the slurry sealing represented by the test shall be removed within five (5) working days of the engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the slurry sealing represented by the tests containing a sand equivalent Value below 75, but not less than 65, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Sand Equivalent	Payment to City
75 or over	NONE
69-74	$ 2.50 per ton
66-69	$ 5.00 per ton
65	$ 7.50 per ton

If the results of the Durability Index test for aggregate do not meet the specified requirement, the slurry sealing represented by the test shall be removed within five (5) working days of the engineer's written notice. However, if requested in writing by the Contractor and approved by the Engineer, the slurry sealing represented by the tests containing a durability index value below 75, but not less than 65, may remain in place. The Contractor shall pay to the City the following amount for the screenings represented by the test and left in place:

Durability Index	Payment to City
75 or over	NONE
71-74	$ 2.50 per ton
68-70	$ 5.00 per ton
65-67	$ 7.50 per ton

When the results of two or all three of the aggregate grading, the Sand Equivalent, and Durability Index tests do not conform to the specified requirements, both or all three payments to the City shall apply. The City may deduct these amounts from any moneys due or to become due the Contractor.

No single aggregate grading or Sand Equivalent test shall represent more than 300 tons or one day's production, whichever is smaller.

38-3.02B(3) ASPHALTIC EMULSION

The asphalt emulsion shall be grade PMCQS1h and shall conform to the following requirements:

Type	Cationic	
Grade	PMCQS1h	
Properties	Min.	Max
Tests on Emulsion:		
Viscosity SSF @ 25°C, sec AASHTO Designation T-59	15	90
Sieve Test, % AASHTO Designation T-539	—	0.30
Storage Stability, 1 day, % AASHTO Designation T-59	—	1
Residue by Evaporation, % California Test 331	57	—
Particle Charge AASHTO Designation T-59	Positive	
Tests on Residue from Evaporation Test		
Penetration, 25°C AASHTO Designation: T 49	40	90
Ductility, 25°C, mm AASHTO Designation: T 51	400	—
Torsional Recovery, % California Test 332	21	—
or		
Polymer Content, % California Test 401	3	—

Note:

When the test for polymer content of polymer modified asphaltic emulsion is used, see sampling requirements in Section 94 of the Standard Specifications.

38-3.02B(4) MINERAL FILLER

If required, mineral filler shall be any recognized brand of non-air entrained portland cement or hydrated lime that is free from lumps. It may be accepted upon visual inspection. The type and amount of mineral filler needed shall be determined by the laboratory mix design and will be considered as part of the mineral gradation requirement. An increase or decrease of less than one percent may be permitted when the slurry surfacing is being placed if it is found to be necessary for better consistency or set times.

38-3.03B PROPORTIONING

In addition to the requirements of Section 37-3.03B(2) of the Standard Specifications, add the following to the end of the first paragraph: The percentages of each individual material required shall be shown in the laboratory report. Adjustments may be required during construction based on field conditions. The Engineer shall give final approval for all such adjustments.

The component materials shall be within the following limits:

Residual Asphalt	5.5% to 9.5% by weight of dry aggregate
Mineral Filler	0% to 3% by weight of dry aggregate
Additive	As needed
Water	As required to produce proper mix consistency

After addition of water and any set-control agent used, the completed mixture shall be such that the slurry surfacing mixture has proper workability and (a) will permit traffic flow without assisting traffic on the slurry surface within two hours after placement without the occurrence of bleeding, raveling, separation or other distress, and (b) will prevent development of bleeding, raveling, separation or other distress within 15 days after placing the slurry surface.

38-3.03C(6) MIXER/SPREADER TRUCK CALIBRATION

Each mixer/spreader truck used on the project shall be calibrated for each work order in accordance with California Test 109. Calibration shall take place a maximum of ten days prior to application of Slurry sealing. The Contractor shall notify the Inspector a minimum of three (3) working days prior to calibration so that City representatives may make arrangements to observe. The Calibration shall take place within 50 miles of the City of Roseville.

Calibrations will take place at most once a week or as required by the engineer and no machine will be allowed to work on the project until the calibration has been completed and/or accepted 3 working days before the start of work. Weigh back tickets shall be submitted at the end of each work day that slurry sealing is placed.

38-3.03D PLACING

In addition to the requirements of Section 37-3.03D of the Standard Specifications, add the following to the end of the third paragraph:

In addition to the requirements specified in this Section, the Contractor shall remove all vegetation from the surface of and cracks in existing paved surfaces and along the edge of pavement or gutter lips prior to placing slurry seal. Pavements impregnated with grease, oil, or fuel shall be thoroughly scrubbed with water and an approved detergent and then flushed and swept clean. Flushing will not be allowed except to clean scrubbed areas.

The slurry seal shall not be applied until an inspection of the surface has been made by the Engineer, and the Engineer has determined that the surface is suitable for slurry seal application.

Type I slurry seal shall be spread at a rate within 10 to 12 pounds of dry aggregate per square yard. The exact rate will be determined by the Engineer. The completed spread shall be within 10 percent of the rate determined by the Engineer.

38-3.03D(2) SURFACE PREPARATION

The Bike Trails shall be cleaned of oil and grease spots, dirt, clay, dust, and other deleterious materials that might adversely affect bonding of the seal coat. Cleaning shall be done by air blowing, vacuum, mechanical sweeper, washing, or other methods approved by the Engineer. Solvents shall not be used for cleaning pavement.

When detergents are used in the washing method for cleaning the pavement surface, the pavement shall be thoroughly rinsed with water before application of the seal coat. Detergents shall not be used that will adversely affect the pavement surface or the seal coat, as determined by the Engineer. The surface shall not have standing water prior to the application of the slurry seal.

After cleaning the existing pavement, remaining oil and grease spots shall be sealed with oil seal primer. The oil seal primer shall be applied in conformance with the manufacturer's recommendations.

Areas where oil or grease has penetrated the existing asphalt concrete, and cleaning, and applying oil seal primer or tack coat are insufficient to produce an acceptable surface to receive the seal coat shall be repaired as directed by the Engineer. Repairing these asphalt concrete areas will be paid for as extra work in conformance with the provisions in Section 4-1.03D, "Extra Work," of the Standard Specifications.

Where indicated on the work order that slurry shall be applied to the surface where new Hot Mix Asphalt has been placed, a minimum of 30 calendar days shall have elapsed from the placement of the Hot Mix Asphalt to the placement of slurry.

38-3.03E SWEEPING

Initial sweeping shall begin the day after slurry seal placement. Care shall be taken to avoid unraveling the slurry seal. Excessive sweeping will not be allowed.

Three sweepings shall be considered as included in the contract price paid for slurry seal (Type I). The first sweeping shall be performed the day after the application is

applied. The second sweeping shall be performed one week after the slurry seal application is applied. The third sweeping shall be performed two weeks after the slurry seal application is applied.

Prior to each sweeping the Contractor shall contact the Engineer in writing with the sweeping schedule. After sweeping takes place the contractor shall contact the Engineer in writing for acceptance of the sweeping. If the Contractor does not get Engineers written acceptance on street sweeping liquidated damages will apply as outlined in section **8-1.10 LIQUIDATED DAMAGES** of these Special Provisions.

Prior to each sweeping, the contractor shall remove all loose aggregate from the Bike Trails and abutting adjacent areas.

The Contractor shall sweep the slurry sealed Bike Trails and adjacent areas with a self-propelled vacuum or regenerative air sweeper. Any additional sweepings required to remove excess material shall be performed as directed by the Engineer at no additional expense to the City.

38-3.04 PAYMENT

The payment quantity for Slurry Seal bid items paid for by weight is the weight determined by combining the weights of the aggregate and slurry seal emulsion. The payment quantity for Slurry Seal does not include the weights of added water, mineral filler, and additives.

Weight shall be determined from calibrations and revolutions per day and verified with weight back tickets. The revolutions for each truck shall be submitted to the construction inspector prior to the start of work and the final revolution count shall be submitted to the construction inspector at the end of the day for every day micro-surfacing is applied, work shall not be permitted until these requirements are met.

All weight tickets including aggregate and emulsion tickets shall be turned in on a daily basis. For materials that is stockpiled prior to the start of the project, those tickets are required on a daily basis and at the end of the business day. In that case, upon project completion, weight back tickets are required for the emulsion and leftover stockpile aggregate shall be deducted and removed.

Full compensation for conforming to all requirements specified in section 38-3, “Slurry Seal” shall be considered as included in the contract unit price paid per ton for “Slurry Seal (Type I)”.

The Contractor shall use a spread rate of 12 pounds of dry aggregate per square yard to determine the contract bid item for “Slurry Seal Type I”.

39 HOT MIX ASPHALT

SECTION 39 HOT MIX ASPHALT (ASPHALT CONCRETE)

Replace Section 39-2.02B(3) with:

Asphalt binder for Type A Hot Mix Asphalt shall be performance grade 64-10 paving asphalt conforming to Section 92, "Asphalt Binders," of the Caltrans Standard Specifications.

Add to Section 39-2.02B(4):

Type A Hot Mix Asphalt shall be, ½" Maximum Medium Gradation.

Replace Section 39-2.02D with:

39-2.02D PAYMENT

Where there the work orders indicate Digouts and Mill & Fill treatments on the same roadway segment, the contractor shall be paid for net final in place quantity.

The contract unit price paid per ton for Hot Mix Asphalt (1/2", Type A) shall be paid for in the "Hot Mix Asphalt (1/2", Type A)" and shall include full compensation for furnishing all labor, materials, tools, cores, testing, 1 Job Mix Formula, equipment, and incidentals and for doing all the work involved in placing HMA (1/2", Type A), including, cores, placing, leveling, and compacting material for AC digouts and other asphalt areas, as shown on the plans, as specified in the Standard Specifications, and as directed by the Engineer.

The contract unit price paid per ton for Hot Mix Asphalt Digouts (1/2", Type A) shall be paid for in the "Hot Mix Asphalt (1/2", Type A)" and shall include full compensation for furnishing all labor, materials, tools, cores, testing, 1 Job Mix Formula, equipment, and incidentals and for doing all the work involved in placing HMA (1/2", Type A), including, cores, placing, leveling, and compacting material for AC digouts and other asphalt areas, as shown on the plans, as specified in the Standard Specifications, and as directed by the Engineer.

Add to Section 39-3.04C(3)

Planed material shall become the property of the City and be deposited at a site anywhere within the limits of the City of Roseville as directed by the Engineer. In addition, the Contractor shall be responsible for managing the material into a neat stockpile within the limits of the site.

Replace Section 39-3.04D with:

39-3.04D PAYMENT

Where there the plans indicate Digouts and Mill & Fill treatments on the same roadway segment, the contractor shall be paid for net final area cold planning quantity. Billing of overlapping areas will not be permitted.

Full compensation for conforming to all requirements specified in section 39-3 and Cold Planing to a depth of 4 – inches , shall be considered as included in the contract unit price paid per square yard for "Cold Plane Asphalt Concrete (Digouts) 4-inches".
Full compensation for conforming to all requirements specified in section 39-3 and Cold Planing to a depth of 4 – inches , shall be considered as included in the contract unit price paid per square yard for "Cold Plane Asphalt Concrete 4-inches".

Full compensation for conforming to all requirements specified in section 39-3 and Cold Planing to a depth of 2 – inches , shall be considered as included in the contract unit price paid per square yard for “Cold Plane Asphalt Concrete 2-inches”.
Full compensation for conforming to all requirements specified in section 39-3 and Cold Planing at conforms and Gutters, shall be considered as included in the contract unit price paid per square yard for “Cold Plane Asphalt Concrete at Conforms”.

SECTION 84. MARKINGS

84-1.01 GENERAL

Add the following to section 84-1.01:
Traffic stripes and pavement markings shall be installed per provisions in section 84 of the City of Roseville Construction Standards and these Special Provisions.

Contractor shall remove all existing striping and pavement markers within the project limits prior to resurfacing.

Before obliterating any pavement delineation, the alignment and location of the pavement delineation shall be referenced by the Contractor with a sufficient number of control points to reestablish the alignment and location. The references shall also include the limits or changes in striping pattern, including limit lines, crosswalks and other pavement markings.

Traffic stripes and pavement markings shall be replaced at all locations where existing traffic stripes and pavement markings are obliterated or covered as a result of asphalt resurfacing operations.

Unless otherwise noted on the plans, the Contractor shall replace all pavement delineation on the same alignment and location.

84-2 TRAFFIC STRIPES AND PAVEMENT MARKINGS

84-2.02 MATERIALS

In addition to the requirements of Section 84-2.02C of the Standard Specifications the following shall apply. The kind of paint to be used (solvent borne, water borne or acetone-based) shall be determined by the Contractor based on the time of year the paint is applied and local air pollution control regulations.

Thinning of paint will not be allowed.

Paint shall be tested prior to use or the manufacturer shall provide the Engineer with a Certificate of Compliance. The certificate shall certify that the paint complies with the specifications and that paint manufactured to the same formulation and process has previously passed State testing. A list of manufacturers that have produced paint meeting State specifications is available from the Transportation Laboratory. (Material supplied by manufacturers other than those that have manufactured approved paint will require complete testing.)

84-2.03A GENERAL

Add the following to section 84-2.03A General:

The Contractor shall be responsible for removal and establishing alignment of all Pavement Traffic Stripes and Pavement Markings outlined on the plans.

Permanent pavement delineation shall be installed no earlier than 7 calendar days and no later than 14 calendar days after the Chip Seal, Micro-surfacing, or Cape Seal application.

84-2.04 PAYMENT

Add the following to section 84-2.04 Payment.

Unless otherwise indicated all traffic striping and markings shall be thermoplastic. Paint traffic striping and markings shall only be installed on trails.

Full compensation for conforming to all requirements specified in section 84 "Markings," with exception of striping and pavement marker removal, shall be paid for at the contract per linear foot price paid for "Detail 23," "Detail 39," "Detail 39A," "Detail 10," "Detail 4," "Detail 17," "Detail 26," "Detail 38," "Detail 37C," "4 inch paint striping" and the contract per square foot price paid for "Pavement Markings" and "Paint Pavement Markings."

Full compensation for conforming to all requirements specified in section 84 "Markings," with respect to the removal of striping and pavement makers, shall be considered as included in the Contractor's bid for various items of work, and no additional compensation will be allowed.

85 RESERVED

Replace section 85 with the following:

SECTION 85. PAVEMENT MARKERS

85-1.01 PAVEMENT MARKERS

85-1.01A GENERAL

85-1.01A(1) Summary

Pavement markers shall be installed per provisions in section 85 of the City of Roseville Construction Standards and these Special Provisions.

Pavement markers shall be applied at all locations where existing pavement markers are obliterated or covered as a result of Chip Seal, Micro-surfacing, or Roseville Cape Seal operations.

All non-reflective pavement markers shall be ceramic.

At locations where bike lane striping is used to channelize traffic, acceleration lanes, right turn deceleration lanes and bus turnouts, both stripes shall be detail 38. Reflective pavement markers shall be placed along both stripes.

85-1.02 MATERIAL

Not used

85-1.03 CONSTRUCTION

85-1.03A General

The Contractor shall be responsible for removal and establishing alignment of all pavement markers outlined on the plans. The Contractor shall place lane lines, centerlines, no passing zones – two way direction lines, channelizing lines, and fire hydrant markers. The Contractor shall be responsible for placing all pavement markers.

85-1.04 PAYMENT

Add the following to section 85-1.04 Payment.

Full compensation for conforming to all requirements specified in section 85 “Pavement Markings,” with exception of striping and pavement marker removal, shall be paid for at the contract per linear foot price paid for “Detail 23,” “Detail 39,” “Detail 39A,” “Detail 10,” “Detail 4,” “Detail 17,” “Detail 26,” “Detail 38,” “Detail 37C,” “4 inch paint striping” and the contract per square foot price paid for “Pavement Markings” and “Paint Pavement Markings.”

Full compensation for conforming to all requirements specified in section 85 “Pavement Markers,” with respect to the removal of striping and pavement makers, shall be considered as included in the Contractor’s bid for various items of work, and no additional compensation will be allowed.

SECTION 96. GEOSYNTHETICS

96-1.02K PAVING MAT

Add the following to section 96-1.02K Paving Mat:

Paving Mat shall be TruPave or equivalent.

Paving Mat shall be installed per manufactures instructions prior to chip seal operation were indicated in the work order.

Traffic shall not be allow upon the Paving Mat. Traffic may be allowed on areas where Paving Mat is installed after Chip Seal treatment is applied.

Full compensation for conforming to all requirements specified in section 96 “Geosyntehtics,” and with the manufactures installation instructions, and tack coat shall be paid for at the contract per square yard price paid for “Paving Mat.”

END OF SPECIAL PROVISIONS

Appendix A – Payment Forms

CITY OF ROSEVILLE CALIFORNIA

Department of Public Works
311 Vernon Street
Roseville, CA 95678

MONTHLY PROJECT PAYMENT ESTIMATE SUMMARY

Payment Estimate No: _____

Work Performed Through: _____

Contractor: _____

Address: _____

_____

Project: _____

Acct.No: _____

Contract Summary	
Original Contract Amount:	(1) _____
Approved Change Orders (CCO) through CCO#: _____	(2) _____
Quantity Changes (Requires Project Engineer/Inspector verification):	(3) _____
Total Contract Amount to Date:	(4) _____

Payment Summary	CURRENT PAY PERIOD AMOUNT	PREVIOUS AMOUNT	TO DATE AMOUNT
Contract Payments Payment through PP# _____)			
Change Order Payments (CCO# _____ through _____)			
Total Earnings:			
Less: Retention: (5%) In escrow account Yes ☐ No ☐			
Less: Administrative Deductions (Deducted from PP# _____)			
Payment Due to Contractor			

The undersigned Contractor or Contractor's Authorized Representative certifies that to the best of his knowledge, information, and belief, the work covered in this application for payment has been completed in accordance with the contract documents and the costs shown are true and correct.

Resident Engineer:	**Senior Engineer:**	**Contractor:**
Date:	**Date:**	**Date:**

CITY OF ROSEVILLE
CALIFORNIA

Department of Public Works
311 Vernon Street
Roseville, CA 95678

Project: _____

Acct.No: _____

Contractor: _____

_____

PROJECT PAYMENT ESTIMATE

Payment Estimate No: _____

Work Performed Through: _____

Item No.	Item Description	Unit	Estimated Quantity	Unit Cost	Contract Amount	This Estimate		Previous Estimates		Work Completed		Work Remaining	
						Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount

CITY OF ROSEVILLE
CALIFORNIA

Department of Public Works
311 Vernon Street
Roseville, CA 95678

Project: _____

Acct.No: _____

Contractor: _____

QUANTITY ADJUSTMENT FORM

Payment Estimate No: _____

Work Performed Through: _____

INSTRUCTIONS

This form is to accompany Progress Payments or the Final Payment where there are quantity changes (variations in quantities) authorized by the Department of Public Works that adjust the Total Contract Amount.

Quantity Changes in the amount of:
Accompanying Progress Payment # (or Final Payment) _____ have been reviewed and the actual quantities verified.

Item No.	Item Description	Unit	Unit Cost	Contract Quantity Adjustments								
				This Estimate			Previous Estimates			To-Date Totals		
				Quantity	Increase (Decrease)	Amount	Quantity	Increase (Decrease)	Amount	Quantity	Increase (Decrease)	Amount

Contractor Signature **Date**

Resident Engineer Signature **Date**

CONSTRUCTION CONTRACT
FINAL RELEASE

NOTICE: A signed Final Release is required with submittal of request for final payment.

From: _____
Contractor

_____
Address

Date: _____

Payment Request No: _____

Acct.No: _____

Project Name:
_____
_____

To: CITY OF ROSEVILLE
Department of Public Works
Engineering Division
311 Vernon Street
Roseville, CA 95678

Upon receipt by the undersigned of a check from the City of Roseville in the sum of

_____

payable to _____

_____

This release covers the final payment to the undersigned for all labor, services, equipment or material furnished on the job, including the work of or all materials furnished for all subcontractors, suppliers, or other agents acting on behalf of the undersigned on this work. There are no disputed claims for additional work.

Contractor Signature: _____

Print Name: _____

Title: _____

Date: _____

CITY OF ROSEVILLE CALIFORNIA

CONTRACT CHANGE ORDER

Change Order No. _____

Date Prepared: _____

Department of Public Works
311 Vernon Street
Roseville, CA 95678

Contractor: _____ Project: _____

Address: _____ Acct.No: _____

_____

You are directed to make the following changes from the plans and specifications or do the following described work not included in the plans and specifications for this contract.

Description of work to be done, estimate of quantities, and prices to be paid:

Segregate between additional work at contract price, agreed price, and force account.
Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

Estimated Cost: ☐ ***Decrease*** ☐ ***Increase***

By reason of this order, the time of completion will be adjusted as follows:

Original Contract Amount: _____

Total Change by Previous Change Orders and/or Quantity Adjustment: _____

Contract Amount Prior to this Change Order: _____

Contract Amount to be (*Increased/Decreased)* _____ by this Change Order: _____

Adjusted Contract Amount Including this Change Order: _____

SIGNATURE	(PRINT NAME & TITLE)	DATE

CITY APPROVAL BY:

SIGNATURE	(PRINT NAME & TITLE)	DATE

We, the undersigned contractor, have given careful consideration to the change proposed and agree, if this proposal is approved, that we will provide all equipment, furnish the materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment, therefore, the prices shown above. **NOTE: If you, the contractor, do not sign acceptance of this order, your attention is directed to the requirements of the specifications as to proceeding with the ordered work and filing a written protest within the time therein specified.**

CONTRACTOR ACCEPTANCE BY:

SIGNATURE	(PRINT NAME & TITLE)	DATE

Appendix B – Intersection Flash Form

Public Works
Engineering
311 Vernon Street
Roseville, California 95678-2649

INTERSECTION RED FLASH APPROVAL

With stamped approval of this letter by the Traffic Section, Red Flash/Dark Signal is approved for the following intersection as specified below:

LOCATION: _____

PROJECT ACCOUNT NUMBER: _____

DATE: _____

TIME/DURATION: _____

☐ RED FLASH APPROVED:

1. Contractor shall contact the City Inspector 48 hours prior to needing the intersection in red flash. Signal shutdown shall be performed only by City personnel, unless otherwise directed by the Engineer.
2. The contractor shall contact the Traffic Signal Technician either by telephone at **(916) 746-1760** or by email or text message at pagesignaltechnicians@roseville.ca.us one hour prior to needing the traffic signal placed into or removed from red flash.
3. The traffic signal will not be permitted to be placed in red flash during rain, lightning, or inclement weather conditions (including wet pavement conditions).
4. The Contractor shall reimburse the City for the actual cost of all inspection, including City Traffic Signal Technician time as required.
5. "Road Work Ahead" Signs required at all approaches to intersection when in red flash.
6. The Contractor shall furnish and place 36" "Stop" signs on arterial roadway approaches. Signs shall be mounted at a height of 84".

☐ DARK SIGNAL APPROVED – ADDITIONAL REQUIREMENTS

1. The Contractor shall place "Stop Ahead" C-W17 and "Stop" R-1 signs to direct vehicle and pedestrian traffic through the intersection during traffic signal system shutdown. Temporary "Stop Ahead" and "Stop" signs shall be removed when the system is turned on.
2. "Stop Ahead" and "Stop" signs shall be furnished by the Contractor. Minimum size of "Stop" signs shall be 36" for single sign placements and 24" for dual sign placements. Signs shall be mounted at a **height of 84"**.
3. One "Stop Ahead" sign and one "Stop" sign shall be placed for each direction of traffic. For approaches with two or more through or left turn lanes, two "Stop" signs shall be placed. Typical sign placement should be between the left turn and through lanes. Additional "Stop" signs should be placed on the shoulder. No "Stop" signs shall be placed in a manner that blocks bike lanes.
4. "Stop Ahead" and "Stop" signs shall be in place in each direction immediately prior to the intersection going dark and removed immediately after the intersection is placed back into red flash.
5. **Red flashing beacons or flares shall** be placed and maintained at each "Stop" sign during nighttime (dark) hours.
6. Traffic control must be verified by the Public Works Construction Inspector prior to the signal being deactivated.

☐ **I have read the above Intersection Red Flash Approval requirements.**

REQUESTOR INFO: _____
Name of Company

_____ ( ) _____
Print Name of Requestor Contact Phone Number

SIGNATURE: **X**_____ / / _____
Date

INSPECTOR NAME: _____ Inspector. Phone #: _____

Copy To: Contractor, Public Works Inspector, Signal Technicians, NOTE: Contractor is required to follow all requirements of this letter and keep a signed and stamped copy at job site.

Appendix C – Notification Letter

CITY OF ROSEVILLE CALIFORNIA

We're improving your street!

Your street is scheduled to be paved the week of: _____

The City of Roseville will soon begin a street resurfacing project in your neighborhood. Please read this entire notice carefully to help you understand the project and avoid any temporary inconvenience you may encounter.

The purpose of this resurfacing project is to provide a new pavement surface that should last for many years.

Please note that the paving schedule is subject to change. NO PARKING signs, which will include exact work dates for your street, will be posted on barricades 24 to 48 hours before work begins. Parking must be prohibited during construction to protect your vehicles and the new street surface.

Vehicles not removed from the street before work begins will be towed to a storage facility and will incur towing and storage charges.

Please contact the City of Roseville Police Department at 774-5000 if your vehicle is missing.

During the resurfacing work, traffic will be limited to the use of one lane for up to 8 hours between 7 AM and 5 PM. We recommend parking your vehicles on adjacent streets that are not affected by the project. Your vehicles will then be available whenever you need them, regardless of the construction schedule on your street.

Your street will be accessible to emergency vehicles. Do not hesitate to call 911 if you require emergency assistance from fire, medical, or law enforcement personnel.

Please note:

1) The asphalts used in the asphalt overlay procedures are very sticky when fresh, and difficult to remove from shoes, tires, driveways, clothing, and carpets. Entering construction zones before the roads are opened to traffic is not recommended. Failure to obey traffic control signs or personnel is done at your own risk.
2) The pavement must be dry for proper adhesion of the resurfacing material. Please restrict irrigation watering to prevent wet or damp pavement.

If you should have any questions about the resurfacing project, please call the City of Roseville Engineering Division at (916) 746-1300.

Thank you for your cooperation!

Appendix D – BMPs

DRAIN INLET PROTECTON



For installation detail see Appendix (A)
BMP – 7
BMP – 8
BMP – 11

Description

Storm drain inlet protection reduces sediment, carried by runoff from a construction site, entering the storm drain system. Effective storm drain inlet protection allows sediment to settle out of water, or filters sediment from the water before it enters the drain inlet. Inlet protection is the last line of defense for water quality prior to water entering the system and being transported to a creek or stream.

Common Application

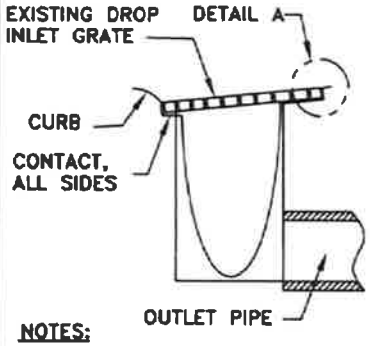
There are typically two common situations where drain inlet protection is needed. The first is where the storm drain system and drain inlets are in the process of being constructed, and the second is where the drain inlets are either existing or just completed.

For drain inlets under construction, the four common devices used are sandbag barriers, fiber roll barriers, filter fence barriers and filter bags. The sand bags are stacked (usually two high) around the drain inlet in a circle. A fiber roll can be used as a barrier around drain inlets and grated manholes. The filter fence is an effective drain inlet protection measure in open areas and where sheet flows are low and do not exceed 0.5 cubic feet per second. Filter bags are installed inside the inlet and must be used in combination with filter fences, sandbags or fiber roll barriers.

For existing drain inlets, a combination of filter bags and rock bags are used to settle out and trap sediment. A filter bag is placed and secured just under the grate. Rock bags are placed adjacent to the upstream side of the drain inlet, butted up against the curb face, and angled slightly toward the drain grate. The gravel bags used shall be of sufficient resiliency to withstand vehicle/construction traffic without tearing and depositing gravel in the catch basin or on the street. On heavier traveled roadways, rock bags may be omitted, as a matter of public safety, at the construction inspector's discretion.

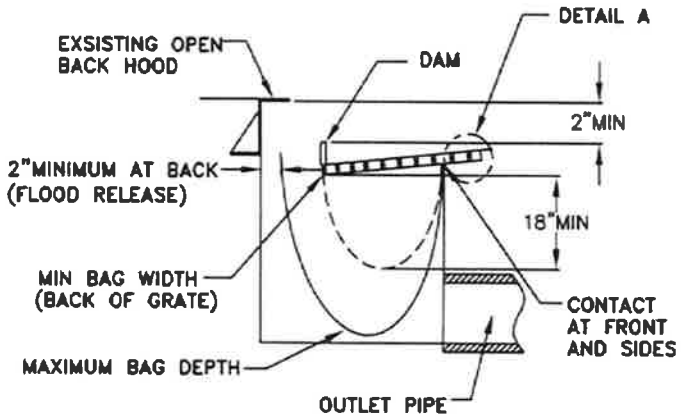
Maintenance

Inspect drain inlet barriers before and after storms, at 24-hour intervals during extended storms, and weekly during the rainy season. Check to determine if sediment is by-passing the barrier during inspections. Drain inlet protection needs to be removed once the construction site is 70% vegetated and the permit has been terminated.



PLACEMENT AT TYPE A, C, D, AND F DROP INLETS AND PARKING LOTS

NTS

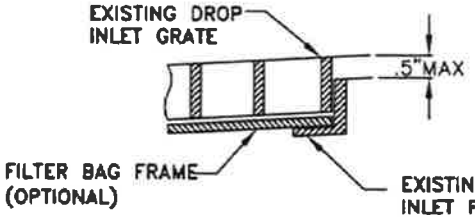


PLACEMENT AT TYPE B AND E DROP INLETS

NTS

NOTES:

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAR FOOT, AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH MINIMUM FLOW RATE OR 40 GALLONS/ MINUTE/ SQ FT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDED NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT REST MORE THAN .5" ABOVE THE INLET FRAME (SEE DETAIL A)
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE.



DETAIL A

ROB JENSEN
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

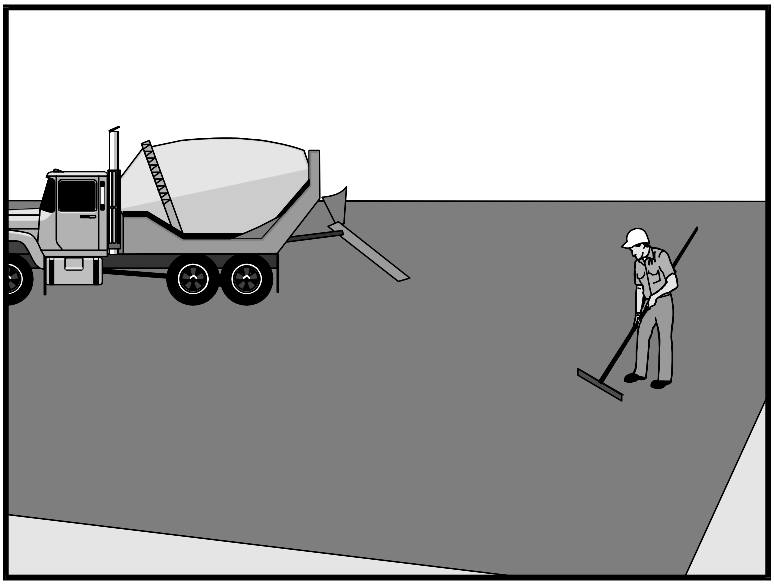
DRAIN INLET FILTER BAG INSTALATION DETAIL

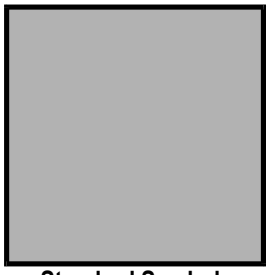
SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-8

Paving and Grinding Operations

NS-3





Standard Symbol

BMP Objectives

- ○ Soil Stabilization
- ○ Sediment Control
- ○ Tracking Control
- ○ Wind Erosion Control
- ● Non-Storm Water Management
- ○ Materials and Waste Management

Definition and Purpose

Procedures and practices for conducting paving, saw cutting, and grinding operations to minimize the transport of pollutants to the storm drain system or receiving water body.

Appropriate Applications

These procedures are implemented where paving, surfacing, resurfacing, grinding or sawcutting, may pollute storm water runoff or discharge to the storm drain system or watercourses.

Limitations

- Finer solids are not effectively removed by filtration systems.
- Paving opportunities may be limited during wet weather.

Standards and Specifications

- Substances used to coat asphalt transport trucks, asphalt trucks, and asphalt spreading equipment shall not contain soap and shall be non-foaming and non-toxic.
- Place plastic materials under asphaltic concrete (AC) paving equipment while not in use, to catch and/or contain drips and leaks. See also BMP WM-4, "Spill Prevention and Control."
- When paving involves AC, the following steps shall be implemented to prevent the discharge of uncompacted or loose AC, tack coats, equipment cleaners, or other paving materials:
  - Minimize sand and gravel from new asphalt from getting into storm drains, streets, and creeks by sweeping.
  - Old or spilled asphalt must be recycled or disposed as approved by the Resident Engineer (RE).

- AC grindings, pieces, or chunks used in embankments or shoulder backing must not be allowed to enter any storm drain or watercourses. Install silt fence until structure is stabilized or permanent controls are in place.
- Collect and remove all broken asphalt and recycle when practical; otherwise, dispose in accordance with Standard Specification 7-1.13.
- Any AC chunks and pieces used in embankments must be placed above the water table and covered by at least 0.3 m (1 ft) of material.
- During chip seal application and sweeping operations, petroleum or petroleum covered aggregate must not be allowed to enter any storm drain or water courses. Use silt fence until installation is complete.
- Use only non-toxic substances to coat asphalt transport trucks and asphalt spreading equipment.

■ Drainage inlet structures and manholes shall be covered with filter fabric during application of seal coat, tack coat, slurry seal, and/or fog seal.

■ Seal coat, tack coat, slurry seal, or fog seal shall not be applied if rainfall is predicted to occur during the application or curing period.

■ Paving equipment parked onsite shall be parked over plastic to prevent soil contamination.

■ Clean asphalt-coated equipment off-site whenever possible. When cleaning dry, hardened asphalt from equipment, manage hardened asphalt debris as described in BMP WM-5, "Solid Waste Management." Any cleaning onsite shall follow BMP NS-8, "Vehicle and Equipment Cleaning."

■ Do not wash sweepings from exposed aggregate concrete into a storm drain system. Collect and return to aggregate base stockpile, or dispose of properly.

■ Allow aggregate rinse to settle. Then, either allow rinse water to dry in a temporary pit as described in BMP WM-8, "Concrete Waste Management," or dispose in accordance with Standard Specifications Section 7-1.13.

■ Do not allow saw-cut Portland Concrete Cement (PCC) slurry to enter storm drains or watercourses.

Pavement Grinding or Removal

■ Residue from PCC grinding operations shall be picked up by means of a vacuum attachment to the grinding machine, shall not be allowed to flow across the pavement, and shall not be left on the surface of the pavement. See also BMP WM-8, "Concrete Waste Management;" and BMP WM-10, "Liquid Waste Management," and Standard Specifications Section 42-2

"Grindings."

- Collect pavement digout material by mechanical or manual methods. This material may be recycled if approved by the RE for use as shoulder backing or base material at locations approved by the RE.
- If digout material cannot be recycled, transport the material back to a maintenance facility or approved storage site.
- Digout activities shall not be conducted in the rain.
- When approved by the RE, stockpile material removed from roadways away from drain inlets, drainage ditches, and watercourses and stored consistent with BMP WM-3, "Stockpile Management."
- Disposal or use of AC grindings shall be approved by the RE. See also BMP WM-8, "Concrete Waste Management."

Thermoplastic Striping

- All thermoplastic striper and pre-heater equipment shutoff valves shall be inspected to ensure that they are working properly to prevent leaking thermoplastic from entering drain inlets, the storm water drainage system, or watercourses.
- The pre-heater shall be filled carefully to prevent splashing or spilling of hot thermoplastic. Leave six inches of space at the top of the pre-heater container when filling thermoplastic to allow room for material to move when the vehicle is deadheaded.
- Contractor shall not pre-heat, transfer, or load thermoplastic near drain inlets or watercourses.
- Clean truck beds daily of loose debris and melted thermoplastic. When possible recycle thermoplastic material. Thermoplastic waste shall be disposed of in accordance with Standard Specification 7-1.13.

Raised/Recessed Pavement Marker Application and Removal

- Do not transfer or load bituminous material near drain inlets, the storm water drainage system or watercourses.
- Melting tanks shall be loaded with care and not filled to beyond six inches from the top to leave room for splashing when vehicle is deadheaded.
- When servicing or filling melting tanks, ensure all pressure is released before removing lids to avoid spills.
- On large scale projects, use mechanical or manual methods to collect excess

bituminous material from the roadway after removal of markers.

- Waste shall be disposed of in accordance with Standard Specification 7-1.13.

Maintenance and Inspection

- Inspect and maintain machinery regularly to minimize leaks and drips.
- Ensure that employees and subcontractors are implementing appropriate measures during paving operations.

Appendix E – General Note Sheets

GENERAL NOTES:

ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS, THE MOST CURRENT EDITION OF THE CITY OF ROSEVILLE STANDARD CONSTRUCTION SPECIFICATIONS AND DESIGN AND CONSTRUCTION STANDARDS, THE 2015 EDITION OF THE STATE OF CALIFORNIA STANDARD PLANS, SPECIFICATIONS, SPECIAL PROVISIONS, AND AMENDMENTS TO THE 2015 STATE OF CALIFORNIA STANDARD PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS. THE CONTRACTOR SHALL HAVE SIGNED PLANS IN POSSESSION PRIOR TO BEGINNING WORK.

THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF U.S.A. 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING TOLL-FREE NUMBER: (800) 642-2444. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.

THE CONTRACTOR SHALL MARK ALL AREAS TO BE EXCAVATED PRIOR TO CONTACTING U.S.A., ANY AREAS NOT MARKED WILL NOT BE SUBJECT TO U.S.A. AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM EXCAVATION.

THE TYPES, LOCATIONS, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OF THE NEW IMPROVEMENTS, CONNECTING TO EXISTING IMPROVEMENTS AND UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS, OTHER SURVEY MARKERS, STREET SIGNS AND OTHER IMPORTANT OBJECTS ON THE JOB SITE.

A.C. SURFACE SHALL BE CUT TO A NEAT, STRAIGHT LINE PARALLEL WITH OR PERPENDICULAR TO THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED, AND RESEALED PRIOR TO PAVING.

THE CONTRACTOR SHALL SUBMIT A TRAFFIC MANAGMENT PLAN WHICH SHALL BE ACCEPTED BY THE CITY OF ROSEVILLE ENGINEERING DIVISION BEFORE START OF WORK IN THE RIGHT-OF-WAY AND SHALL BE IN ACCORDANCE WITH THE MOST CURRENT CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. IF, AS PART OF TRAFFIC CONTROL MEASURES, A ROADWAY CLOSURE HAS BEEN APPROVED, THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DIVISION INSPECTOR 72 HOURS IN ADVANCE OF SETTING UP THE CLOSURE.

ALL EXISTING CONCRETE SURFACE TO BE REMOVED SHALL BE SAW CUT TO A NEAT, STRAIGHT LINE AND SHALL BE REMOVED TO THE ADJACENT JOINTS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PEDESTRIANS, VEHICULAR TRAFFIC, EXISTING LANDSCAPE, AND SURVEY MARKERS WITHIN THE CONSTRUCTION LIMITS.

UTILITIES LOCATIONS ARE TAKEN FROM CITY AS-BUILT DRAWINGS AND FIELD REVIEWS. LOCATIONS OF THE GROUND FEATURES (MH, VALVES, ETC.) ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR BOTH DURING THE TIME OF BID AND CONSTRUCTION.

STANDARD GENERAL NOTES:

THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.

EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADQUATE SHORING, BRACING AND SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING, AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS AND SHALL PROVIDE THE CITY OF ROSEVILLE WITH A COPY OF THE OSHA PERMIT.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS NECESSARY TO PERFORM THE WORK SHOWN ON THESE PLANS FROM THE APPROPRIATE AGENCIES. REFER TO THE SPECIAL PROVISIONS FOR PERMITS NEEDED.

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS, AND/OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.

THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.

STATIONING HEREON IS ALONG STREET CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED. ALL STATIONING IS APPROXIMATE.

ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE MOST CURRENT CITY OF ROSEVILLE STANDARDS AND TO THE SATISFACTION OF THE ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE.

IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING, OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY. IN ACCORDANCE WITH SECTION 21-2E OF THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS, THE ROSEVILLE COMMUNITY DEVELOPMENT DEPARTMENT SHALL BE CONTACTED IMMEDIATELY.

THE CONTRACTOR SHALL MEET AND FOLLOW THE ENVIRONMENTAL PROTECTION AGENCY'S (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.

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STRIPING NOTES:

UNLESS OTHERWISE NOTED ON THE PLANS, THE CONTRACTOR SHALL REPLACE ALL PAVEMENT DELINEATION ON THE SAME ALIGNMENT. BEFORE OBLITERATING ANY PAVEMENT DELINEATION, THE LOCATION OF THE PAVEMENT DELINEATION SHALL BE REFERENCED BY THE CONTRACTOR WITH A SUFFICIENT NUMBER OF CONTROL POINTS TO REESTABLISH THE ALIGNMENT. THE REFERENCES SHALL ALSO INCLUDE THE LIMITS OR CHANGES IN STRIPING PATTERN, INCLUDING ONE- AND TWO-WAY BARRIER LINES, LIMIT LINES, CROSSWALKS, AND OTHER PAVEMENT MARKINGS.

CONTRACTOR SHALL REMOVE ALL EXISTING NON-CONFORMING STRIPING (BY GRINDING) AND PAVEMENT MARKERS AND ALL EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING.

ALL RAISED PAVEMENT MARKERS SHALL BE FURNISHED AND INSTALLED AT THE CONTRACTOR'S EXPENSE AND SHALL BE AS SPECIFIED BY THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS AND THE TRAFFIC MANUAL OF THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF CALIFORNIA.

ALL TRAFFIC STRIPES, ARROWS, AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED WITH THERMOPLASTIC MATERIAL TO THE SPECIFICATIONS SET FORTH IN SECTION 84 OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS. THERMOPLASTIC MATERIAL SHALL BE APPLIED ONLY WHEN THE PAVEMENT SURFACE IS ABOVE 60 DEGREES FAHRENHEIT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING AS REQUIRED BY THE CALTRANS TRAFFIC MANUAL TO DELINEATE CONSTRUCTION HAZARDS AT HIS EXPENSE.

DRAIN INLETS SHALL BE PROTECTED FROM GRINDINGS ENTERING THE STORM DRAIN SYSTEM.

STOP AND YIELD LEGEND PAVEMENT MARKINGS AND LIMIT LINES ARE REQUIRED WITH CORRESPONDING SIGNS. THE YIELD LIMIT LINE SHALL BE PER THE CAMUTCD WITH CS (24" BY 36" TRIANGLES).

LANE LINES MUST ALIGN THROUGH INTERSECTIONS.

ALL ANGLED STOP BARS ARE TO BE REPLACED WITH STRAIGHT STOP BARS.

ALL STOP BARS ARE TO BE LOCATED BEHIND EXISTING CURB RAMPS.

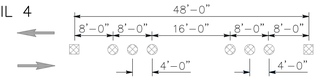
LEGEND	
CAPE SEAL	
CAPE SEAL WITH FABRIC	
3.25 - 4.00" MILL AND FILL	
4" MILL AND FILL	
DIGOUT	
MONUMENT	
DRAIN INLET	
FIRE HYDRANT	
SEWER FLUSH	
SEWER MANHOLE	S
SEWER NODE	
SEWER PUMP STATION	S
STORM WATER MANHOLE	D
STORM WATER NODE	
WATER BLOW OFF VALVE	
WATER NODE	
YIELD LINE	

LEGEND

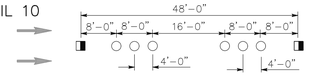
MARKERS

- TYPE AY YELLOW NON-REFLECTIVE
- TYPE A WHITE NON-REFLECTIVE
- TYPE D TWO-WAY YELLOW RETROREFLECTIVE
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE
- TYPE H ONE-WAY YELLOW RETROREFLECTIVE
- TYPE RY RED-YELLOW RETROREFLECTIVE

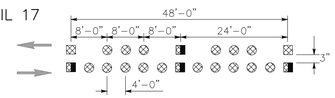
DETAIL 4



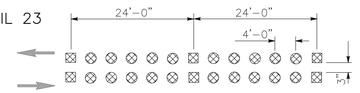
DETAIL 10



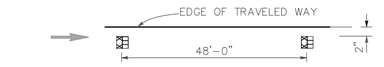
DETAIL 17



DETAIL 23

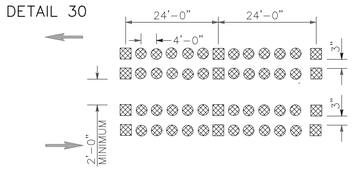


DETAIL 26

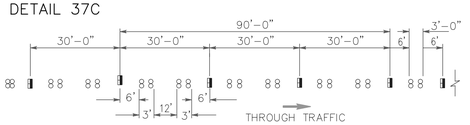


NOTE:
DETAIL 26 MARKERS SHALL BE PLACED 2" FROM FACE OF MEDIAN CURB.

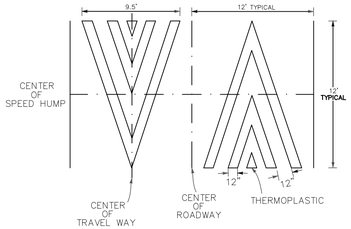
DETAIL 30



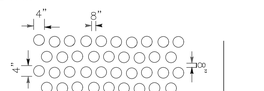
DETAIL 37C



SPEED HUMP

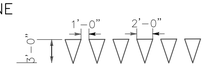


RUMBLE STRIP



NOTE:
44" CLEARANCE FROM EDGE OF PAVEMENT (EOP) ON BOTH ENDS

YIELD LINE



N-1

NO.	REVISION	BY	DATE

BENCH MARK

ELEVATION _____ DATUM _____

DESCRIPTION _____

DESIGN BY: GURSEWAK S.
DRAWN BY: GURSEWAK S.
CHECKED BY: NOAH S.
SCALE: NTS
DATE: 03-18-2021
PROJECT NO: 500117

ENGINEERING MANAGER

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
S. KEMEN
No. 72653
Exp. 6-30-22
CIVIL
STATE OF CALIFORNIA

CITY OF ROSEVILLE
DEPARTMENT OF PUBLIC WORKS
311 VERNON STREET
ROSEVILLE, CA 95678
(916) 746-1300

CITY OF ROSEVILLE CALIFORNIA

ON-CALL ROADWAY & TRAIL MAINTENANCE SERVICES

CITY OF ROSEVILLE CALIFORNIA

1

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B: \PUBLIC WORKS\CIP\GURSE\2021 RESURFACING PROJECT – SUN CITY PHASE 1\CAD\AREA 1.DWG

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ALL BIKE TRAILS ARE LOCATED IN AN OPENSPACE PRESERVE. ALL EQUIPMENT SHALL REMAIN ON PAVED BIKE TRAILS AT ALL TIME AND SHALL NOT ENTER THE OPEN SPACE AREA.

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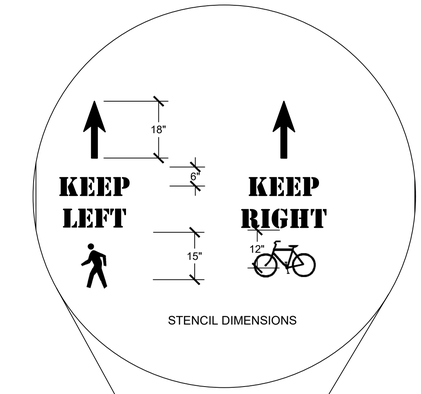
ALL TRAFFIC STRIPES, ARROWS AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED WITH PAINT MATERIAL TO THE SPECIFICATIONS SET FORTH IN SECTION 84 OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) 2015 STANDARD SPECIFICATIONS.

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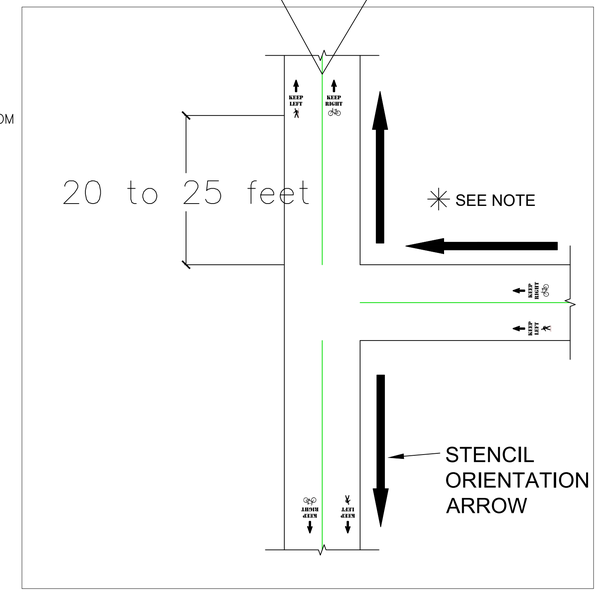
LANE LINES MUST ALIGN THROUGH INTERSECTIONS.

✳ TRAIL ENTRANCE RIGHT/LEFT STENCIL SHOULD BE ABOUT 20 FEET FROM THE TRAIL ENTRANCE.

STENCILS SHALL BE PLACED OFFSET SUCH THAT THE EDGE OF "KEEP LEFT" LETTERING IN PEDESTRIAN STENCIL IS LOCATED 6 INCHES FROM EDGE OF PAVEMENT AND THE EDGE OF "KEEP RIGHT" LETTERING IN BICYCLE STENCIL IS LOCATED 6 INCHES FROM TRAIL CENTERLINE.



STENCIL DIMENSIONS



DETAIL ⟨6⟩ WALK/RIDE STENCIL

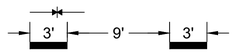
STRIPING LEGEND

NOTES:

1. UNLESS OTHERWISE NOTED ON PLANS, THE CONTRACTOR SHALL REPLACE ALL PAVEMENT DELINEATION ON THE SAME ALIGNMENT AND LOCATION.
2. ALL EXISTING THERMOPLASTIC STRIPING TO BE REMOVED. STRIPING TO BE REPLACED WITH PAINT

CHANGE IN STRIPE DETAIL

DETAIL ⟨1⟩ 4" DASHED YELLOW STRIPE



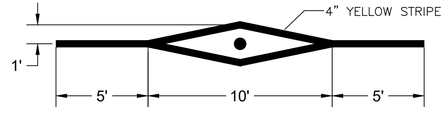
DETAIL ⟨2⟩ 4" SOLID YELLOW STRIPE

DETAIL ⟨3⟩ 4" SOLID WHITE STRIPE

DETAIL ⟨4⟩ 12" WHITE LIMIT LINE

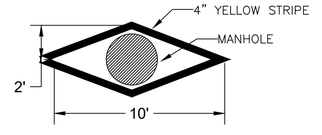


DETAIL ⟨5⟩ BOLLARD STRIPING



DETAIL ⟨6⟩ WALK/RIDE STENCIL (SEE NOTES PAGE 3 FOR STENCIL DETAIL)

DETAIL ⟨7⟩ MANHOLE STRIPING



BENCH MARK

ELEVATION _____ DATUM _____

DESCRIPTION _____

DESIGN BY: BD/RY
DRAWN BY: BD/RY
CHECKED BY: CG
SCALE: 1" = 625'
DATE: 1/17/2019
PROJECT NO: 189001

ENGINEERING MANAGER

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
S. KEMEN
No. 72653
Exp. 06-30-22
CIVIL
STATE OF CALIFORNIA

CITY OF ROSEVILLE
DEPARTMENT OF PUBLIC WORKS
311 VERNON STREET
ROSEVILLE, CA 95678
(916) 746-1300

ON-CALL ROADWAY AND TRAIL MAINTENANCE SERVICES
NOTES

B:\PW-CIP\1_Current Projects\2018 Bike Trail Slurry Seal\Logo & Signature\black_california.jpg

CITY OF ROSEVILLE CALIFORNIA

1 OF 1

CADD FILE: C:\Users\khatkarjaspreet\appdata\local\temp\AcPublish_14600\2018 Bike trail slurry seal Cover Notes.dwg
Apr 14, 2021

COUNCIL COMMUNICATION

CC #: 1434
File #: 0704-01

Title:	Four Corners Park (W-50C) Project - Approval of Plans and Specifications and Authorization to Call for Bids
Contact:	Joel De Jong 916-774-5924 jdejong@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.3.

RECOMMENDATION TO COUNCIL

Recommend Council approve the plans and specifications for the Four Corners Park (W-50C) Project and authorize staff to call for bids.

BACKGROUND

Four Corners Park is a 1.2-acre park site located at the intersection of Garland Way and Stanwyck Way in the West Roseville Specific Plan. The master plan for this park was approved by the City Council on October 21, 2020. Amenities planned for the park include a children's play area, swings, a basketball half court, bocce ball court area, pedestrian pathways with tricycle track, shade trees, open turf areas, benches, picnic tables, landscape, and irrigation. In order to meet budget constraints, additive alternates have been identified and include a shade structure for the picnic area and sod for the turf areas in lieu of seed. Bids are scheduled to be opened in May 2021. Staff plans to return to Council in July to seek approval to award the project.

FISCAL IMPACT

The architect's estimate for construction for the base bid is $859,000. The estimate including all additive alternatives combined is $919,000. Additive alternates will be included in the construction contract as budget allows. Funding for the park construction is provided through the West Roseville Neighborhood Park Development Fund and was allocated in the FY2020-21 budget. Maintenance of the park will be funded from the Westpark Community Facilities District No. 2 (Public Services).

ENVIRONMENTAL REVIEW

City Council approval of plans and specifications and authorization of bid documents, is an action that is subject to CEQA. Development of Four Corners Park (WRSP Park Site W-50C) is

identified in the approved WRSP and was previously evaluated at “a project level” in the WRSP Final EIR (Certified February 2004 – SCH# 2002082057). The Four Corners Park Project is found to be within the scope of the project covered by the WRSP Final EIR. As discussed in the WRSP Final EIR Introduction Chapter, the EIR provides “project level analysis of the WRSP area.” Because the project is consistent with the WRSP Final EIR and Specific Plan, no new effects would be expected to occur and all applicable mitigation measures from the WRSP Final EIR will be implemented. As such, no additional environmental documentation or Council action is required.

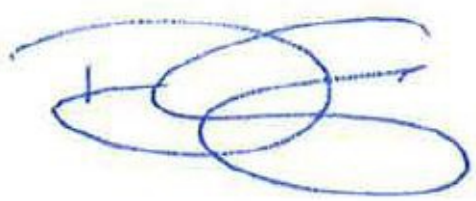
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community
Goal D - Enhance economic vitality
Goal E - Deliver exceptional city services
Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Joel De Jong, Park Development Project Manager

Jill Geller, Director, Parks, Recreation & Libraries



_____
Dominick Casey, City Manager

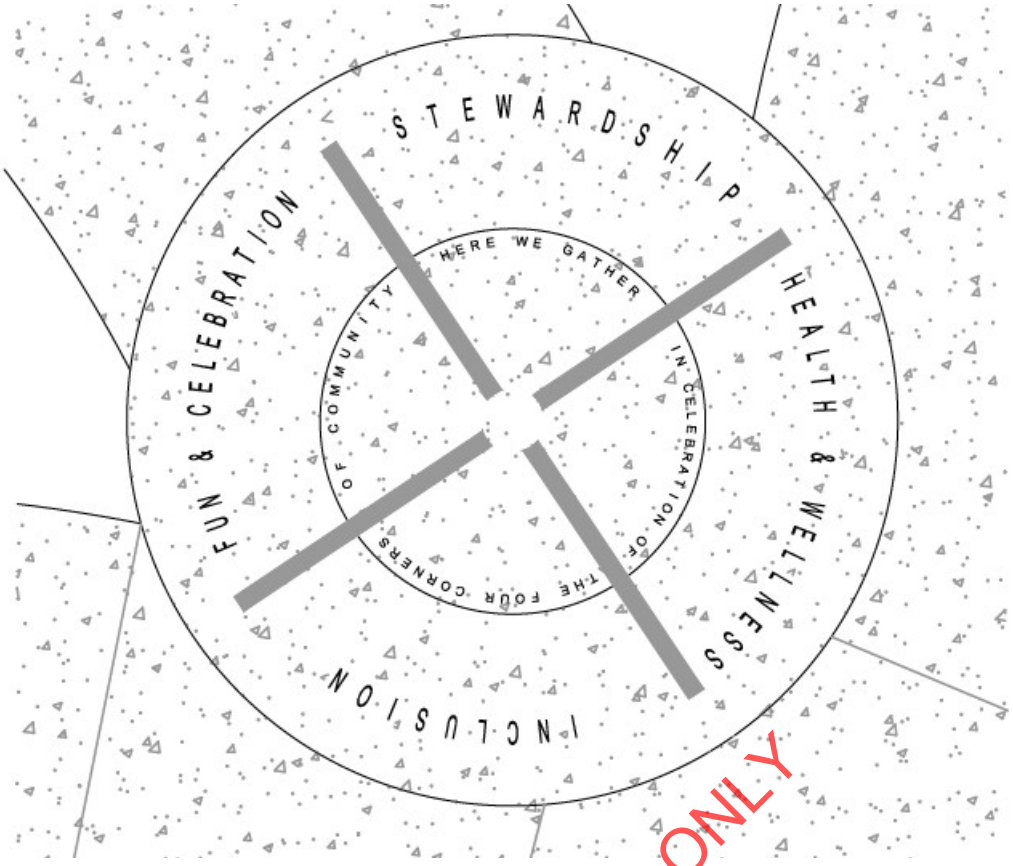
ATTACHMENTS:

Description

Four Corners Project Manual

Four Corners Park Plans

Four Corners Area Map



Project Manual for the

Four Corners Park Project

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

May 2021

The latest edition of the City of Roseville Parks Construction Standards are incorporated by reference as a part of this Project Manual. The Parks Construction Standards can be purchased at the address listed below.

Parks, Recreation & Libraries
316 Vernon Street, Suite 400
Roseville, California 95678
www.roseville.ca.us

CITY OF ROSEVILLE CALIFORNIA

Parks, Recreation & Libraries
Park Development
316 Vernon Street, Suite 400
Roseville, California 95678

Notice to Bidders

DATE: May 6, 2021

TO: Prospective Bidders

FROM: Joel De Jong, Park Development Analyst

RE: Four Corners (W-50C) Park Project

Project Description: The City of Roseville is now accepting bid proposals for the Four Corners (W-50C) Park Project. The scope of this project includes a new 1.2 acre public park with amenities including, but not limited to, a children's play area, basketball court area, bocce ball court area, shade structure, bike rack, drinking fountain, pedestrian pathways, tricycle track, shade trees, open turf areas, benches, picnic tables, landscape, and irrigation.

Subcontractors: This year the City has exercised the right not to pre-qualify subcontractors and has eliminated the requirement to use a pre-qualified subcontractors for this project.

The City reserves the right to conduct a post-bid qualifications review of any subcontractors deemed necessary.

Contract Documents: A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be purchased on-line on the Dynamic Imaging website at http://www.dynamic-imaging.org/plansmart/display.php. The service requires that you establish a username and password in order to purchase plans and specifications.

Engineer's Estimate: The engineer's estimate for construction of the base bid items is $859,000.

Questions: Questions will be accepted until 5:00 p.m. on May 17, 2021 and must be submitted in writing to the Project Manager, Joel De Jong, at jdejong@roseville.ca.us. In order to meet the required timeline to issue addenda, questions will not be accepted after this date.

Pre-Bid Conference: There is NO pre-bid conference for this project. Bidders are expected to be familiar with the existing site conditions however, and may pose questions on any conditions they may discover that are not represented within the bid documents.

Bid Deadline: Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until 3:00 p.m. on May 25th, 2021. The proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville in the City Clerk's Office at 3:05 p.m. on that same day.

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The July 2019 edition of the City of Roseville Parks Construction Standards will be applicable to this project. The successful bidder will be required to use the standards contained in the book for the construction of this project.

Parks, Recreation & Libraries
Park Development
316 Vernon Street, Suite 400
Roseville CA 95678

Notice to the apparent low bidder for the Four Corners (W-50C) Park Project

In order to move forward with the award of this project, the City of Roseville requests that you submit the following documents:

1. Agreement (two sets of originals) with either:
   - wet signatures from two corporate officers, or
   - wet signature from one corporate office plus the corporate seal
2. Public Works Faithful Performance Bond – fully executed and notarized.
3. Public Works Labor and Materials Payment Bond – fully executed and notarized.
4. Insurance - fully executed and notarized.

The Agreement, bond forms and insurance requirements are contained in this Project Manual.

We request that all documents be received by June 7, 2021.

Please contact us if you are unable to meet this deadline.

Send completed forms to:

City of Roseville - Parks, Recreation & Libraries Department
Attn: Joel De Jong
316 Vernon Street, Suite 400
Roseville CA 95678

The Parks, Recreation & Libraries Department requires submittal of all of the above executed documents prior to City Council bid award.

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916.774.5505 phone
916.774.5251 fax
www.roseville.ca.us

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Proposal	PROP
Insurance Broker Information Packet	INS
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Supplemental Conditions	SC
Specifications	SPEC
Drawings	DRAW
Assembly Bill No. 626	AB 626

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CITY OF ROSEVILLE

DEPARTMENT OF Parks, Recreation & Libraries

Name of Project: Four Corners (W-50C) Park Project

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until Tuesday, May 25, 2021 at 3:00 p.m. Late Proposals will be rejected. No exceptions.

The Proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville at 3:05 p.m. on Tuesday, May 25, 20 21 at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project:

Four Corners (W-50C) Park Project.

A pre-bid meeting will be held at N/A - No Pre-bid conference.

A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained on-line from the City of Roseville's website at https://www.roseville.ca.us/business/procurement_services/bids_rfps. All communications relative to this project shall be conducted through Public Purchase.

Bids shall be submitted on the City's Proposal Forms included in the Project Manual, plainly endorsed with the Bidder's name together with signed acknowledgement of any and all addenda. Proposal Forms shall be securely sealed in a suitable envelope marked with the name and address of the Bidder, and marked in capital letters on the front and back of the envelope as

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follows:

[NAME OF PROJECT]

(Name of Bidder)

(Address of Bidder)

Whether mailed or personally delivered, all bids shall be addressed to the City of Roseville, Office of the City Clerk, 311 Vernon Street, Roseville, California, 95678.

Each bid must be accompanied by a Bid Guaranty in the form of a Certificate of Deposit, Certified or Cashier's Check, Bidder's Bond or Irrevocable Standby Letter of Credit in an amount equal to at least ten percent (10%) of the Bidder's Grand Total Price. The Bid Guaranty will be retained by the City and applied to any and all damages sustained by the City in the event that the successful Bidder fails or refuses to enter into the Contract awarded to it and to furnish all required bonds and Certificates of Insurance. The City intends to award the Contract to the lowest responsible Bidder based on the Grand Total Bid Price for all components of the Project. To the extent allowed by law, the City reserves the right to reject any and all bids and/or to waive any irregularities or informalities in any bid or in the bidding procedure. The City specifically reserves the right to not award the Contract after the opening of bids.

Any bid may be withdrawn at any time prior to the time fixed in the public notice for the deadline submission of bids only by written request for the withdrawal of the bid filed with the City Clerk. The request shall be executed by the Bidder or his or her duly authorized representative. The withdrawal of a bid does not prejudice the right of the Bidder to file a new bid by the submission deadline. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after the deadline submission of bids

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nor may any bid be withdrawn after the time fixed in the public notice for deadline for submission of bids. Immediately following the deadline for submission of bids all bids shall become the property of the City of Roseville and the City is under no obligation to return bids.

Bids will be examined and reported to the City Council within sixty (60) business days after the bid opening. Except as permitted by applicable law, no Bidder may withdraw its bid for a period of sixty (60) business days after the date of bid opening. Each Bidder will be notified of any award of the Contract by the City.

The City will affirmatively ensure non-discrimination on the basis of one or more of the following: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, age, sexual orientation, or military and veteran status in the award and administration of contracts that it awards.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit certain securities in lieu of the City withholding retention of payments during the Project.

The City has determined that the Contractor shall possess a valid Class ___, A or C-27, Gen. Engineering or Landscaping _____ Contractor's license at the time that the bid is submitted, as well as any other license classification as may be required by the laws of the California for the performance of the work specified in the Contract Documents. Said license shall be maintained during the Contract period. Failure to possess the specified license shall render the bid nonresponsive and will act as a bar to the award of the Contract to any Bidder not possessing such a license at the time of bid submittal. The Contractor shall provide certification of the license, its number and the expiration date on the proposal form.

The work is to be done in Placer County. Pursuant to California Labor Code Section 1773, the City has ascertained the General Prevailing Rate of Wages in the County in which the

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work is to be done to be as determined by the Director of Industrial Relations of the State of California. The Contractor is hereby made aware that information regarding prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm. The Contractor is required to post a copy of the applicable wage rates at the job site. Attention is directed to Section 5 "Legal Relations and Responsibility" of the General Conditions.

Pursuant to Labor Code Section 1771.1(b), notice is hereby given that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in Labor Code Sections 1720, et seq., unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5 or exempt from registration requirements pursuant to Labor Code Section 1725.5(f). It is not a violation of Labor Code Section 1771.1 for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform work pursuant to Labor Code Section 1725.5 at the time the contract is awarded or is exempt from registration requirements pursuant to Labor Code Section 1725.5(f). The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

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All questions prior to the deadline for bid submissions shall be directed to the attention of Joel De Jong via e-mail at jdejong@roseville.ca.us. The deadline for submissions of questions and clarifications regarding the Contract Documents is 8 calendar days before the deadline for

bid submissions. Only Addenda issued by the City are binding.

_____
City Clerk, City of Roseville

Dated: _____

Published: _____

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INSTRUCTIONS TO BIDDERS

SECTION 1. GENERAL

1-1.01 **GENERAL.** These Instructions to Bidders form a part of the Contract Documents. Capitalized terms are defined in the General Conditions Section 1.

1-1.02 **EXAMINATION OF PLANS, CONTRACT DOCUMENTS AND SITE OF THE WORK.** The Bidder shall examine carefully the site of the Work and all the Contract Documents, including these Instructions to Bidders, and shall inform itself of the conditions relating to the execution of the Work. Failure to do so will not relieve the successful Bidder of its obligation to enter into an Agreement and complete the Work in strict accordance with the Contract Documents. Conditions relating to the execution of the Work include the requirements of federal, state, and local laws, statutes and ordinances relative to the execution of Work, including, but not limited to, applicable regulations concerning prevailing wage rates, non-discrimination in the employment of labor, protection of the public, employee health and safety, and environmental protection.

The submission of a bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work to be performed, the quantities of materials to be furnished, and as to the requirements of all the Contract Documents.

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1-1.03 **EXISTING INFORMATION.** Where the Department has made investigations of site conditions, including subsurface conditions in areas where Work is to be performed under the Contract, such investigations are made only for the purpose of study and design. City does not represent that such conditions as found in these investigations or inferences or conclusions drawn as a result of these investigations will represent actual site

conditions and hereby disclaims any liability as a result of Contractor's or Bidder's reliance on such investigations. City will presume that all Bidders have conducted their own site investigations, including investigations of subsurface conditions. Where such investigations have been made, Bidders or Contractors may, upon written request, inspect the records of the Department as to such investigations subject to the conditions set forth in these Instructions to Bidders. Such inspection of records may be made only at the location noted above. The records of such investigations are not a part of the Contract Documents and are shown solely for the convenience of the Bidder or Contractor. The City assumes no responsibility whatsoever with respect to the sufficiency or accuracy of the investigations made, the records thereof, or of the interpretations set forth therein or made by the City in its use thereof. The City makes no warranty or guarantee, either express or implied, that the conditions indicated by such investigations or records are representative of those existing throughout such areas, or any part thereof, or that unforeseen developments may not occur, or that materials other than, or in proportions different from those indicated, may not be encountered.

No information derived from such inspection of records of investigations or compilation thereof made by the City, the Department or from the Engineer, or his or her assistants, will in any way relieve the Bidder or Contractor from properly examining the site and making such additional investigations as it may elect, or from properly fulfilling the terms of the Contract.

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SECTION 2: BID REQUIREMENTS

2-1.01 **PROPOSAL FORMS.** The Department will furnish to each Bidder standard Proposal Forms, which, when filled out and executed may be submitted as the bid. Proposals shall include all pages in the Project Manual with page numbers marked "PROP" plus the Addendum acknowledgment form (front sheet) from all Addenda received by the Bidder. Proposals shall be removed from the Project Manual. The full Project Manual shall not be submitted with the proposal. Bids not presented on forms so furnished will be disregarded.

The Proposal and one (1) copy thereof shall be submitted as directed in the "Notice to Contractors" under sealed cover plainly marked as a Proposal, and identifying the project to which the Proposal relates and the date of the bid opening therefor. Proposals which are not properly marked may be disregarded.

All blank spaces in the Proposal must be completed, as required, in ink. All price information shall be shown, clearly legible, in figures where required.

The Bidder shall sign the Proposal in the blank space provided therefor. If the Bidder is the sole owner, the Proposal shall be signed by the owner. If the Bidder is a corporation, the legal name of the corporation and its State of incorporation shall be set forth and the Proposal shall be signed by at least two officers authorized to sign contracts on behalf of the corporation. If the Bidder is a partnership, the true name of the firm shall be set forth, the names and addresses of all partners shall be given and the Proposal shall be signed by a partner in the firm authorized to sign contracts on behalf of the partnership. If the Bidder is a joint venture, the Proposal shall be signed on behalf of each participating company by officers or other individuals who have the full and proper authorization to do so. If the Proposal is signed by an agent of the Bidder other than an officer of a corporation or a member of a partnership, a notarized Power of

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Attorney must be on file with the City prior to opening of bids or must be submitted with the Proposal. If requested by the City, the Bidder shall promptly submit evidence satisfactory to the City of the authority of the person signing the Proposal.

2-1.02 **SUBMISSION OF BIDS.** Bids must be submitted at the prescribed time and location specified in the Notice to Contractors. Any submission received after the prescribed time shall be rejected, regardless of whether or not bids are opened exactly at the prescribed time.

Any unauthorized conditions or qualifications entered on, or changes made to, the Proposal may render it invalid and may cause its rejection.

No telegraphic, telephonic, or facsimile or other electronically transmitted bids will be considered.

2-1.03 **REQUIRED LISTING OF PROPOSED SUBCONTRACTORS.** Each Proposal shall list the name, address and Contractor license number of each Subcontractor to whom the Bidder proposes to subcontract portions of the Work in an amount in excess of one-half of one percent (0.5%) of its total bid, in accordance with Section 4100 to 4114, inclusive, of the Public Contract Code for the State of California. The Bidder shall list the Subcontractor's license number and the portion of the Work that will be done by each Subcontractor. If the Bidder fails to specify a Subcontractor for any portion of the Work, the Bidder agrees to perform that portion of the Work itself, and represents that it is qualified to perform that portion of the Work itself. The Bidder's attention is invited to other provisions of the Public Contract Code related to the imposition of penalties for a failure to observe its provisions by using unauthorized Subcontractors or by making unauthorized substitutions.

2-1.04 **CONTRACTOR'S LICENSING LAWS.** Attention is directed to the

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provisions of Business and Professions Code Chapter 9 of Division 3 concerning the licensing of Contractors.

All Bidders at the time of bid submittal shall be licensed as Contractors in accordance with the laws of this State. Any Bidder or Contractor not so licensed is subject to the penalties imposed by such laws. The form of Contractor's license required is stated in the Notice to Contractors, provided that the City makes no representation as to whether the State may require other or additional licenses. It is the Bidder's and Contractor's responsibility to obtain the correct Contractor's licenses. Bidders shall be skilled and regularly engaged in the general class or type of Work called for under this Contract.

All Bidders and Contractors, including Subcontractors, shall have a current City business license before undertaking any Work.

2-1.05 **NONCOLLUSION DECLARATION.** By submitting a bid, the Bidder represents and warrants that such bid is genuine and not a sham or collusive or made in the interest or on the behalf of any person therein named, and that the Bidder has not, directly or indirectly, included or solicited any other Bidder to put in a sham bid, or any other person, firm, or corporation to refrain from bidding, and that the Bidder has not in any manner sought collusion to secure the Bidder an advantage over any other Bidder.

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Bidders shall submit a properly completed and executed "Noncollusion Declaration" in the form required by Public Contract Code Section 7106 and provided with the Proposal (PROP-11).

2-1.06 **DISQUALIFICATION, REMOVAL OR OTHER PREVENTION OF BIDDING.** A bid may be rejected on the basis of a Bidder, any officer of such Bidder, or any employee of such Bidder who has a proprietary interest in such Bidder, having been disqualified,

removed, or otherwise prevented from bidding on, or completing a federal, state, or local project because of a violation of law or a safety regulation.

2-1.07 **PROPOSAL GUARANTY.** All bids shall be accompanied by one of the following forms of Bidder's security: Cash, a cashier's check, a certified check, or a Bidder's bond executed by an admitted California surety insurer, made payable to the City of Roseville, or any other form of security deemed acceptable by the City Attorney. The security shall be in an amount equal to at least ten percent (10%) of the amount bid. A bid will not be considered unless one of the form of Bidder's security is enclosed with it.

A Bidder's bond shall conform to the City's bond form in the Proposal and shall be properly filled out and executed.

2-1.08 **SCHEDULE OF BID PRICES.** Bidders are directed to submit unit and lump sum prices for all Work set forth in the Contract Documents on the Proposal Form entitled "Schedule of Bid Prices."

Unit prices and lump sum prices, as indicated, must be entered in the appropriate spaces provided in the Schedule of Bid Prices. If applicable, unit prices shall be multiplied by the quantities shown, and the total shall be inserted in the Amount column. In the event of any error or discrepancy between the unit price and the calculated amount, the unit prices shall govern. The City may correct any mathematical errors apparent on the face of the bid.

The amounts shown in the Amount column must be added together in arriving at the Grand Total Bid Price.

Amounts for Allowance bid items must be entered in the exact amount in the Amount column.

The prices included within the Schedule of Bid Prices shall include all costs for labor,

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materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment, delivery, overhead, profit, and all other costs necessary to perform the Work in accordance with the Contract Documents.

The Grand Total Bid Price shall be indicated in the Summary table form included with the Schedule of Bid Prices. The Grand Total Bid Price shall be the sum of the amounts bid for each of the designated portions of the Work, as more specifically described on the Schedule of Bid Prices form itself.

Full compensation for complying with the Contract Documents, including requirements of the Standard Specifications, the General Conditions, Supplemental Conditions, and all warranties, shall be considered included in the bid items and no additional compensation shall be allowed therefor.

Full compensation for completion of all work as shown on the plans, as specified in the Specifications, and as directed by the City, shall be considered included in the bid items and no additional compensation shall be allowed.

Bidders are strongly discouraged from submitting unbalanced bids. As used herein, the term "unbalanced bid" is defined as any bid that does not include a reasonable proportionate allocation of indirect costs and profit of each bid item indicated in the Schedule of Bid Prices. The City reserves the right to reject any unbalanced bid if the City determines that there is a reasonable doubt that an acceptance of the bid will not result in the lowest ultimate cost to the City with regard to the work or a disproportionate distribution of contract funds.

The City reserves the right to delete any bid item in its entirety and/or significantly reduce the quantity of Work under a bid item. The City makes no representation that any Work under a bid item will be performed during the course of the Project or that the Work will be

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performed at the quantities included in the Schedule of Bid Prices. As provided in the General Conditions, for any deleted Work, Contractor shall not be entitled to payment of the indirect costs and profit included for said bid item. All bid items shall be considered distinct and severable from the remaining bid items, and each Bidder acts at its peril if its bid is unbalanced.

The City shall compare bids on the basis of the Grand Total Bid Price, which includes the base bid and any alternates designated on the Schedule of Bid Prices. Alternates may or may not be awarded, or may be awarded in any combination, at the City's discretion.

2-1.09 **WITHDRAWAL OF PROPOSALS.** Any bid may be withdrawn at any time prior to the time fixed in the Notice to Contractors for the opening of bids, provided that a request in writing, executed by the Bidder or its duly authorized representative, for the withdrawal of such bid is filed with the City Clerk. Facsimile and electronic mail requests are not acceptable. The withdrawal of a bid shall not prejudice the right of a Bidder to file a new bid. The withdrawal of any bid after the time fixed in the Notice to Contractors for the opening of bids will not be permitted.

2-1.10 **ADDENDUM.** Proposals shall include all costs and account for all Addenda issued prior to opening of bids. The Bidder is responsible for verifying that all issued Addenda have been received. An Addendum acknowledgment form for each Addendum shall be included as part of the Proposal submittal.

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2-1.11 **PUBLIC OPENING OF PROPOSALS.** Proposals will be publicly opened and read at the time and place indicated in the Notice to Contractors. Bidders or their authorized agents are invited to be present.

2-1.12 **TRENCHING AND EXCAVATION WORK.** In accordance with the provisions of California Labor Code Section 6707, if the Work involves construction of a

pipeline, sewer, sewage disposal system, boring or jacking pits, or similar trenches or open excavations, which are five feet (5') or deeper, each bid submitted shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for the protection of life or limb, which shall conform to all applicable safety orders.

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SECTION 3: EVALUATION OF BIDS

3-1.01 **BID EVALUATION PROCESS.** Bids will be evaluated to determine the apparent low Bidder. The apparent low Bidder will be determined on the basis of the Grand Total Bid Price, as shown in the Schedule of Bid Prices. If additive or deductive alternates are used in the Schedule of Bid Prices, the apparent low Bidder will be the Bidder with the lowest total of the bid prices for base contract items plus the alternates designated by the City as those that will be used for determining the lowest bid price. However, the City reserves the right to (1) not award any alternates or (2) award any combination of alternates.

In case of discrepancy between the total of the base contract items and any specified alternates and the stated Grand Total Bid Price, the total of the base contract items plus specified alternates shall prevail. Any mathematical errors that appear on the face of the bid will be corrected by the City and the City will use the mathematically corrected addition. For example, if the mathematical total of Bidder's base contract items plus specified alternates equals $1,000,000, but the Bidder has written $1,250,000 as the Grand Total Bid Price, the City will consider $1,000,000 to be the Bidder's Grand Total Bid Price for purposes of comparison to other Bidders and actual bid award. The City reserves its rights to reject or accept bids based on discrepancies between the stated Grand Total Bid Price and the actual mathematical total of the base contract bid items, plus specified alternates.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

3-1.02 **REJECTION OF IRREGULAR PROPOSALS.** Proposals may be rejected in the City's sole discretion if they show any alterations of form, additions not called for, conditional bids, incomplete bids, erasures, or irregularities of any kind. However, the City reserves the right to waive any minor irregularities and informalities in any bid or in the bid procedure for any reason.

3-1.03 **COMPETITIVE BIDDING.** If more than one proposal is offered by any individual, firm, partnership, corporation, association, or any combination thereof, under the same or different names, all such proposals may be rejected. A party who has quoted prices on materials or Work to a Bidder is not thereby disqualified from quoting prices to other Bidders, or from submitting a bid directly for the materials or Work.

All Bidders are put on notice that any collusive agreement to control or affect the awarding of this Contract is in violation of the competitive bidding requirements of the City Charter, State Contract Act and the Business and Professions Code and may render void any Contract let under such circumstances.

3-1.04 **RELIEF OF BIDDERS.** If the Bidder claims a mistake was made in its bid, the Bidder shall give the Department written notice within five (5) Days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred. No relief from a claimed mistaken bid shall be granted unless such mistake clearly appears on the face of the bid submitted to the City. Claimed mistakes on backup worksheets, spreadsheets, computerized bidding programs, or any other similar calculative bidding mistake which is not apparent on the face of the bid shall not under any circumstance be considered as a basis for relief. The burden of proving the occurrence of a mistake entitling a Bidder to relief from its bid rests entirely on the Bidder. Relief from bids shall be in the City's sole discretion.

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NOT FOR BID PURPOSES

SECTION 4: AWARD AND EXECUTION OF CONTRACT

4-1.01 **AWARD OF CONTRACT.** The City reserves the right to reject any and all proposals and to award (or not award) any combination of bid items at its option. Any such award will be to the lowest responsible Bidder whose proposal complies with the requirements prescribed for the bid items awarded. Such award, if made, will be made within sixty (60) business days after the opening of the proposals. If the lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the second lowest responsible Bidder. Such award, if made, will be made within eighty-two (82) business days after the opening of proposals. If the second lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the third lowest responsible Bidder. Such award, if made, will be made within one hundred four (104) business days after the opening of the proposals. The above time periods within which the award of Contract may be made are subject to extension for such further period as may be agreed upon in writing between the City and the Bidder concerned.

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4-1.02 **RETURN OF BIDDER'S SECURITIES.** Within ten (10) Days after the award of the Contract, the City Clerk will return all Bidders' securities, other than Bidders' bonds, accompanying the proposals that are not to be further considered in making the award. Retained Bidders' securities will be held until the Contract has been fully executed, after which all Bidders' securities, except Bidders' bonds and any Bidders' securities that have been forfeited, will be returned.

4-1.03 **CONTRACT BONDS.** The successful Bidder shall furnish two (2)

bonds in the form contained in the section entitled Insurance Broker Information Packet and Bonds. One (1) bond shall secure the payment of the claims of laborers, mechanics or materialmen employed on the Work under the Contract, and the other bond shall guarantee the faithful performance of the Contract.

Each of the two (2) bonds shall be in a sum equal to one hundred percent (100%) of the Contract Price. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly. Sureties on each of said bonds shall be satisfactory to the City.

All alterations, extensions of time, extra and additional Work, and other changes authorized by the Standard Specifications, the General Conditions, the Supplemental Conditions or any part of the Contract may be made without securing the consent of the surety or sureties on the Contract bonds.

Furthermore, the successful Bidder shall furnish a certificate from the County Clerk as required by California Civil Code of Procedure Section 995.660(a)(3).

4-1.04 **INSURANCE.** At the time of the execution of the Contract, the Contractor shall, at its own expense, procure, and at all times during the prosecution of the Work maintain in full force and effect Worker's Compensation Insurance, and Liability Insurance as specified in the General Conditions. The Contractor shall provide a Certificate of Insurance in the form contained in the section entitled Insurance Broker Information Packet.

4-1.05 **EXECUTION OF CONTRACT.** The Contract shall be signed by the successful Bidder and returned, together with all the required Contract bonds and insurance certificates, within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City.

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NOT FOR BID PURPOSES

If the Bidder is an individual, the Contract shall be executed personally by the Bidder. If the Bidder is a partnership, it is desirable that the Contract be executed by all of the partners, but it may be executed by one of them. If the Bidder is a corporation, it must be executed by two officers of the corporation consisting of (1) the chairman of the board, president or vice president; and (2) the secretary, assistant secretary, chief financial officer, treasurer or assistant treasurer, or by a person authorized by the corporation to execute written contracts on its behalf, and the corporate seal affixed thereto. In the alternative, a person other than an officer may sign the Contract, provided evidence satisfactory to the City is provided indicating the individual's authority to bind the corporation. If the corporate seal is not affixed to the Contract, or if it is executed by a person other than officers, or only by one officer, there must be attached to the Contract a certified copy of a resolution of the corporation authorizing such officer or person to execute written contracts for and on behalf of the corporation. If the Bidder is a joint venture, the Contract must be executed on behalf of each participating firm by officers or other individuals who have the full and proper authorization to do so.

4-1.06 **FAILURE TO EXECUTE CONTRACT.** Failure of the lowest responsible Bidder, the second lowest responsible Bidder, or the third lowest responsible Bidder to execute the Contract and file acceptable bonds and insurance as provided within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City, shall be just cause for annulment of the award and forfeiture of the Bidder's security. The successful Bidder may file with the City Clerk a written notice, signed by the Bidder or Bidder's authorized representative, specifying that the Bidder will refuse to execute the Contract if presented to Bidder. The filing of such notice shall have the same force and effect as the failure of the Bidder to execute the Contract and furnish acceptable bonds within the time prescribed.

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NOT FOR BID PURPOSES

SECTION 5: BID PROTEST PROCEDURES

5-1.01 **POLICY/PROCEDURES.** It is the policy of the City to consider fully and adjudicate promptly protests filed by prospective Bidders relating to the City's bidding procedure or award of the Contract. Protests shall be filed and processed in accordance with Section 4.12.150 of the Roseville Municipal Code. A Bidder's failure to follow the bid protest procedures may result in rejection of the protest by the City.

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PROPOSAL TO THE DEPARTMENT OF Parks, Recreation & Libraries

Project: Four Corners (W-50C) Park Project

Name of Bidder _____ Business Phone _____

Business Address _____

Place of Business _____

Contractor's License No. _____

License Expiration Date_____

License Classification Type _____

DIR Registration No. _____

Type of business organization: _____

*If a Corporation, incorporated under the laws of the State of: _____

City of Roseville Business License No._____

The undersigned Bidder herewith submits this Proposal and binds itself on award by the City of Roseville under this bid to execute a Contract in accordance with its bid and the Contract Documents.

The Notice to Contractors, Instructions to Bidders, Form of Agreement, Specifications, General Conditions, Supplemental Conditions, Contract Drawings, and Addenda, if any, are made part of this bid and all provisions thereof are hereby accepted, and all representations and warranties are required thereby are hereby affirmed.

The work to be done is described in the Bidding Documents entitled _____ Four Corners (W-50C) Park Project _____, City of Roseville, California. This offer shall be irrevocable for a period of sixty (60) Days after the date on which bids are opened.

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The undersigned Bidder understands that any clarification made to the above or any new and different conditions or information submitted on or with its Proposal, other than that requested, may render the bid non-responsive.

The undersigned, as Bidder, declares that the only persons or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other person, firm, or corporation; that the Bidder has carefully examined the location of the proposed Work, the attached Form of Agreement, and the plans, Specifications, and other Contract Documents; and agrees if this Proposal is accepted, that it will contract with the City of Roseville, in the form of a copy of the Agreement contained in the Project Manual, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the Contract Documents, in the manner and time therein prescribed, and according to the requirements of the Director, as therein set forth, and that the Bidder will take in full payment therefore prices indicated in the Schedule of Bid Items, including all work modified by addendum numbers _____. (IF NONE, STATE NONE).

Bids are required for all Bid Items. The amount of the Bid for comparison purposes will be the total of all items awarded.

The Bidder shall set forth for each item of work, in clearly legible figures, an item ("unit") price and a total for the item in the respective spaces provided for this purpose in the Schedule of Bid Items.

The prices included within the Schedule of Bid Items include all costs for labor, materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment, delivery, overhead, profit, and for all other costs necessary to perform the Work in accordance

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with the Contract Documents.

Accompanying this Proposal is _____.

(Notice: Insert the words "Cash $_____," "Cashier's Check," "Certified Check," or "Bidder's Bond," as the case may be, in an amount equal to at least ten percent (10%) of the total of the Bid.)

The names of all persons interested in the foregoing Proposal as Principals, are as follows: _____

_____

_____

_____

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If SOLE OWNER, execute here:

I sign as sole owner of the business named above:

_____

If PARTNERSHIP, one or more partners sign here:

The undersigned certify that we are partners in the business named above and that we sign this bid with the full authority to do so:

_____

_____

If CORPORATION, execute here:

Corporate Name: _____

Incorporated under the laws of the State of _____

The undersigned certify that they sign this bid with the full and proper authorization so to do:

By_____	By_____
*Signature of Authorized Official**	*Signature of Authorized Official**
_____	_____
Title	*Title*
_____	_____
Typewritten or Printed Name	*Typewritten or Printed Name*

If JOINT VENTURE, execute here:

Joint Venture name composed of: _____

The undersigned certify that they sign this bid with the full and proper authorization so to do:

_____	_____
*Signature of Authorized Official**	*Signature of Authorized Official**
_____	_____
Title	*Title*
_____	_____
Typewritten or Printed Name	*Typewritten or Printed Name*

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*If Bidder is a partnership or Joint Venture, give the full names of all partners and/or Joint Ventures in the space provided (use additional sheet if required). If Bidder is a corporation, two signatures are required as follows: (1) the Chairman, President, or Vice-President and (2) the Secretary, Assistant Secretary, Chief Financial Officer, Treasurer, or Assistant Treasurer. In the alternative, this Agreement may be executed by a single officer or a person other than an officer provided that evidence satisfactory to City is provided demonstrating that such individual is authorized to bind the corporation (example, a copy of a certified resolution from the corporation's board or a copy of the corporation's bylaws).

[LIST OF SUBCONTRACTORS FOLLOWS ON NEXT PAGE.]

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LIST OF SUBCONTRACTORS

Contractor's Name: _____

The Bidder is required to furnish the following information in accordance with the provisions of Section 4100 and 4114, inclusive, of the Public Contract Code of the State of California. This list and information shall include all Subcontractors that perform work, provide labor or render services to the Bidder in connection with the Project in an amount in excess of one-half of one percent (0.5%) of the total amount of the Bidder Grand Total Price.

PORTION/ TYPE OF WORK	% OF CONTRACT	SUB-CONTRACTOR'S NAME	CONTRACTOR LICENSE NO.	DIR REG NO.	BUSINESS ADDRESS (CITY, STATE)

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SECURITY FOR COMPENSATION CERTIFICATE

(Required by California Labor Code Section 1861)

TO: City Council
City of Roseville

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

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_____

_____
(Signature of Bidder)

_____

_____
Business Address

_____
Telephone

BIDDER'S BOND

City Council of the City of Roseville

KNOW ALL MEN BY THESE PRESENTS:

That we _____

_____, as PRINCIPAL, and

_____

a, _____ and duly authorized to transact business under the laws of the State of California, as SURETY, are held and firmly bound unto the City of Roseville in the penal sum of _____ dollars ($_____), being at least TEN PERCENT (10%) OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by said Principal to the City of Roseville, acting by and through the Public Works Director, for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the Director of the Department to which said Bid was submitted, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above-mentioned Bid to the City Council of the City of Roseville, as aforesaid, for certain construction specifically described as follows, for which Bids are to be opened at the Office of the City Clerk located at 311 Vernon Street, Roseville, California, on _____, 20__ FOR

Four Corners (W-50C) Park Project

(Copy here the exact title of work as it appears on the Proposal.)

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NOW, THEREFORE, IF THE AFORESAID PRINCIPAL is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented for signature, enters into a written Contract, in the prescribed form, in accordance with the Bid, and files all insurance and two (2) Bonds with the Department, one (1) to guarantee Faithful Performance and the other to guarantee Payment for Labor and Materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, 20___.

_____(Seal)

_____(Seal)

_____(Seal)

Principal

_____(Seal)

_____(Seal)

_____(Seal)

Surety

_____

_____

Business Address

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NOTE: To be considered complete, both the Principal and the Surety must sign this Bidder's Bond. In addition, signatures of those executing for the Surety must be properly acknowledged.

Project Four Corners (W-50C) Park Proje

Contractor _____

SCHEDULE OF BID ITEMS

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SCHEDULE OF BID ITEMS

FOUR CORNERS (W-50C) PARK PROJECT

The bidder, in compliance with the published Notice to Contractors, having examined the Plans and Specifications, any and all addenda, any related documents, and all of the sites of the proposed work, and being familiar with all the conditions surrounding the construction of the proposed project, including the availability of material, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time period set forth therein, and at the prices stated. This is a lump sum bid project. These prices are to include all labor, materials, supplies, and all other expenditures incidental to complete compliance to the Contract Documents.

The work to be included in the Contract shall be determined by the City prior to award of Contract. **The amount of the bid for comparison and award purposes shall be the total amount set forth in the "Total Lump Sum Bid".** The City reserves the right to award none, all or selected add alternates as the budget permits.

BASE BID:

Base bid includes all work as shown on the plans, project manual, and addenda to **construct the Four Corners (W-50C) Park Project**.

Numerical **Base** Bid: $_____

Written **Base** Bid: _____ dollars and _____

ADD ALTERNATES:

Add Alternate #1 – Sod Turf in lieu of Seed

Numerical **Additive Alternative #1** Bid: $_____

Written **Additive Alternative #1** Bid: _____ dollars and _____

Add Alternate #2 – Shade Shelter at Picnic Area

Numerical **Additive Alternative #2** Bid: $_____

Written **Additive Alternative #2** Bid: _____ dollars and _____

Winter Construction Suspension Allowance: $15,000

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TOTAL LUMP SUM BID:

Lump Sum Base Bid plus Add Alternate #1, Add Alternate #2, and Winter Construction Suspension Allowance

Numerical **Total Lump Sum** Bid: $_____

Written **Total Lump Sum** Bid: _____ dollars and _____

The additions/deletions sheets (PROP – 13C through PROP – 13F) are required to be completed in their entirety.

The additions/deletions sheets will not be considered for bid award but will be used for contract change orders.

Contractor Name (print or type): _____

Signature (by authorized representative): _____

Date: _____ License No.: _____ Class: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

FOUR CORNERS (W-50C) PARK PROJECT

For Additions and Deletions Only

Contractor shall provide itemized costs as shown below for use during construction for additions or deletions only. Unit costs to be listed are based on the project plans, specifications, Parks Construction Standards and the Design & Construction Standards, unless otherwise noted. Items listed are not necessarily shown on the plans or identified in the Technical Specifications.

Item	Description	Unit	Unit Cost
1	EC-2 Preservation of Existing Vegetation	sf	
2	EC-3 Hydraulic Mulch	sf	
3	EC-4 Hydroseeding	sf	
4	EC-6 Straw Mulch	sf	
5	EC-7 Geotextiles and Mats	sf	
6	EC-8 Wood Mulching	sf	
7	EC-10 Velocity dissipation device	ea	
8	EC-11 Slope Drains	ea	
9	EC-14 Compost Blanket	sf	
10	EC-16 Non-Vegetative Stabilization	sf	
11	SE-1 Silt Fence	lf	
12	SE-5 Fiber Rolls	lf	
13	SE-6 Gravel Bag Berm	ea	
14	SE-7 Street Sweeping and Vacuuming	ea	
15	SE-8 Sandbag Barrier	lf	
16	SE-9 Straw Bale Barrier	lf	
17	SE-10 Storm Drain Inlet Protection	ea	
18	TC-1 Stabilized construction entrance/exit	ea	
19	TC-3 Entrance/outlet tire wash	ea	
20	Clearing and Grubbing	sf	
21	Site Security Fencing	lf	
22	Rough Grading (Earthwork)	cy	
23	Finish grading (earthwork)	sf	

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Items 1 through 19 are to be consistent with requirements detailed in California Stormwater Quality Association Stormwater Best Management Practice Handbook, latest edition.

FOUR CORNERS (W-50C) PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
24	3/4" Schedule 80 PVC Pipe	lf	
25	12" Storm drain, PVC, SDR-35	lf	
26	10" Storm drain, PVC, SDR-35	lf	
27	8" Storm drain, PVC, SDR-35	lf	
28	6" Storm drain, PVC, SDR-35	lf	
29	4" Storm drain, PVC, SDR-35	lf	
30	4" Sanitary Sewer, VCP	lf	
31	4" Sanitary Sewer, PVC, SDR-35	lf	
32	3/4" Domestic Water Service, meter, backflow	ls	
33	1 1/2" Recycled Water Service, Meter	ea	
34	2" Recycled Water Filter (Amiad)	ls	
35	Sanitary Sewer Cleanout	ea	
36	Storm Drain Area Drain	ea	
37	24"x24" Play Area Storm Drain	ea	
38	24"x24" Storm Drain Drop Inlet	ea	
39	Storm Drain Connection to Existing SD Stub	ea	
40	Electrical POC	ls	
41	Concrete Paving - ROW (per DS Standard)	sf	
42	Concrete Paving (per Parks detail PK-31)	sf	
43	Concrete Mow Curb (12")	lf	
44	Stabilized Decomposed Granite Paving	sf	
45	Drinking Fountain with Bottle Filler	ea	
46	Picnic Table	ea	
47	Picnic Table, Accessible	ea	
48	Park Bench with Back	ea	
49	Park Identification Sign	ea	
50	Custom Sandblasted Text in Concrete	ls	
51	16' Pole Light LED	ea	

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

FOUR CORNERS (W-50C) PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
52	Trash Receptacle	ea	
53	Play Area Curb (PK-36)	lf	
54	Play Equipment incl. Swings	ls	
55	Engineered Wood Fiber (12" depth)	cy	
56	Drain rock (3" depth)	cy	
57	Play Area Access Ramp	ea	
58	Playground Rules Sign	ea	
59	Sport Striping (Basketball, Half Court)	ea	
60	Basketball Post, Backstop, Hoop and Net	ea	
61	Irrigation Controller with Enclosure	ea	
62	Irrigation Mainline 4"	lf	
63	Irrigation Mainline 3"	lf	
64	Irrigation Control Wire (#12,#14 AWG-UF)	lf	
65	Irrigation Mainline Fittings	ea	
66	Irrigation Mainline Restraints	ea	
67	6" Sleeve (Sch 40)	lf	
68	Irrigation Lateral Lines PVC	lf	
69	Irrigation Remote Control Valve 2"	ea	
70	Irrigation Remote Control Valve 1.5"	ea	
71	Irrigation Remote Control Valve 1"	ea	
72	Irrigation Remote Control Valve 1"	ea	
73	Quick Coupling Valve 1"	ea	
74	R-VAN Rotary Assembly incl. Swing Joint	ea	
75	Tree Bubbler	ea	
76	Soil Amendments	sf	
77	Hydroseeded Turf	sf	
78	Sodded Turf	sf	
79	Install Trees (15 Gal.)	ea	
80	Install Trees (24" Box)	ea	

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

FOUR CORNERS (W-50C) PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
81	Install Shrubs (5 Gallon)	ea	
82	Install Shrubs/Grasses (1 Gallon)	ea	
83	Install Groundcover Roses (2 Gallon)	ea	
84	Bark Mulch (3")	cy	
85	Landscape Maintenance (per 30 Day)	ea	
86	Redwood Header Board	lf	

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

NONCOLLUSION DECLARATION TO BE EXECUTED BY
BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid. The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Bidder. All statements contained in the bid are true. The Bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a Bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the Bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on _____ [date], at _____ [city], _____ [state].

_____
(Signature of Declarant)

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

DISQUALIFICATION QUESTIONNAIRE

The Bidder shall complete, under the penalty of perjury, the following questionnaire:

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes_____ No_____

If the answer is yes, explain the circumstances in the following space.

_____

_____

_____

_____

_____

_____

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

TITLE OF BIDDER: _____

DATE: _____

ACKNOWLEDGEMENT OF INSURANCE AND BOND REQUIREMENTS

Included in the Bid Price is full compensation for the requirements set forth in the INSURANCE BROKER INFORMATION PACKET of the Project Manual.

NAME OF BIDDER: _____

SIGNATURE OF BIDDER: _____

TITLE OF BIDDER: _____

DATE: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

DISCLAIMER OF WARRANTIES AND ACCURACY OF DATA

Although soil and site investigation reports have been obtained from sources believed to be reliable, no warranty expressed or implied is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information contained therein. These reports are subject to change at any time, may be incomplete, and/or may contain errors. This information is provided for informational purposes only. The City of Roseville provides this information on an "as is" basis. Warranties of any kind, express or implied, or statutory, including but not limited to the implied warranties of merchantability, and fitness for a particular purpose ARE DISCLAIMED to any party viewing these documents or to any third party.

The City of Roseville does not accept and expressly disclaims liability to any party viewing such information, or to any third party whatsoever, for any loss, damage, or injury (including incidental or consequential damages) whether such loss, damage, or injury is the result of negligence, willful or intentional misconduct, or any other cause.

I have read and acknowledged the above disclaimer and agree to hold harmless the City of Roseville on any theory of liability for any loss, damage or injury whether in contract, strict liability or tort arising in any way out of the use or contents of the released information or documents described above or the performance of the work called for herein.

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NOT FOR BID PURPOSES

Print Name	Signature
Name of Business/Company/Corporation	Date
Address	Phone

END OF PROPOSAL

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

A G R E E M E N T

THIS AGREEMENT, is made and entered into this _____ day of _____, 20_____, by and between the City of Roseville, a municipal corporation, ("CITY"), and _____, a _____, ("CONTRACTOR"); and

W I T N E S E T H:

WHEREAS, the City Council of the CITY, at a meeting held on the ____day of _____, 20_____, approved plans and specifications for the Four Corners (W-50C) Park Project and directed the City Clerk to advertise for sealed proposals for doing said work and providing that bids be submitted on the _____ day of _____, 20____; and

WHEREAS, the City Clerk, thereafter duly and regularly caused a notice to be published in the manner and for the time prescribed by law; and

WHEREAS, CONTRACTOR, pursuant to the provisions of said notice duly filed a bid with the City Clerk, a true copy of which bid is now on file in the office of the City Clerk, and is hereby referred to and by this reference made a part hereof as fully as if set forth at length herein; and

WHEREAS, all bids received pursuant to said notice were opened and examined and publicly declared at the time specified in said advertisement for bids and at a meeting of the City Council held on the _____ day of _____, 20_____, the Council found and

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declared the bid of CONTRACTOR to be the lowest responsible bid and thereupon awarded a contract to CONTRACTOR to do the work referred to in the aforementioned specifications.

NOW, THEREFORE, the parties agree as follows:

1. THE WORK. CONTRACTOR agrees:

a. To do the work and furnish all the labor, materials, tools, supplies, equipment, superintendence, insurance, and bonds required for the Four Corners (W-50C) Park Project in accordance with the Contract Documents (the Work).

b. To do and perform the Work contemplated hereby in a good and workmanlike manner under the direction of and to the satisfaction of the Director of Public Works of the City of Roseville.

2. PAYMENT. CITY shall pay CONTRACTOR _____ dollars ($_____) for the Work to be done under this Agreement in accordance with the Contract Documents.

3. CONTRACT DOCUMENTS. The complete Agreement between the parties hereto consists of the following documents:

a. The advertisement for bids (including the notice to bidders, instructions to bidders and proposals);

b. The accepted bid;

c. Plans and specifications (including general conditions, supplemental conditions, special provisions and construction details);

d. Bonds and insurance required by the specifications; and

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e. This contract.

All documents specified above are intended to operate so that any work called for in any one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

4. LIQUIDATED DAMAGES. In the event CONTRACTOR does not complete the Work within the time specified, CONTRACTOR agrees that CITY will suffer damages. Inasmuch as the actual damages which would result from such breach by CONTRACTOR under this Agreement are uncertain, and would be impractical or extremely difficult to fix, CONTRACTOR agrees that it shall pay, or CITY shall deduct from CONTRACTOR's fee, the amount of $ 800.00 per day as liquidated damages, in the event of such delay.

5. TIME OF COMPLETION. Time is of the essence of this Agreement. CONTRACTOR shall complete all Work under the Contract Documents within 90 Days of the date of this Contract. CONTRACTOR shall begin work by the date specified in the "Notice to Proceed" letter and shall diligently prosecute all of the Work under this Contract in all parts and requirements as defined in the Contract Documents.

6. SERVICE OF NOTICE. Any notice required or permitted to be given under this Agreement shall be deemed given when (a) personally delivered to the recipient identified below; (b) mailed by registered or certified mail, return receipt requested, postage pre-paid, to the address specified below; or (c) sent by facsimile, with confirmation of receipt, to the facsimile number identified below.

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CITY OF ROSEVILLE	CONTRACTOR
Joel De Jong, Park Development Analyst	
316 Vernon Street, Suite 400	
Roseville, CA 95678	
Fax: 916.774.5251	

CITY may also act through either its architect or construction manager if CITY expressly gives notice to CONTRACTOR, in writing, that CITY's designee has authority to act for CITY in a specific capacity.

7. DISPUTES. Disputes arising from this Agreement will be determined in accordance with the Contract Documents and Public Contract Code Sections 10240-10240.13.

8. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

9. INDEPENDENT CONTRACTOR. CONTRACTOR shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

10. SUCCESSORS IN INTEREST. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

11. MODIFICATION. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

12. SEVERABILITY. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

13. INTEGRATED AGREEMENT. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

14. CONTRACTORS LICENSE LAW. CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE

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BOARD WHICH HAS JURISDICTION TO INVESTIGATE COMPLAINTS AGAINST CONTRACTORS IF A COMPLAINT REGARDING A PATENT ACT OR OMISSION IS FILED WITHIN FOUR (4) YEARS OF THE DATE OF THE ALLEGED VIOLATION. A COMPLAINT REGARDING A LATENT ACT OR OMISISON PERTAINING TO STRUCUTRAL DEFECTS MUST BE FILED WITHIN TEN (10) YEARS OF THE DATE OF THE ALLEGED VIOLATION. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____day of _____, 20_____, and CONTRACTOR has caused this Agreement to be duly executed.

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CITY OF ROSEVILLE, a municipal corporation

BY:_____
DOMINICK CASEY
City Manager

ATTEST:

BY:_____
SONIA OROZCO
City Clerk

_____, a _____

BY: _____
its: _____

and

BY: _____
its: _____

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____

Print Name:_____

Title:_____

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INSURANCE BROKER INFORMATION PACKET

Project: Four Corners (W-50C) Park Project

NOTICE TO CONTRACTOR:

For your convenience, this package contains the Requirements for Insurance and Bonds for this project, including the necessary City forms. You are required to return these forms in addition to the executed Contract within fifteen (15) calendar days after the award of the Bid, unless otherwise directed by City in writing. (See the Instructions to Bidders.)

Please insert the dollar amount of your accepted Bid into the blank on page INS-1 and present this entire package to your insurance broker if you are awarded the Bid.

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NOTICE TO INSURANCE BROKER

Your client has been awarded a bid by the City Council of the City of Roseville to perform a public works project known as Four Corners (W-50C) Park Project. The Contract Conditions for that project require your client ("the Contractor") to return certain evidence of insurance and bonds to the City Attorney of the City within fifteen (15) days after the Bid award, unless otherwise directed by the City in writing, or else the Bid award may be terminated and awarded to another company.

This package contains the information you will need as an insurance broker to provide the appropriate insurance and bonds to the City. The insurance coverages the Contractor needs are specified in the section entitled "Insurance Requirements." Please note that, in addition to the insurance certificate itself, copies of several endorsements must be actually furnished.

Please refer to the Supplemental Conditions for modifications of the General Conditions, if any, and the requirements of this insurance packet.

Please use the standard City of Roseville Bond Forms provided in this package.

The Bonds required must each be in the penal amount of: $_____.

Bonds must be sent to the following staff person:

City of Roseville, Parks, Recreation & Libraries
Attn: Joel De Jong
316 Vernon Street, Suite 400
Roseville, CA 95678

Insurance documents must be provided using one of the following methods:

a. By email to roseville@ebix.com and riskmanagement@roseville.ca.us
b. By fax to (770) 335-5727 and (916) 774-5461

After using one of these methods, please **DO NOT** send the insurance certificate(s) by mail.

When forwarding the documents, please refer to the project name so that the documents can be matched with the Contract for which they are submitted.

Thank you.

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INSURANCE REQUIREMENTS

The following sections are quoted from the General Conditions:

5-1.23 **INSURANCE COVERAGE.**

A. Evidence of Maintenance Required. The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B. Qualifying Insurers. With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

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C. Insurance Required.

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations with limits of no less than Two Million Dollars ($2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars ($1,000,000) and

limits of no less than Five Million Dollars ($5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars ($1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of

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the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars ($1,000,000) shall cover all Contractors staff while performing any work incidental to the performance of this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars ($1,000,000) per occurrence or claim and Two Million Dollars ($2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

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5. **Builder's Risk/Course of Construction Insurance Is ____ OR Is Not X Required by Risk Management:** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or

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pollutants, in limits not less than Two Million Dollars ($2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies. X POLLUTION COVERAGE IS NOT REQUIRED ON THIS PROJECT

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a "claims made" or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.

5-1.24 **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract. Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by City in writing. Policies containing any

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SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be

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endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars ($500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.

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Bond No. _____
Premium $_____

PUBLIC WORKS
FAITHFUL PERFORMANCE BOND
(Project: Four Corners (W-50C) Park Project)

WHEREAS, the City of Roseville ("CITY") has awarded a bid and contract to _____ as contractor ("PRINCIPAL") for the public work described as _____ Four Corners (W-50C) Park Project (the "WORK"). The contract ("AGREEMENT"), for the public work described above, and all of its terms and conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the AGREEMENT guaranteeing its faithful performance; and

NOW, THEREFORE, we the undersigned PRINCIPAL and _____ _____, a _____ admitted and duly authorized to transact business under the laws of the State of California, as SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and assigns in the sum of _____ dollars ($_____) (which amount is not less than 100% of the AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns jointly and severally, firmly by these presents.

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The condition of this obligation is such that if the PRINCIPAL, or its heirs, executors, administrators, successors or assigns, shall abide by, and in all respects promptly and faithfully perform the covenants, conditions and provisions in said AGREEMENT and any alteration thereof made as therein provided, notice of which alterations to Surety being hereby waived, on its part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless CITY, its officers, agents, employees, volunteers as therein stipulated, then this obligation shall be null and void; otherwise, this obligation shall be and remain in full force and effect.

As condition precedent to the satisfactory completion of the contract, the obligation of the PRINCIPAL and SURETY under this Bond shall remain in effect for a period of one (1) year after the completion and acceptance of the WORK. During that time, if the PRINCIPAL, its heirs, executors, administrators, successors or assigns fails to make full, complete and satisfactory repair and replacement or totally protect the CITY from any loss or damage made evident during that year which results from or is caused by either defective materials or faulty workmanship in the prosecution of the WORK, then the obligation shall remain in full force and effect. However, anything in

this paragraph to the contrary notwithstanding, the obligation of the SURETY shall continue so long as any obligation of the PRINCIPAL remains.

No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

Whenever PRINCIPAL shall be and declared by CITY to be in default under the AGREEMENT, SURETY shall promptly remedy the default, or shall promptly do one of the follow at CITY's election:

1. Undertake through its agents or independent contractors, reasonably acceptable to CITY, to complete the AGREEMENT in accordance with its terms and conditions and to pay and perform all obligations of PRINCIPAL under the AGREEMENT, including without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages.

2. Reimburse CITY for all costs CITY incurs in completing the AGREEMENT, and in correcting, repairing or replacing defects in materials or workmanship and/or materials and workmanship which do not conform to the specifications in the AGREEMENT.

SURETY's obligations hereunder are independent of the obligations of any other surety for the performance of the AGREEMENT, and suit may be brought against SURETY and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing CITY's rights against the others.

No right of action shall accrue on this bond to or for the use of any person or corporation other than CITY or its successors or assigns.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

[SIGNATURES NEXT PAGE]

FOR COUNCIL APPROVAL ONLY
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IN WITNESS WHEREOF, this instrument has been duly executed by the PRINCIPAL and SURETY above-named, on the ____ day of _____, 20___.

PRINCIPAL:

BY:_____

PRINT NAME: _____

PRINT TITLE: _____

AND

BY: _____

PRINT NAME: _____

PRINT TITLE:_____

SURETY:

BY:_____

PRINT NAME: _____

PRINT TITLE:_____

MAILING ADDRESS:

_____

_____

_____

(Notarization by Surety and copy of Power of Attorney required.)

APPROVED AS TO FORM:

BY: _____
City Attorney

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

Bond No. _____
Premium $_____

PUBLIC WORKS
LABOR AND MATERIALS PAYMENT BOND
(Project: Four Corners (W-50C) Park Project)

WHEREAS, the City of Roseville ("CITY"), has awarded a bid and contract to _____ as contractor ("PRINCIPAL"), for the public work described as Four Corners (W-50C) Park Project (the "WORK"). The contract ("AGREEMENT"), for the public work described above, and all of its terms and conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the AGREEMENT guaranteeing payment of persons who provide labor and material; and

NOW, THEREFORE, we the undersigned PRINCIPAL and _____, a _____, admitted and duly authorized to transact business under the laws of the State of California, as SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and assigns in the sum of _____ dollars ($_____) (which amount is not less than 100% of the AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns jointly and severally, firmly by these presents.

The condition of the obligation is such that if the PRINCIPAL, its subcontractors, heirs, executors, administrators, successors or assigns fails to pay any of the persons named in Section 8004 or 9100 of the Civil Code of the State of California, or the amounts due under the Unemployment Insurance Code of the State of California, or any amounts required to be deducted, withheld and paid over to the Employment Development Department from the wages of employees of the PRINCIPAL and its subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to work or labor performed by any such claimant, that the SURETY will pay for the same, in an amount not exceeding the sum specified in this bond, and also, in case suit is brought upon the bond, shall pay reasonable attorneys' fees, to be fixed by the Court.

This bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file a Stop Payment Notice pursuant to the provisions of Section 9350 et seq. of the Civil Code of the State of California, so as to give a right of action to them or their assigns in any suit brought upon this bond.

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No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

IN WITNESS WHEREOF, this instrument has been duly executed by the PRINCIPAL and SURETY above-named, on the _____ day of _____, 20__.

PRINCIPAL:

BY:_____

PRINT NAME: _____

PRINT TITLE: _____

AND

BY: _____

PRINT NAME: _____

PRINT TITLE:_____

SURETY:

BY:_____

PRINT NAME: _____

PRINT TITLE:_____

MAILING ADDRESS:

_____

_____

_____

(Notarization by Surety and copy of Power of Attorney required.)

APPROVED AS TO FORM:

BY: _____
City Attorney

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

CITY OF ROSEVILLE

GENERAL CONDITIONS

FOR

BUILDINGS AND GROUNDS

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

CITY OF ROSEVILLE
GENERAL CONDITIONS
FOR
BUILDINGS AND GROUNDS

SECTION 1: DEFINITIONS AND TERMS GC-1:1

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SECTION 1

DEFINITIONS AND TERMS

1-1.01 **GENERAL.** When the following abbreviations and terms or pronouns in place of them appear in the Contract Documents, the intent and meaning shall be interpreted as provided in this Section 1.

1-1.02 **ACCEPTANCE.** Formal Acceptance by resolution by the Roseville City Council of the Contract when completed in all respects in accordance with the Contract Documents and any modifications previously approved.

1-1.03 **ADDENDUM.** Written interpretation or revision to any of the Contract Documents issued by the City before the bid opening.

1-1.04 **AS-BUILT DOCUMENTS, AS-BUILT DRAWINGS AND RECORD DOCUMENTS.** As-Built Documents, As-Built Drawings and Record Documents are all contract documents modified to reflect changes during the construction phase. Specifically, As-Built Documents/Drawings are a revised set of drawings submitted by the Contractor upon Final Completion of a project. They reflect changes made in the Specifications and Working Drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the Contract. Record Documents, on the other hand, are compiled by the Engineer or Architect based on the As-Built Documents/Drawings submitted by the Contractor. They reflect the Engineer or Architect's concurring review of what changes were denoted, why they were made and where they occurred and create a record set of drawings.

1-1.05 **ASSESSMENT.** A cost imposed on the Contractor for non-compliance

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with certain contractual requirements.

1-1.06 **BENEFICIAL OCCUPANCY.** The taking possession of a portion of the Work by the City for its use and/or occupancy on other than a temporary or emergency basis.

1-1.07 **BID GUARANTY.** The cashier's, certified check, irrevocable standby letter of credit, deposit of securities, or Bidder's Bond, accompanying the bid submitted by the Bidder, as a guaranty that the Bidder will enter into an agreement with the City for the performance of the Work, if the Agreement is awarded to Bidder, and the Bidder will submit the required Contract Bonds and Certificate of Insurance. Also referred to as the Bidder's Security.

1-1.08 **BIDDER.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, submitting a Proposal for the Work, acting directly, or through a duly authorized representative.

1-1.09 **BIDDING DOCUMENTS.** Includes the Notice to Bidders, Bidding Requirements, Contract Conditions, Drawings, and Addenda.

1-1.10 **CHANGE ORDER.** Any written order to the Contractor directing an addition, deletion, or modification of the Work, or an adjustment in the Contract Price or Contract Time provided in the Contract Documents and issued after the Agreement has been signed.

1-1.11 **CITY.** The City of Roseville.

1-1.12 **CITY ATTORNEY.** The City Attorney of the City.

1-1.13 **CITY CLERK.** The City Clerk of the City.

1-1.14 **CLAIM.** A separate demand by Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following: (a) a time extension, including, without limitation, for relief for damages or penalties for delay assessed by

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the City; (b) payment by the City of money or damages arising from work done by, or on behalf of, Contractor pursuant to the Contract Documents and payment for which is not otherwise expressly provided or to which Contractor is not otherwise entitled; and (c) payment of an amount that is disputed by the City.

1-1.15 **CONSTRUCTION SCHEDULE.** A list or graphic display of construction activities required for completing the Work, in a format required by the Contract Documents. The duration, start and finish date, and sequence of significant activities, critical path, float and milestones must be indicated in the Construction Schedule.

1-1.16 **CONTRACT OR AGREEMENT.** The written agreement relating to the Work to be performed, the labor, materials, and equipment to be furnished, and the payment to be made therefor. The Agreement/Contract is part of and incorporates all of the Contract Documents.

1-1.17 **CONTRACT CONDITIONS.** Includes the General Conditions, Supplemental Conditions, and Specifications.

1-1.18 **CONTRACT DOCUMENTS.** Includes those documents that form the basis of the Contract, including but not limited to, Bidding Documents, the Bid or Proposal, Contract Bonds, the Contract, all required insurance certificates or endorsements, all bonds, all required certifications or statements, Change Orders, any Contract Amendment, any City Standard which is incorporated by reference and these City of Roseville General Conditions for Buildings and Grounds.

1-1.19 **CONTRACT DRAWINGS.** The official drawings including plans, elevations, sections, detail drawings, diagrams, plated, General Notes, information and schedules thereon, or exact reproductions thereof, showing the location, character, dimension, and details

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of the Work. The Contract Drawings include any drawings or plates bound within the Supplemental Conditions.

1-1.20 **CONTRACT PRICE.** The total compensation to be paid to the Contractor in accordance with the terms of the Agreement.

1-1.21 **CONTRACT TIME.** The number of Days, or portion thereof, allowed for completion of the Work, including all authorized time extensions. The effective date for commencement of the Work specified in the Notice to Proceed shall define the beginning of the Contract Time.

1-1.22 **CONTRACTOR.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, who has entered into the Agreement with City.

1-1.23 **DAY OR DAYS.** Unless otherwise designated, Day or Days as used in the Contract Documents will be understood to mean calendar Day or Days.

1-1.24 **DEPARTMENT.** The Department for Contract Administration, as identified in the Supplemental Conditions.

1-1.25 **DIRECT COSTS.** Those cost items (including labor, materials, equipment and any subcontractor's work) that are used in the actual performance of, and are specifically and uniquely attributable to the Work or changed Work. Direct Costs do not include Overhead. Direct Costs only include the following:

A. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by City and Contractor. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include salaries and

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wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees may include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above only to the extent authorized by City in writing.

B. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and suppliers' field services required in connection therewith. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to City, and Contractor shall make provisions so that they may be obtained.

C. Payments made by Contractor to the subcontractors for work performed by subcontractors. If required by City, Contractor shall obtain competitive bids from subcontractors acceptable to Contractor and shall deliver such bids to City who will then determine which bids will be accepted. If a subcontract provides that the subcontractor is to be paid on the basis of cost of the work plus a fee, the subcontractor's cost of the work shall be determined in the same manner as Contractor's cost of the work. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

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D. Costs of special consultants (including engineers, architects, testing laboratories, surveyors, and accountants) employed for services specifically, and only, related to the Work.

E. Supplemental costs including the following:

1. The proportion of necessary transportation, travel and subsistence

expenses of Contractor's employees incurred in discharge of duties connected with the Work.

2. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value of such items used but not consumed which remain the property of Contractor.

3. Rentals of all construction equipment and machinery and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by City, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof, all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.

4. Sales, consumer, use or similar taxes related to the Work, and for which Contractor is liable, imposed by laws and regulations.

5. The cost of utilities (including the meter and all associated installation costs), fuel and sanitary facilities at the site.

6. Cost of premiums for additional bonds and insurance required because of changes in the Work.

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1-1-26 **DIRECTOR.** Director of the Department for Contract Administration or his or her designee.

1-1.27 **EMERGENCY.** Any sudden generally unforeseen occurrence (such as a fire, flood, storm, earthquake, civil disorder, or other natural and/or man-made disaster) that has the potential to adversely affect the safety of life, the Work, and/or adjacent property; to interrupt contracts essential to the performance of the Work; and/or to cause catastrophic failure of City

equipment and/or facilities.

1-1.28 **ENGINEER OR ARCHITECT.** Professional Engineer or Architect designated for a particular project responsible for signing and sealing the permit drawings, interpretation of the drawings where ambiguities exist, review of requests for information, design Change requests and Shop Drawings, resolution of errors and omissions, and finalization of Record Documents.

1-1.29 **FINAL COMPLETION.** When the project has been completed according to the terms and conditions set forth in the Contract Documents. Final Completion is not the same as Acceptance.

1-1.30 **FORCE ACCOUNT.** Payment by force account shall mean payment on the basis of the Contractor's time and materials.

1-1.31 **GENERAL NOTES.** The written instructions, provisions, conditions or other requirements appearing on the Contract Drawings and so identified thereon, which pertain to the performance of the Work.

1-1.32 **INSTALLATION, INSTALL.** Completely assembling, erecting, and/or connecting materials, parts, components, supplies, and related equipment specified or required for the completion of the Work.

1-1.33 **LABORATORY.** Established professional laboratories authorized by the City to test materials and Work involved in the Contract.

1-1.34 **LEGAL HOLIDAYS.** Those days designated as Federal holidays or declared by the City, or otherwise specified in the Contract Documents.

1-1.35 **LIQUIDATED DAMAGES.** The amount prescribed in the Contract Documents to be paid to the City or to be deducted from any payments due or to become due the

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Contractor for each day's delay in completing the whole or any specified portion of the Work beyond the time allowed in the Supplemental Conditions.

1-1.36 **NOTICE OF COMPLETION.** A legal notice filed by the City with the Placer County Recorder's Office stating that construction has been completed and accepted by the City.

1-1.37 **NOTICE TO PROCEED.** A written notice given by the City to the Contractor fixing the date on which the Contract Time will commence to run.

1-1.38 **NOTICE OF TERMINATION.** Written notice from the City to the Contractor and/or its Surety terminating the Agreement, or a portion thereof, either for convenience of the City or for default due to the Contractor's failure to perform its contractual obligations.

1-1.39 **OVERHEAD.** Business or administrative expenses (including but not limited to office expenses, administrative staff, rent, insurance, utilities) not chargeable to a particular part of the Work. The term "Overhead" shall include all of the following:

A. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expediters, timekeepers, clerks, and other personnel employed by Contractor whether at the Work Site or in Contractor's principal or a branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications, all of which are to be considered administrative costs covered by the Contractor's fee.

B. Expenses of Contractor's principal and branch offices other than Contractor's office at the site.

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C. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

D. Cost of premiums for all bonds and for all insurance whether or not Contractor is required by the Contract Documents to purchase and maintain the same, except as provided in section 1-1.25.

E. Other overhead or general expense costs of any kind.

1-1.40 **PREMISES.** Shall mean the area within construction easements, easements, rights of entry and City owned property which surrounds the Work Site, limited by the property lines thereof. In some cases Premises may coincide with the Work Site.

1-1.41 **PROFESSIONAL ENGINEER.** An engineer licensed by the Board of Registration for Professional Engineers, State of California.

1-1.42 **PROJECT MANUAL.** A book containing all Contract Documents.

1-1.43 **PROPOSAL FORMS.** The approved forms upon which the City requires that each Bidder submit its bid with regard to the Agreement.

1-1.44 **REQUEST FOR INFORMATION (RFI).** A document issued by the Contractor requesting information concerning the Contract Documents.

1-1.45 **SAFETY.** Includes the practice of identifying potential hazards, assessing their risk, taking corrective action where possible, including and providing control measures such as engineering design, written procedures, and the personal protective equipment for workers in order to eliminate or reduce the risk for exposure in the workplace.

1-1.46 **SCHEDULE OF VALUES.** The breakdown of the Contract Price that will serve as the basis for Contractor's Applications of Payment. Any lump sum bid item

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included within the Contract Price will be apportioned among values relating to specific components of the Work covered by said lump sum.

1-1.47 **SHOP DRAWINGS.** Drawings, plans, diagrams, schedules, and other data specifically prepared and submitted to the City by the Contractor, showing in detail: (a) the proposed fabrication and assembly of a special component of the Work; and (b) the Installation (form, fit and attachment details) of a special component of the Work. Shop Drawings shall be deemed to include Working Drawings, Product Data, literature, and applicable performance and test data.

1-1.48 **SPECIFICATIONS.** The technical Specifications for the Work prepared by the Director or an Engineer or Architect describing in detail the nature of the Work, its components, any performance standards, and how the Work is to be constructed.

1-1.49 **SUBCONTRACTOR.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, engaged by the Contractor to furnish services, labor, equipment and materials for a portion of the Work.

1-1.50 **SUBMITTALS.** Those documents required to be submitted by the Contractor for review by the City in accordance with the Contract Documents.

1-1.51 **SUPPLEMENTAL CONDITIONS.** The Supplemental Conditions are specific clauses modifying or supplementing these General Conditions.

1-1.52 **SUPPLIER.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, that supplies a tangible product as a portion of the Work, with services usually limited to delivery and/or required testing, and with manufacturing, fabrication, or production facilities located off

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the Work Site.

1-1.53 **WORK.** The furnishing of all labor, and the furnishing and Installing of all materials, articles, supplies and equipment as specified, designated, or required by the Contract Documents.

1-1.54 **WORK SITE.** All or portion of the Premises that the Work is limited to as shown on the Contract Drawings or designated by the Director. Public streets are not included unless Work is being done within the street right-of-way.

1-1.55 **WORKING DRAWINGS.** Original drawings prepared by the Contractor and/or its Subcontractors or Suppliers, of any tier, illustrating Work required for construction that will not become an integral part of the completed Work. This includes, but is not limited to, drawings for temporary structures such as decking, bulkheads, excavation supports, utility support, groundwater control, forming, falsework, access roads, staging areas, staging plans, and diversion plans. A Working Drawing is one type of a Shop Drawing.

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SECTION 2

CONTROL AND SCOPE OF THE WORK

2-1.01 **AUTHORITY OF DIRECTOR.** The Contract shall be performed in a manner satisfactory to the Director who shall decide all questions which may arise as to the quality or acceptability of materials furnished and Work performed and as to the manner of performance and rate of progress of the Work; all questions which may arise as to the interpretation of the Contract Documents; all questions as to the acceptable fulfillment of the Contract on the part of the Contractor; and all questions as to compensation. The Director shall have authority to enforce and make effective such decisions and orders in the event the Contractor fails to promptly carry out the same.

2-1.02 **INTENT OF CONTRACT DOCUMENTS.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intent of the Contract Documents is to describe the details for the construction and completion of the Work. Where the Contract Documents describe portions of the Work in general terms, but not in complete detail, it is understood that only the best general practice shall be followed and that only materials and workmanship of the best quality are to be used. Any Work, materials, or equipment that are customarily provided, or that are reasonably inferable from the Contract Documents as being required to produce the intended result, shall be supplied, whether or not specifically called for. When words, which have a well-known technical or trade meaning are used to describe work, materials, or equipment, such words shall be interpreted in accordance with that meaning. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals, and do all the Work involved in executing the Contract in a

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satisfactory and workmanlike manner.

Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, laws, or regulations in effect on the first published date of the Notice to Contractors, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties and responsibilities of City or Contractor, or any of their consultants, agents, or employees from those set forth in the Contract Documents, nor shall it be effective to assign to City, or City's designated representative, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to other provisions of the Contract Documents.

The Contract Documents are divided into parts, divisions, sections and articles for convenience, organization and reference. Generally, there has been no attempt to divide the Specifications sections into work performed by the various building trades, work by separate Subcontractors, or work required for separate facilities in the project.

2-1.03 **EXAMINATION AND VERIFICATION OF CONTRACT DOCUMENTS.** The Contractor shall thoroughly examine and become familiar with all of the various parts of the Contract Documents and shall determine the nature and location of the Work, the general and local conditions (including applicable laws) and all other matters which can in any way affect the cost, progress or performance of the Work under this Agreement. Failure to make an examination necessary for this determination shall not release the Contractor from the obligations of the Agreement. No oral agreement or conversation with any officer, or employee

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of the City, or with the City's designated representative either before or after the execution of the Agreement, shall affect or modify any of the terms or obligations contained in the Contract Documents.

2-1.04 **CONTRACT DRAWINGS.** The Contract Drawings consist of general drawings and show such plans, elevations, sections, details and schedules as are necessary to give a graphic and pictorial description of the contemplated construction. All authorized alterations affecting the requirements and information given on the Contract Drawings shall be in writing.

2-1.05 **COORDINATION AND INTERPRETATION OF CONTRACT DOCUMENTS.** All Contract Documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary, and to describe and provide for a complete Work.

In the event of inconsistencies between requirements contained in different components of the Contract Documents, the precedence of the Contract Documents shall be as follows to resolve conflicts:

1. Change Orders
2. The Contract (including Addenda)
3. The Supplemental Conditions
4. Specifications
5. Contract Drawings
6. The General Conditions

Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall submit a

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Request for Information ("RFI") to the Director for such further explanations as may be necessary and shall conform to the written explanation given as if part of the Contract Documents. The decisions of the Director shall be final.

Contractor shall anticipate that it will be necessary to prepare and submit RFIs regarding the Contract Documents. The City will respond to each RFI by no later than fourteen (14) Days after receipt of the RFI, unless the RFI is of significant complexity. Furthermore, in the event that there are numerous RFIs pending, Contractor shall cooperate with the City in establishing a priority for responding to the RFIs, and potentially some RFIs may be responded to beyond the fourteen (14) Day period.

Each RFI prepared by Contractor shall be full and complete. Contractor shall prepare RFIs so as to not cause any delay to the progress of the Work and to not cause any impact to Contractor's labor productivity in the field. Contractor shall not assert any Claims for delay or interference against the City if Contractor fails to timely submit any RFI to the City, after consideration of the response period allowed for by the City.

The response to an RFI shall not, by itself, constitute a writing that authorizes Contractor to perform any Work that causes an adjustment to either the Contract Price or the Contract Time. If Contractor believes that any response to any RFI should constitute a compensable change, Contractor shall provide a Notice of Potential Claim as provided in Section 7-1.03, below. Contractor's failure to provide the required written notice shall constitute a waiver of the Contractor's right to seek a compensable change based on the RFI response.

The Contractor shall examine all Contract Documents; shall verify all figures in the Contract Documents before laying out the Work; shall promptly notify the City of all errors, inconsistencies, and/or omissions that it discovers; and, in instances where such non-

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conformities are discovered, shall obtain specific instructions in writing from the City before proceeding with the Work. Contractor's performance of any Work affected by such non-conformities prior to the City's decision shall be at the Contractor's risk. Any Work that is customarily provided or that is reasonably inferable shall not relieve the Contractor from performing such work at no additional expense and/or delay, and such Work shall be performed as if fully set forth in the Contract Documents.

2-1.06 **INDEPENDENT CONTRACTOR STATUS.** The Contractor shall independently perform all Work required by the Contract Documents and shall not be considered as an agent or employee of the City, nor shall the Contractor's Subcontractors or employees be considered as subagents of the City.

The Contractor and Contractor's Subcontractors shall be licensed in accordance with the laws of the State of California and as more particularly described in the bidding documents or elsewhere in the Contract Documents.

2-1.07 **ORDER OF WORK.** When required by the Contract Documents, the Contractor shall follow the sequence of operations set forth therein. Full compensation for conforming to such requirements will be considered as included in the prices paid for the various Contract items of work, and no additional compensation will be allowed therefor.

2-1.08 **SUBMITTALS.** It shall be the Contractor's responsibility to timely submit, so as to cause no delay in the Work, all Shop Drawings, descriptive data, manuals, instructions, affidavits, samples for the various trades as required by the Supplemental Conditions and Specifications, and offers of alternatives, if any. Such Submittals shall be checked and coordinated by the Contractor with the Work of other trades involved before they are submitted to the Director for examination.

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The Contractor shall deliver at least one (1) electronic copy of the Submittals to the Director, and one (1) hard copy if requested. Work requiring the submittal of working drawings, descriptive data or samples shall not begin prior to approval of said Submittal by the Director.

The time allowed for review of each Submittal will be as indicated in the Supplemental Conditions. Review time will start upon receipt of the Submittal by the Director and will end upon the Director's mailing of the Submittals to the Contractor. Defective, incomplete or partial Submittals will be returned to the Contractor unreviewed.

Submittals shall be made by a letter of transmittal that shall contain a list of all matter submitted and identification of all variations from the Contract Documents contained in the Submittal. The letter and all items accompanying the same shall be fully identified as to project name and location, Contractor's name, district, county, and Contract number, with ample cross-references to the Contract Documents, to facilitate identification of items and their location in the Work.

All Shop Drawings and supporting data, catalogs, schedules, shall be submitted as the instruments of the Contractor, who shall be responsible for their accuracy and completeness. These Submittals may be prepared by the Contractor, Subcontractors, or Suppliers, but the Contractor shall ascertain that Submittals meet all of the requirements of the Contract Documents, while conforming to structural, space, and access conditions at the point of Installation. The Contractor shall check all Submittals before submitting them to the Director.

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2-1.08A **SHOP DRAWINGS.** The Contractor shall submit an electronic copy (searchable PDF) of all Shop Drawings required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. Shop Drawings shall also be provided separately in AutoCAD format using the latest version of AutoCAD. An electronic

copy will be returned to the Contractor either approved for use, as demonstrated by a stamp, or returned for correction and resubmittal. Materials, colors and/or samples will not be returned to the Contractor. Shop Drawings include any drawing, which requires execution by a draftsman as distinguished from printed matter. The size of Shop Drawings shall not exceed twenty-four inches (24") by thirty-six inches (36").

2-1.08B **DESCRIPTIVE DATA.** The Contractor shall submit an electronic copy (searchable PDF) of each set of manufacturer's brochures or other data required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. The City will examine such Submittals and return either an electronic copy or a hard copy approved for use or returned for correction and resubmittal.

2-1.08C **SAMPLES.** The Contractor shall submit samples of articles, materials or equipment as required by the Supplemental Conditions or Specifications. The Work shall be in accordance with the approved samples. Samples shall be removed from City property when directed or may be incorporated in the Work if approved by the Director. Samples not removed by the Contractor will become the property of the City or, at the City's option, will be removed or disposed of by the City at the Contractor's expense.

2-1.08D **MANUALS, INSTRUCTIONS AND AFFIDAVIT.**

A. Manuals and Instructions. Where operation and maintenance manuals are required by the Supplemental Conditions, the Contractor shall submit two (2) sets of manuals, suitably bound, along with two (2) electronic copies in an approved format, to the Director within forty-five (45) Days after favorable review of the equipment or facilities. If operation and maintenance manuals are approved to be provided in PDF format, text shall be provided in searchable PDF format, making proper use of PDF for headings and heading levels,

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paragraphs, tables, and lists. Submitted operation and maintenance manuals shall be a collected, organized, and indexed set of bookmarked PDF documents comprising each operation and maintenance manual that corresponds to a hardcopy binder. All manuals shall be marked to indicate the specific equipment furnished for this project and shall include at a minimum:

1. Equipment summary form
2. Cover/Title page
3. Table of contents
4. Operating procedures including start-up, shutdown, normal operation, all operating modes, emergency shutdown, and safety precautions
5. Lubrication instructions (if required)
6. Preventative maintenance procedures
7. Troubleshooting and corrective maintenance procedures
8. Reinstallation instructions
9. Overhaul instructions (if applicable)
10. Parts identification list with exploded view and associated cross references
11. Recommended spare parts list
12. Operator safety requirements
13. Electrical and control system wiring drawings, including panel wiring control (ladder) diagrams, logic diagrams, loop diagrams, and interconnection diagrams
14. Panel layout and assembly drawings

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15. Mechanical drawings

16. Printouts of all software programs and configuration files

17. Factory and field test procedures and results

Operation and maintenance manuals for complex equipment shall also include:

18. Alternate specified operating modes

19. Emergency shutdown instructions

20. Normal shutdown instructions

21. Long term shutdown instructions

Operation and maintenance manuals for systems comprised of separate pieces of equipment shall include a system explanation of items 4, 7, 18, 19, 20, and 21 as well as the instructions for the separate pieces of equipment.

B. Affidavits. Where required in the Supplemental Conditions or Specifications, manufacturers of equipment shall provide field service as a part of this project. Equipment shall not be considered ready for full time operation until after the authorized factory-trained and qualified manufacturer's representative for the specific equipment has checked and adjusted the equipment and certified by written affidavit that the equipment has been properly Installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. Acceptable affidavits shall be submitted prior to completion of the Work. Affidavits shall contain the following specific wording:

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"The (Name of Equipment) has been properly installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. The installation has been inspected and has been found to be in conformance with our (the manufacturer's) standards and requirements."

No amplification, dilution, or modification of this specific wording will be permitted.

2-1.08E **ALTERNATIVES.** For convenience in designation in the Contract Documents, certain materials, articles, or equipment may be designated by a brand or a trade name or the name of the manufacturer together with catalog designation or other identifying information, hereinafter referred to generically as "designated by brand name." Except in those instances where the product is designated to match others in use in a particular improvement, either completed or in the course of completion, an alternative material, article, or equipment which is of equal quality and of the required characteristics for the purpose intended may be proposed for use provided the Contractor complies with the following requirements:

A. The Contractor shall submit its proposal for an alternative in writing. Such request shall be made in ample time to permit review and approval without delaying the Work. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price based on any Contractor-proposed substitution.

B. No such proposal will be considered unless accompanied by complete information and descriptive data, necessary to determine the equality of the offered materials. The Contractor shall satisfy the Director as to the comparative quality, suitability, or performance of the offered material, articles, or equipment. In the event that the Director rejects the use of such alternative materials, articles, or equipment, then one of the particular products designated by brand name shall be furnished.

C. The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and it shall furnish all information necessary as required by the Director. The Director shall be the sole judge as to the quality and suitability of alternative articles or materials and such decisions shall be final. Where use of an alternative material

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involves redesign of, or changes to, other parts of the Work, the cost and time required to effect such redesign or changes will be considered in evaluating the suitability of the alternative material. Cost of redesign by the City will be borne by the Contractor.

D. Whenever classification, rating or other certification by a body such as Underwriters Laboratories (UL) or the National Electrical Manufacturers Association (NEMA) is a part of the specification for any material, Contractor's request for use of alternative articles or materials shall be accompanied by reports from the listed or equivalent independent testing Laboratory indicating compliance with the Contract Documents. The cost of all testing required to prove equality of the material proposed shall be borne by the Contractor. Approval of an alternative shall be only for the characteristics or use named in such approval, and shall not be used to change or modify any requirement of the Contract Documents.

E. At its election, the City reserves the right to consider any Contractor proposed substitution as a Cost Reduction Proposal under Section 3-1.07 of these General Conditions in the event that there is a significant savings resulting from the substitution.

The Director will examine, with reasonable promptness, such Submittals, and return of Submittals to the Contractor shall not relieve the Contractor from responsibility for deviations and alternatives from the Contract Documents, nor shall it relieve the Contractor from responsibility for errors in the Submittals. A failure by the Contractor to identify in its letter of transmittal material deviations from the Contract Documents shall void the Submittal and any action taken thereon by the Director. When specifically requested by the Director, the Contractor shall resubmit such Shop Drawings, descriptive data and samples as may be required.

If any mechanical, electrical, structural, or other changes are required for the proper Installation and fit of alternative materials, articles, or equipment, or because of deviations from

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the Contract, such changes shall not be made without the approval of the Director and shall be made without additional cost to the City.

2-1.09 **DISPOSAL OF MATERIAL OUTSIDE THE WORK SITE.** Unless otherwise stated elsewhere in the Contract Documents, the Contractor shall, at its own cost and expense, make its own arrangements for disposing of materials outside the Work Site.

Except when material is to be disposed of at a landfill or recycling center, when any material is to be disposed of outside the Work Site, the Contractor shall first obtain written permission from the City to dispose of the material at the intended location. The City's approval will be contingent upon the Contractor obtaining a written permit from the property owner on whose property the disposal is to be made. Prior to the disposal of any material at the intended location, the Contractor shall submit such permit or a certified copy thereof to the City, together with a written release from the property owner absolving the City from any and all responsibility related to the disposal of material on said property.

Disposal of Hazardous Materials must be done in accordance with all laws and regulations. Copies of all required regulatory documentation including copies of final manifests shall be supplied to the City.

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2-1.10 **ACCESS TO THE WORK.** The Contractor shall satisfy itself that the jurisdictions through which its operations and haul routes pass will permit such operations with respect to the type of vehicle, laden weights, frequency and dimensions of loads, hours of operation and required traffic control. All necessary permits, licenses or bonds shall be obtained and paid for by the Contractor.

2-1.11 **TEMPORARY UTILITIES.** The Contractor shall make its own arrangements with utility companies for any temporary services it may require in performance of

the Work and shall pay all costs of these services directly to these utility organizations.

2-1.12 **UTILITY FACILITIES.** The Contractor shall protect from damage those utility facilities that are to remain in place, be Installed, relocated or otherwise arranged.

The Contractor's attention is directed to the possible existence of facilities not shown, and of facilities in a location different from that, which is indicated. The Contractor shall take steps to ascertain the exact location of all facilities prior to doing any Work, which may damage such facilities or interfere with their service. Where the location of a facility is indicated or inferred from the presence of visible facilities such as buildings, meters, and junction boxes, the Contractor shall make such excavations and explorations as are necessary to ascertain the correct location. Unless provided for elsewhere in the Contract Documents, the cost of such excavations and explorations will be considered as a part of the cost of other items of Work and no additional payment will be made. Such excavations and exploratory Work shall not entitle the Contractor to an extension of time.

If the Contractor discovers underground facilities not indicated or inferred from the Contract Documents, the Contractor shall immediately give the Director written notification of the existence of those facilities. The Contractor shall determine the exact location of the underground facilities and the cost of the work will be paid for in accordance with the Contract Documents. The underground facilities shall be protected from damage as directed by the Director and the cost of that work will be paid for as extra work. The Contractor shall, if directed by the Director, repair any damage, which may occur to the underground facilities. The cost of that repair work, not due to the failure of the Contractor to exercise reasonable care, will be paid for as extra work. Damage due to the Contractor's failure to exercise reasonable care shall be repaired at the Contractor's cost and expense.

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Where it is determined by the City that the rearrangement of an underground facility, the existence of which is not shown on the Contract Drawings, is essential in order to accommodate the Work, the City will provide for the rearrangement of such facility by other forces or, when so ordered by Change Order, such rearrangement shall be performed by the Contractor and will be paid for as provided under a Change Order.

The Contractor shall be responsible for the maintenance of all utility facilities placed by the Contractor in temporary locations, and all utilities within the construction area not required to be relocated but which are required to be shored or supported during the construction period. The cost of such maintenance shall be borne by the Contractor, and no other compensation shall be due the Contractor for this Work.

The cost of providing and maintaining all necessary or required temporary structures, of making any necessary repairs, replacements, or similar operations, or furnishing indemnity or other bonds, if required, and all costs required by this Section shall be paid by the Contractor and shall be included in the prices bid in the schedule for other items of work.

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2-1.13 **PRESERVATION AND CLEANING.** The Contractor shall clean up the Work at frequent intervals and at other times when directed by the Director. While finish Work is being accomplished, floors, Work areas and finished areas shall be kept clean, free of dust, construction debris and trash. Upon completion of the Work, the Contractor shall remove from the Premises its construction equipment and any waste materials not previously disposed of, leaving the Premises thoroughly clean and ready for final inspection.

2-1.14 **LIMITATIONS ON WORK SITE AND PREMISES.** The Contractor shall limit its construction operations to the Work Site unless otherwise shown on the Contract Drawings or specified. The Contractor shall perform no operation of any nature over or on the

Premises except such operations as are authorized by the Contract Documents or as authorized by the Director.

2-1.15 **DUST CONTROL.** During the performance of all Work under this Contract, the Contractor shall assume all responsibility for dust control and shall furnish all labor, equipment, and means required to carry out proper and efficient measures wherever and whenever dust control is necessary to prevent the operations from producing dust damage and nuisance to persons and property. Any claims resulting from dust damage or nuisance shall be borne solely by the Contractor. The Contractor shall comply with all applicable Air Quality Act requirements.

2-1.16 **SANITATION.** The Contractor shall provide sanitary facilities for all persons working on the Work.

2-1.17 **NIGHT WORK AND NORMAL WORKING HOURS.** Normal working hours at the construction site shall be between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday. Legal holidays are excluded. Certain utility connections and street operations are anticipated to require night Work by the Contractor during low usage periods. The Contractor may also be required to prosecute the Work at night if, at any time, the Director shall deem it necessary for the progress of the Work, or if emergencies arise. The Contractor shall promptly comply with any such requirements made in writing by the Director. The Contractor will also be permitted to Work at night if Contractor satisfies the Director of the need therefor, in order to maintain the required progress or protect the Work from the elements. Certain activities are required to be performed at night for nominal progress of the Work and/or are specified to be performed at night by other portions of the Supplemental Conditions. When required, ordered, or permitted to Work at night, the Contractor shall provide sufficient and

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satisfactory lighting and other facilities therefor. The Contractor shall receive no extra payment for night Work, if specified or if required to be performed during the normal progress of the Work, but compensation shall be considered as having been included in the price stipulated for the Work.

If Contractor performs work during weekends, holidays or any non-normal work hours, Contractor shall pay for required City Inspectors.

2-1.18 **LINES AND GRADES.** Unless otherwise provided in the Supplemental Conditions, the Contractor shall lay out all Work, including structures and pipelines, and shall be responsible for any errors resulting therefrom. In all questions arising as to proper location of lines and grades, the Director's decision will be final.

As part of the bid price for the construction of the improvements, the Contractor shall provide and be responsible for the layout of all Work on this project. The Contractor shall provide all necessary surveys, field staking, and positioning for the construction of all components at the proper alignment, elevations, grades, and positions, as indicated on the Contract Drawings and as required for the proper operation and function. The Contractor shall stake its Work area limits. Contractor shall perform all construction staking using a land surveyor licensed in the State of California. Contractor shall provide a staking plan prior to commencement of Work for the City's review and maintain monuments, stakes, and marks, and shall update the plan as necessary. Director, or Director's designated representative, may verify the field condition. Errors or inconsistencies in the Contract Documents discovered by the Contractor shall be reported to the Director within twenty-four (24) hours and prior to constructive forms or related improvements. Any work Installed with this requirement shall be subject to removal and replacement at the Contractor's expense.

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The Contractor's lay-out shall be based on existing structures, property lines, survey control, and bench marks established by the City. All structures and pipeline connections shall be Installed based on actual elevation of existing structures to which connections are made.

The Contractor shall supply such labor as required, at no extra charge, to aid and assist the Director in checking location and grades of the Work as set by the Contractor if the Director desires to perform this checking. This shall include moving materials and equipment located between monuments and the construction Work.

2-1.19 **ARCHEOLOGICAL DISCOVERIES.** Upon discovery of prehistoric or historic artifacts, or other indicators or examples of cultural resources discovered during the course of site preparation, grading, excavation, construction or other development activities, all operations within fifty feet (50') of the find shall cease until such time as the City provides the services of a qualified archeologist to evaluate the finds and recommend appropriate action.

Prehistoric materials can include flaked stone tools (e.g., projectile points, knives and choppers) or tool making debris of obsidian, chert, quartzite and other materials, culturally darkened soil (i.e., midden, which often contains heat affected rock, ash and charcoal, shellfish remains, and cultural materials), and stone milling equipment such as mortars, pestles and hand stones. Historic material may include wood, stone, concrete or adobe footings, walls and other structural remains; debris filled wells or privies; and deposits of wood, metal, glass, ceramics and other refuse.

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2-1.20 **PRESERVATION OF MONUMENTS.** Any monuments or bench marks disturbed by construction operations shall be repaired per the City's standard and promptly re-established by a registered land surveyor or civil engineer. A plat for each monument shall be furnished to the Director after the plat has been recorded with the Placer

County Recorder's Office at no additional cost to the City. The recorded plat shall serve as a record of the re-establishment of said existing survey points.

2-1.21 **CONFORMITY WITH CONTRACT DOCUMENTS.** Work and materials shall conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, required by the Contract Documents. Although measurement, sampling and testing may be considered evidence as to such conformity, the City shall be the sole judge as to whether the Work or materials deviate from the Contract Documents. At its option, the City may elect to accept deviations from the Contract Documents with appropriate backcharge Assessments against the Contractor, and, if such an election is made, the City will provide written notice to the Contractor of such acceptance.

2-1.22 **FINAL CLEANUP.** Prior to final Acceptance of the Work, the Contractor shall thoroughly clean the Premises, remove all temporary structures built by or for the Contractor, and remove all equipment and surplus construction material and debris from the area. The entire project, before Acceptance by the City, shall be left in a neat and clean condition. All Work areas and temporary construction areas shall be returned to essentially the same conditions existing before the commencing of project construction.

2-1.23 **AS-BUILT DOCUMENTS AND DRAWINGS.** The Contractor shall maintain one set of the full size prints furnished by the City and mark thereon in color any deviations from plan dimensions, elevations, or orientations. Also, the Contractor shall locate on said prints, all underground facilities, such as piping, conduits and tanks by accurate field measurement from structure walls, corners, etc. The Contractor shall submit the prints and an electronic CD (searchable PDF or source file format such as AutoCAD) in good condition to the Director upon completion of the job as a condition of Acceptance of the project. Marked prints

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shall be updated at least once each week and shall be available to the Director for review as to currency prior to developing partial payment estimates. After the completion of testing, but prior to Acceptance, the Contractor shall submit As-Built electrical drawings in color and an electronic CD showing all components and their wiring, and as specified in the Supplemental Conditions.

2-1.24 **SUPERINTENDENCE.** The Contractor shall supervise and direct the Work, which shall be performed in accordance with the requirements of the Contract Documents. The Contractor shall be solely responsible for implementation of all construction means, methods, techniques, sequences, and procedures and for coordination of all portions of the Work under the Agreement. The Contractor shall be solely responsible for the safety of its employees, Subcontractors of any tier, Suppliers, visitors to the Contractor, and other third parties associated with the Contractor.

The Contractor shall designate in writing before starting Work, an authorized representative who shall have the authority to represent and act for the Contractor.

When the Contractor is comprised of two (2) or more persons, firms, partnerships, or corporations functioning on a joint venture basis, said Contractor shall designate in writing before starting Work, the name of one authorized representative who shall have the authority to represent and act for the Contractor. Instances of misconduct, contract non-compliance, unsatisfactory performance, or incompetence by these personnel shall be grounds for the City to direct Contractor to dismiss them from the Project. Contractor shall immediately comply with the City's request for dismissal, at no cost to the City, and shall designate a replacement, which shall be subject to approval by the City.

Said authorized representative shall be present at the site of the Work at all times while Work is actually in progress on the Contract. When Work is not in progress and during periods

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when Work is suspended, arrangements acceptable to the Director shall be made for any Emergency Work that may be required.

Whenever the Contractor or its authorized representative is not present on any particular part of the Work where it may be desired to give direction, orders will be given by the Director, which shall be received and obeyed by the superintendent or foremen who may have charge of the particular Work in reference to which the orders are given.

Any order given by the Director, not otherwise required by the Supplemental Conditions to be in writing, will on request of the Contractor, be given or confirmed by the Director in writing.

2-1.25 **CHARACTER OF WORKER.** If any Subcontractor or person employed by the Contractor shall appear to the Director to be incompetent or to act in a disorderly or improper manner, he or she shall be removed immediately on the requisition of the Director, and such person shall not again be employed on the Work.

2-1.26 **INSPECTION.** The Contractor shall at all times permit the Director to inspect the Work or any part thereof. The Contractor shall maintain proper facilities and provide safe access for such inspection by the Director to all parts of the Work, and to the shops where the Work is in preparation. Work shall not be covered up until authorized by the Director and the Contractor shall be solely responsible for notifying the Director where and when such Work is in readiness for inspection and testing. Should any such Work be covered without authorization, it shall, if so ordered, be uncovered at the Contractor's expense.

Unless otherwise designated as normal working hours, whenever the Contractor intends to perform Work on Saturday, Sunday, or a Legal Holiday, the Contractor shall give notice to the Director of such intention forty-eight (48) hours prior to performing such Work, or such longer

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period as may be specified so that the Director may make necessary arrangements.

The observation and/or approval of the workmanship or materials by the City shall not relieve the Contractor of any obligations to fulfill the requirements of the Contract Documents. Workmanship and materials not meeting such requirements shall be corrected and unsuitable Work or material may be rejected, notwithstanding that such Work or materials have been previously observed and/or approved by the City, or payment therefor has been included in a progress estimate.

The City may order re-examination of questioned Work at any time before final Acceptance. If so ordered, the Contractor shall uncover the Work. If such work is found to be in accordance with the Contract Documents, the City will pay for the cost of uncovering, removing, recovering and replacing the parts removed; but if such Work so exposed or examined is not in accordance with the Contract Documents, the uncovering, removal, recovering and replacement shall be at the Contractor's expense. Work that has been covered prior to observation by the City does not qualify as re-examined work; the City may order such work uncovered for observation without payment of any costs.

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2-1.27 **REMOVAL OF REJECTED AND UNAUTHORIZED WORK.** All Work which has been rejected shall be remedied, or removed and replaced by the Contractor in a manner acceptable to the Director and no compensation will be allowed the Contractor for such removal, replacement, or remedial Work.

Any Work done beyond the lines shown on the Contract Drawings or established by the Director, or any Work done without written authority will be considered as unauthorized Work and will not be paid for. Upon order of the Director, unauthorized Work shall be remedied, removed, or replaced at the Contractor's expense.

Upon failure of the Contractor to comply promptly with any order of the Director made under this section, the Director may cause rejected or unauthorized Work to be remedied, removed, or replaced, and the costs thereof will be deducted from any moneys due or to become due the Contractor.

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SECTION 3

CHANGES IN THE WORK

3-1.01 **CHANGES.** The Director, without invalidating this Agreement and without notice to Contractor's surety, may order changes in the Work, consisting of additions or deletions, or other revisions. The Contract Price and the Contract Time shall be adjusted accordingly. All such changes in the Work, including in the Contract Price and the Contract Time, shall be authorized only by Contract Change Order, signed by the Director.

If Contractor claims that performance of any work entitles it to additional compensation or to an extension of time for performance of the Work, Contractor shall provide written notice to the City of any such claim prior to undertaking such work. Contractor shall provide written notice of any anticipated impacts to the Contract Price or Contract Time within three (3) Days of discovering such impact, by submitting a Notice of Potential Claim described in Section 7-1.03 below, or notice of delay as described in Section 6-1.09 below. If the Director refuses to issue a Change Order for such work, Contractor shall perform that work if directed or obligated to do so and shall submit a complete and specific Claim for additional compensation and/or extension of time for performance within fifteen (15) Days after such work is performed, as described in Section 7-1.03 below. Failure to provide written notice of claims prior to undertaking such work, failure to provide a timely Notice of Potential Claim, or failure to submit timely a complete and specific Claim for additional compensation and/or extension of the time for performance, shall be deemed a waiver and abandonment of any such Claim. No Claim, dispute or controversy shall interfere with the progress or performance of the Work and the Contractor shall proceed with the Work as directed by the Director. Failure to so proceed shall amount to a

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default under this Agreement.

3-1.02 **PROPOSED CHANGE ORDERS.** The Contractor will be notified in writing of a proposed Change Order describing the intended change. Within fifteen (15) Days after receipt of a written request, the Contractor shall submit its proposed price to be added or deducted from the Contract Price due to the change and its estimate of the extent of the adjustment in the Contract Time, if any. The Contractor's proposed price to be added to or deducted from the Contract Price shall be supported by a detailed estimate of cost prepared by the Contractor, vendor or Supplier. The Contractor's proposed price submittal shall be accompanied by a statement of the time necessary for the changed Work, together with a description of how this time will be incorporated into the current Construction Schedule. The Contractor shall upon request by the Director permit inspection of its original Contract estimate, subcontract agreements or purchase orders relating to the change.

If agreement is reached on the adjustment in compensation as provided in Section 3-1.05, "Contract Price Adjustment," of these General Conditions, the Contractor shall proceed with the Work as changed at the agreed price.

If the Contractor and the Director fail to agree as to the adjustment in compensation for the performance of the changed Work, the Contractor, upon written order from the Director, shall proceed immediately with the changed Work and the Contract Price shall be adjusted in accordance with Section 3-1.06, "Force Account Payment," of these General Conditions.

If the Contractor fails to submit its cost estimate within such fifteen (15) Day period, the Contractor shall commence the Work as changed immediately upon receipt of written order of the Director, and the Contract Price will be adjusted in accordance with the Director's cost estimate for the changed Work.

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3-1.03 **EMERGENCY AND INDETERMINATE TYPE CHANGE ORDERS.** Changes in the Work made necessary by an Emergency, as determined by the Director, or changes of a kind where the extent of the Work cannot be determined until completed, may be authorized by the Director in writing. The Change Order shall state that it is issued pursuant to this Section 3-1.03. Upon receipt of an authorized Change Order or other written order of the Director, the Contractor shall proceed with the ordered Work and the Director will maintain a daily job record containing a detailed summary of all labor, materials and equipment required for the changed Work.

Within fifteen (15) Days after receiving a written request, the Contractor shall submit a detailed estimate of cost for the change and any requested change in Contract Time in the same manner as required for proposed Change Orders in Section 3-1.02 of these General Conditions.

3-1.04 **EXECUTED CHANGE ORDER.** A Contract Change Order signed by both the Director and the Contractor is an "executed Contract Change Order." By signing the Contract Change Order, the Contractor agrees that the specified compensation constitutes full compensation for the changed Work, including payment for interruption, disruption, acceleration, extended Overhead, delay or any other "impact" claim or "ripple effect" claim. The Contractor specifically understands and agrees that its execution of the Contract Change Order shall constitute a waiver of any right for the Contractor to claim any additional compensation with respect to the subject matter of the Contract Change Order.

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3-1.05 **CONTRACT PRICE ADJUSTMENT.** If a Contract Change Order provides for an adjustment to the Contract Price, the amount of such adjustment shall be determined by one of the following methods, or a combination thereof, as determined by the City and in its sole discretion:

A. Lump sum. The Contractor and the City may agree on a lump sum amount for the Change Order. At the City's request, the Contractor will provide pricing for the work. Maximum markups for Contract Change Orders paid for using lump sum pricing shall be paid for in the same manner and in the same amounts as markups for Force Account work, as described in Section 3-1.06 below.

B. Unit Prices. The unit prices set forth in the Contractor's Schedule of Bid Prices will be utilized where they are applicable and acceptable to the City. The Contractor's unit prices shall remain firm and shall not be subject to adjustment unless and until the actual quantity of work is increased or decreased by Contract Change Order in an amount greater than twenty-five percent (25%) from the estimated quantity indicated for such item. No markups will be given for Contract Change Orders paid for using unit prices.

Unit prices for new items included in the Contract Change Order but not included in the original bid shall be as mutually agreed upon or, in the absence of agreement, as determined by the City in the same manner as if the work were to be paid for on a Force Account basis, as described in Section 3-1.06 below.

C. Force Account. Where the City and the Contractor are unable to agree on lump sum pricing and if the City does not elect to utilize the unit prices in Contractor's bid, or such unit prices are not applicable, the changed work will be performed and tracked by the Contractor as Force Account work, as described in Section 3-1.06 below. The City will pay for such work, including markups, properly attributable to the change in accordance with those Force Account provisions.

D. Eliminated Items. The City reserves the right to delete any bid item of Work in its entirety. The City makes no representation that any work under a bid item of Work

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will be performed, and all work may be subject to a Contract Change Order that deletes such work. Bid items are distinct and severable from the other bid items, and the Contractor shall not be entitled to any anticipated profit, unabsorbed Overhead, or other indirect expense attributable to the deleted item, except as provided immediately below with regard to Force Account mark-ups on the direct and verifiable costs incurred prior to the City's order that deletes the work.

Should any bid item of Work be eliminated in its entirety and not accounted for as described immediately above and, in the absence of an executed Contract Change Order covering such elimination, payment will be made to the Contractor for actual direct and verifiable costs incurred in connection with such eliminated bid item if incurred prior to the date of notification in writing by the City of such elimination. If acceptable material is ordered by the Contractor for the eliminated item prior to the date of notification of such elimination by the City, and if orders for such material cannot be canceled, it will be paid for at the actual direct and verifiable cost to the Contractor. Actual direct costs shall include documented vendor shipping fees, Supplier restocking fees, if applicable, and Contractor handling costs directly related to the eliminated item(s). In such case, the material paid for shall become the property of the City and the actual cost of any further handling will be paid for by the City. If the material is returnable to the vendor and if the City so directs, the material shall be returned and the Contractor will be paid for the actual direct cost of charges made by the vendor for returning the material. The actual direct cost of handling returned materials will also be paid for by the City. The actual direct and verifiable costs to be paid by the City as provided herein will be computed in the same manner as if the work were to be paid for on a Force Account basis, including the application of Force Account mark-ups to said costs.

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3-1.06 **FORCE ACCOUNT PAYMENT.** When Work performed pursuant to a

Change Order is to be paid for on a Force Account basis, the Contractor's labor, materials and equipment used in the performance of such Work shall be subject to the approval of the City, and the compensation will be determined as set forth below in this section.

3-1.06A **LABOR.** The Contractor will be paid an amount based on the actual cost for the workers (including foremen when authorized by the Director) used in the actual and direct performance of the Work. All labor costs associated with Overhead, whether field or home office, are specifically excluded herein, as those labor costs are covered by the below mark-ups. The cost of labor, whether the employer is the Contractor, Subcontractor or other forces, shall include employer payments; assessment of benefits required by lawful labor union collective bargaining agreements; compensation insurance payments; contributions made to the State pursuant to the Unemployment Insurance Code; and for taxes paid to the Federal Government pursuant to the Social Security Act of August 14, 1935, as amended. No labor cost will be recognized at a rate in excess of the wages prevailing in the locality at the time the Work is performed, nor will the use of a labor classification, which would increase the cost, be permitted unless the Contractor establishes to the complete satisfaction of the Director the necessity for payment at a higher rate.

3-1.06B **MATERIALS.** Only materials furnished by the Contractor and necessarily used in the performance of the Work will be paid for. Such cost of materials may include the costs of procurement, transportation and delivery if necessarily incurred. If a cash or trade discount by the actual supplier is available to the Contractor, it shall be credited to the City. If materials are procured by the purchaser by any method which is not a direct purchase from and a direct billing by the actual supplier to such purchaser, the cost of such materials shall be deemed to be the price paid to the actual supplier plus the actual costs, if any, incurred in the

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handling of such materials. If the materials are obtained from a supply or source owned wholly or in part by the purchaser, the cost of such materials shall not exceed the price paid by the purchaser for similar materials furnished from said source on Bid items or the current wholesale price for such materials delivered to the job site, less any discounts as provided herein, whichever is lower. If, in the opinion of the Director, the cost of materials is excessive, or if the Contractor fails to furnish satisfactory evidence of the cost to it from the actual supplier within sixty (60) Days after the date of delivery of the materials or within fifteen (15) Days after Acceptance of the Agreement, whichever occurs first, the cost of the materials shall be deemed to be the lowest current wholesale price at which similar materials are available in the quantities required, less any discounts provided herein. The Department reserves the right to furnish such materials required by the Change Order as it deems advisable, and the Contractor shall have no claim for cost or markups on material furnished by the Department.

3-1.06C **EQUIPMENT.** The Contractor will be paid an amount based on the actual cost for the use of equipment directly required and approved by the Director in the performance of the changed Work. No payment will be made for time while equipment is inoperative due to breakdowns or on Days when no Work is performed. In addition, the rental time shall include the time required to move the equipment to the Work from the nearest available source of such equipment, and to return it to the source. If such equipment is not moved by its own power, then loading and transportation costs will be paid. Moving time, loading and transportation costs will only be paid if the equipment is used exclusively on the changed Work during the time between move in and move out. Individual pieces of equipment having a replacement value of One Thousand Dollars ($1000) or less shall be considered to be tools or small equipment, and no payment will be made therefore. For equipment owned,

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furnished, or rented by the Contractor, no cost therefore shall be recognized in excess of the equipment rental rates published by Caltrans at the following website address: http://www.dot.ca.gov/hq/construc/equipmnt.html. Equipment located at a Work Site and utilized on non-Force Account work shall not eligible for standby payment, and shall be charged on a Force Account basis only when solely performing pre-approved Force Account work tasks.

3-1.06D **MARKUPS.** When a Change Order increases the cost of the Work, the Contractor may add the following maximum markups to its actual costs of labor, materials, or equipment rental:

15 percent for labor;

10 percent for materials; and

5 percent for equipment rental.

The above markups include full compensation, covering the costs of all supervision, bonds, profit, Overhead, and other general expenses not specifically designated as a direct cost in Sections 3-1.06A through 3-1.06C above. The total payment (i.e., direct cost plus applicable markups) shall be deemed to be the actual cost of such work and shall constitute full compensation therefor. The Contractor specifically understands and agrees that such payment shall include any Contractor costs for interruption, disruption, and acceleration, extended Overhead, Change Order management, delay or other "impact" claim or "ripple effect" claim.

When work paid for on a Force Account basis is performed by forces other than the Contractor's own forces, the maximum allowable mark-ups for the Subcontractors' costs shall be fifteen percent (15%) for the cost of labor, ten percent (10%) for the cost of materials, and five percent (5%) for the cost of rented equipment. In these situations where the work is being performed by Subcontractors, the Contractor will only be entitled to an additional five percent

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(5%) mark-up and will not be entitled to receive the additional mark-ups specified in this section.

When a Change Order decreases the cost of the Work, the reduction in cost shall include a five percent (5%) markup on the estimated cost for furnishing the labor, materials and equipment, which would have been used on such Work, had the Change Order not been issued.

When a Change Order involves both added Work and deleted Work, the markup or markups to be used shall be as follows:

The actual costs of labor, materials, and equipment rental for added and deleted Work shall be calculated separately without adding markups. If the difference between the calculated costs for labor results in an increased cost, a markup of fifteen percent (15%) shall be applied to the increased cost. If the difference between the calculated costs of materials or equipment rental results in an increased cost, a markup of ten percent (10%) and five percent (5%) respectively, shall be applied to the increased costs of materials or equipment rental, as the case may be. If the difference between the calculated costs for labor, materials or equipment rental results in a decreased cost, a markup of five percent (5%) shall be applied to the decreased costs of labor, materials or equipment rental, as the case may be.

Contractor shall not add mark-ups on work performed and billed by City staff nor add mark-ups to successive iterations of proposed Change Order cost proposals returned to Contractor by the City due to incomplete or inaccurate information being originally submitted by the Contractor. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

3-1.06E **RECORDS.** The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of extra work paid for on a Force Account basis and the costs of other operations.

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From the above records, the Contractor shall furnish the City completed daily extra work reports, on forms acceptable to the City, for each Day's extra work to be paid for on a Force Account basis. The daily extra work reports shall itemize the materials used, and shall cover the direct cost of labor and the charges for equipment rental, whether furnished by the Contractor, Subcontractor, or other forces. The daily extra work reports shall provide names and identifications and classifications of workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment, and hours operated. Daily extra work and Force Account reports (actual or claimed) shall be signed by both the City's and the Contractor's representatives within twenty-four (24) hours of the performance of the work.

Valid copies of vendor's invoices shall substantiate material charges. Such invoices shall be submitted with the daily extra work reports, or if not available, they shall be submitted with subsequent daily extra work reports. Should said vendor's invoices not be submitted within sixty (60) Days after the date of delivery of the material or within fifteen (15) Days after the Acceptance of the Agreement, whichever occurs first, the City reserves the right to establish the cost of such materials at the lowest current wholesale prices at which said materials were available in the quantities, less any discounts.

The City will compare its records with the completed daily extra work reports furnished by the Contractor and make any necessary adjustments. When these daily extra work reports are agreed upon and signed by both parties, said reports shall become the basis of payment for the work performed, but shall not preclude subsequent adjustment based on a later audit by the City.

The Contractor's cost records pertaining to Work paid for on a Force Account basis shall be open to inspection or audit by representatives of the City during the life of the Agreement and for a period of not less than three (3) years after the date of Agreement completion and the

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Contractor shall retain such records for that period. Where payment for materials or labor is based on the cost thereof to forces other than the Contractor, the Contractor shall make every reasonable effort to insure that the cost records of such other forces will be open to inspection and audit by representatives of the City on the same terms and conditions as the cost records of the Contractor. If an audit is to be commenced more than sixty (60) Days after the date of Acceptance of the Agreement, the Contractor will be given fifteen (15) Days' notice of the time when such audit is to begin.

3-1.07 **COST REDUCTION PROPOSALS.** The City encourages the Contractor to submit Cost Reduction Proposals whenever the Contractor identifies areas and/or instances in which there can be savings to the Work. Contractor may submit to the City, in writing, proposals for modifying the plans, Specifications or other requirements of the Agreement for the sole purpose of reducing the total cost of construction, including the time for completion of the Work. The City may consider such Cost Reduction Proposals and, if accepted, the Agreement will be equitably adjusted. The City has no obligation to consider or accept Cost Reduction Proposals.

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SECTION 4

CONTROL OF MATERIALS

4-1.01 **MATERIALS.** The Contractor shall furnish all materials required to complete the Work, except materials that are designated in the Supplemental Conditions to be furnished by the City and materials furnished by the City in accordance with Section 3, "Changes in the Work," of these General Conditions.

Unless otherwise specified in the Supplemental Conditions, materials furnished by the Contractor for incorporation into the Work shall be new. When the quality or kind of materials, articles, or equipment is not particularly indicated, then the quality or kind thereof shall be similar to those that are indicated.

Articles or materials to be incorporated in the Work shall be stored in such a manner as to insure the preservation of their quality and fitness for the Work, and to facilitate inspection.

All materials which do not conform to the requirements of the Contract Documents as determined by the Director, will be rejected whether in place or not. Rejected material shall be removed immediately from the site of the Work, unless otherwise permitted by the Director. No rejected material, the defects of which have been subsequently corrected, shall be used in the Work, unless approval in writing has been given by the Director. Upon failure of the Contractor to comply promptly with any order of the Director made under these provisions, the Director shall have the authority to cause the removal and replacement of rejected material and to deduct the cost thereof from any moneys due or to become due the Contractor.

Manufacturer's warranties, guaranties, instruction sheets and parts lists, which are furnished with certain materials incorporated in the Work, shall be delivered to the Director

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before Acceptance of the Contract.

Unless otherwise designated in the Supplemental Conditions or Specifications, materials furnished by the City will be delivered to the job site. Materials furnished by the City that are designated in the Supplemental Conditions as available at locations other than the job site shall be hauled to the site of the Work by the Contractor at its expense, including any necessary loading and unloading that may be involved.

The Contractor will be held responsible for all materials furnished to it, and shall pay all demurrage and storage charges. City-furnished materials lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the Department for the cost of replacing City-furnished material and such costs may be deducted from any moneys due or to become due the Contractor.

4-1.02 **PRODUCT AND REFERENCE STANDARDS.** When descriptive catalog designations, including manufacturer's name, product brand name, or model number are referred to in the Contract Documents, such designations shall be considered as being those found in industry publications in effect on the day the Notice to Contractors for the Work is dated, except as may be otherwise stated.

When standards or test designations of the Federal Government, trade societies, or trade associations are referred to in the Contract Documents by specific date of issue, these shall be considered as part of the Contract. When such references do not bear a date of issue, the edition in effect on the day the Notice to Contractors for the Work is dated shall be considered as part of the Contract.

4-1.03 **SAMPLING AND TESTING OF MATERIALS.** Unless otherwise specified, all tests shall be performed in accordance with the methods used by the State

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Department of Transportation (Caltrans) and shall be made by the Director or his or her designated representative.

The State Department of Transportation has developed test methods for testing the quality of materials and Work. These test methods are identified by a California Test followed by the serial number. Copies of individual tests are available at the State Department of Transportation Laboratory, Sacramento, California, and will be furnished to interested persons upon request.

Whenever a reference is made in the Supplemental Conditions to a California Test by number, it shall mean the California test in effect on the day the Notice to Contractors for the Work is dated.

Whenever the Supplemental Conditions provide an option between two (2) or more test methods, the Director will determine the test method to be used.

Whenever a Supplemental Condition, manual, or test designation provides for test reports (such as certified mill test reports) from the manufacturer, copies of such reports, identified as to the lot of material, shall be furnished to the Director. The manufacturer's test reports shall supplement the inspection, sampling and testing provisions of this Section 4-1.03 and shall not constitute a waiver of the City's right to inspect. When material which cannot be identified with specific test reports is proposed for use, the Director may at his or her discretion, select random samples from the lot for testing. Testing specimens from the random samples, including those required for retest, shall be prepared in accordance with the referenced Supplemental Conditions and furnished by the Contractor at its expense. The number of such samples and test specimens shall be entirely at the discretion of the Director.

When requested by the Director, the Contractor shall furnish, without charge, samples of

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all material entering into the Work, and no material shall be used prior to approval by the Director, except as provided in Section 4-1.04, "Certificates of Compliance," of these General Conditions.

A. Inspection and Access for Testing. The Contractor shall provide safe access for the Director and his or her inspectors to adequately inspect the quality of Work and conformance with the General and Supplemental Conditions. The Contractor shall provide adequate lighting, ventilation, ladders and other protective facilities as may be necessary for the safe performance of inspections.

The Contractor shall submit samples or specimens of such materials to be furnished or used in the Work as the Director may require. The Contractor shall furnish the Director all necessary labor and facilities for such things as excavation in the compacted fill to depths required to take samples.

Inspections, tests, or favorable review by the Director or others shall not relieve the Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Documents.

Work covered without the favorable review or consent of the Director shall, if required by the Director, be uncovered for examination at the Contractor's expense.

If the Engineer, Architect, or Director considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Director's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Director may require, that portion of the Work in question, furnishing all necessary labor, materials, tools, and equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of

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satisfactory reconstruction. If, however, such Work is not found to be defective and the Work was not covered without favorable review of the Director, the Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to cover its costs directly attributable to such uncovering, exposure, observation, inspection, testing, and reconstruction and an appropriate Change Order shall be issued.

Whenever the Contractor varies the period during which Work is carried on each Day, the Contractor shall give due notice to the Director so that proper inspection may be provided. Any Work done in the absence of the Director may be subject to rejection. Proper facilities for safe access for inspection to all parts of the Work shall at all times be maintained for the necessary use of the Director and other agents of the City. Authorized representatives and agents of the Director shall be permitted access to inspect all Work and materials wherever it is required for preparation of progress reports, and the Contractor shall provide proper facilities for such access and inspection.

It is the Contractor's responsibility to supervise the Work and complete the project in accordance with the Contract Documents. In the course of managing that effort, the Contractor shall generate its own punch lists as deemed necessary. The Director may prepare punch lists for the Director's own use in communicating with the Contractor; however, the Director shall be under no obligation to prepare punch lists for the Contractor. In general, the Director will prepare punch lists only after the Contractor has given the Director written notice that the subject Work is completed and tested in accordance with the Contract Documents and is ready for operation and/or use and/or occupancy. Failure of the Director to include an item in a punch list shall not relieve the Contractor of its duty to satisfactorily complete all Work required by the Contract Documents.

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Upon Final Completion of the construction Work and request by the Contractor, the Director will conduct a final inspection as a basis for recommending to the City that the Work be accepted.

B. Field and Materials Testing. Where the Supplemental Conditions require Work to be specially field tested or approved, it shall be tested only in the presence of the Director after timely notice of its readiness for inspection and test, and the Work after testing shall be covered up only upon the consent thereto of the Director.

The results of any tests made are for the information of the Director. Regardless of any test results, the Contractor is solely responsible for the quality of workmanship and materials and for compliance with the requirements of the Contract Drawings and Supplemental Conditions.

Except as specifically required under the Supplemental Conditions, all tests by the Director of materials furnished by the Contractor will be done in accordance with commonly recognized standards of national organizations. The Contractor shall furnish such samples of all materials as required by the Director without charge. No material shall be used unless it has been favorably reviewed by the Director.

Where such inspection and testing are to be conducted by an independent Laboratory or agency, the sample or samples of materials to be tested shall be selected by such Laboratory or agency, or the Director, and not by the Contractor.

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C. Costs of Testing.

1. Initial Services: The City shall furnish and pay for all initial testing services required by the Contract Documents. When initial tests indicate non-compliance with the Contract Documents, the cost of initial tests associated with that non-compliance will be

deducted by the City from the balance owed the Contractor. The Contractor shall furnish samples of materials for testing as may be required by the Director. Such samples shall be furnished without cost to the City.

2. Retesting: When initial tests indicate non-compliance with the Contract Documents, all subsequent retesting occasioned by the non-compliance shall be performed by the same testing Laboratory and the cost thereof will be deducted by the City from the balance owed the Contractor. Contractor shall be billed for each additional test.

3. Contractor Convenience Testing: Inspection or testing performed exclusively for the Contractor's convenience shall be the sole responsibility of the Contractor.

4. Additional Tests and Inspections: When in the opinion of the Director additional tests or inspections are required because of the manner in which the Contractor executes its Work, such tests and inspections shall be paid for by the City, but will be deducted from the Contract Price. Examples of such tests and inspections are tests of materials substituted for previously accepted materials or substituted for specified materials, retests made necessary by failure of material to comply with the requirements of the Specifications, load tests made necessary because of portions of the structure not fully meeting Specifications or plan requirements, etc.

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4-1.04 **CERTIFICATES OF COMPLIANCE.** A Certificate of Compliance shall be furnished prior to the use of any materials for which the Supplemental Conditions require that such a Certificate be furnished. In addition, the Director may permit the use of certain materials or assemblies prior to sampling and testing if accompanied by a Certificate of Compliance. The Certificate shall be signed by the manufacturer of the material or the manufacturer of assembled materials and shall state that the materials involved comply in all

respects with the requirements of the Supplemental Conditions. A Certificate of Compliance shall be furnished with each lot of such materials delivered to the Work and the lot so certified shall be clearly identified in the Certificate.

All materials used on the basis of a Certificate of Compliance may be sampled and tested at any time. The fact that material is used on the basis of a Certificate of Compliance shall not relieve the Contractor of responsibility for incorporating material in the Work which conforms to the requirements of the Contract Documents and any such material not conforming to such requirements will be subject to rejection whether in place or not.

The Department reserves the right to refuse to permit the use of material on the basis of a Certificate of Compliance.

The form of the Certificate of Compliance and its disposition shall be as directed by the Director.

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SECTION 5

LEGAL RELATIONS AND RESPONSIBILITY

5-1.01 **LAWS TO BE OBSERVED.** The Contractor shall keep informed of and observe, and comply with and cause all of its agents and employees to observe and comply with, all prevailing Federal and State laws, and rules and regulations made pursuant to said Federal and State laws, and county and municipal ordinances, and regulations, which in any way affect the conduct of the Contract. If any conflict arises between provisions of the Contract and any such law above referred to, the Contractor shall notify the Director at once in writing. To the fullest extent allowed by law, the Contractor shall defend, indemnify, and save and hold harmless the City or any of its officers, agents, employees, and volunteers against any claim or liability arising from or based on the violation of any such law, rule, or regulation, whether by itself or its agents or employees.

5-1.02 **HOURS OF LABOR.** Eight (8) hours labor constitutes a legal Day's work. The Contractor or Subcontractor shall, as a penalty to City, forfeit Twenty-five Dollars ($25) for each worker employed in the execution of the contract by the respective Contractor or Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, thereof, inclusive, except that Work performed by employees of Contractors in excess of eight (8) hours per day, and forty (40) hours during any one (1) week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1-1/2) times the basic rate of pay, as provided in said

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Section 1815. In addition, Contractor and/or its Subcontractors may be required to pay double the basic rate of pay for all hours worked in excess of twelve (12) hours in any workday and under other circumstances. (See California Code of Regulations, Title 8, Sections 16100(c)(6) and (16200(a)(3)(F) and applicable Department of Industrial Relations prevailing wage determinations.)

5-1.03 **NONDISCRIMINATION.**

A. Attention is directed to Labor Code Section 1735, which reads as follows:

"A contractor shall not discriminate in the employment of persons upon public works on any basis listed in subdivision (a) of Section 12940 of the Government Code, as those bases are defined in Sections 12926 and 12926.1 of the Government Code, except as otherwise provided in Section 12940 of the Government Code. Every Contractor for public works who violates this section is subject to all the penalties imposed for a violation of this chapter."

B. During the performance of this Contract, Contractor and its Subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status. The Contractor and Subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. The Contractor and Subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Government Code §12900, et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, §7285.0 et seq.) and other applicable State and Federal regulations and City

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policies pertaining to nondiscrimination and affirmative action which are incorporated into this Agreement by reference and made a part hereof as if set forth in full. The Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

C. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform Work under the agreement.

5-1.04 **PREVAILING WAGE.** The Contractor and any Subcontractor shall comply with Labor Code Sections 1770 et seq. In accordance with said Section 1775 the Contractor and any Subcontractor under the Contractor shall, as a penalty, forfeit to the state or City not more than $200 for each calendar day or portion thereof, for each worker paid less than the prevailing rate as determined by the Director of Industrial Relations for the work or craft in which such worker is employed for under the Contract by the Contractor or by any Subcontractor under the Contractor.

The amount of the penalty shall be determined by the Labor Commissioner based on consideration of both of the following: (a) whether the failure to pay the correct rate of per diem wages was a good-faith mistake and, if so, whether the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor; and (b) whether the Contractor or Subcontractor has a prior record of failing to meet its prevailing wage obligations.

The penalty may not be less than forty dollars ($40) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, unless the failure of the Contractor or Subcontractor to pay the correct rate of per diem wages was a good faith mistake and, if so, the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor.

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The penalty may not be less than eighty dollars ($80) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Contractor or Subcontractor has been assessed penalties within the previous three (3) years for failing to meet its prevailing wage obligations on a separate contract, unless those penalties were subsequently withdrawn or overturned.

The penalty may not be less than one hundred twenty dollars ($120) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Labor Commissioner determines that the violation was willful, as defined in subdivision (c) of Section 1777.1 of the Labor Code.

If the amount due under this section is collected from the Contractor or Subcontractor, any outstanding wage claim under Chapter 1 (commencing with Section 1720) of Part 7 of Division 2 of the Labor Code against the Contractor or Subcontractor shall be satisfied before applying that amount to the penalty imposed on that Contractor or Subcontractor pursuant to this section.

The determination of the Labor Commissioner as to the amount of the penalty shall be reviewable only for an abuse of discretion.

In addition to said penalty, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by the Contractor or Subcontractor.

If a worker employed by a Subcontractor on a public works project is not paid the general prevailing per diem wages by the Subcontractor, the Contractor is not liable for any penalties described above unless the Contractor had knowledge of that failure of the Subcontractor to pay

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the specified prevailing rate of wages to those workers or unless the Contractor fails to comply with all of the following requirements:

1. The contract executed between the Contractor and the Subcontractor for the performance of work on the public works project shall include a copy of the provisions of Sections 1771, 1776, 177.5, 1813, and 1815 of the Labor Code.
2. The Contractor shall monitor the payment of the specified general prevailing rate of per diem wages by the Subcontractor to the employees, by periodic review of the certified payroll records of the Subcontractor.
3. Upon become aware of the Subcontractor's failure to pay its workers the specified prevailing rate of wages, the Contractor shall diligently take corrective action to halt or rectify the failure, including, but not limited to, retaining sufficient funds due the Subcontractor for work performed on the public works project.
4. Prior to making final payment to the Subcontractor for work performed on the public works project, the Contractor shall obtain an affidavit signed under penalty of perjury from the Subcontractor that the Subcontractor has paid the specified general prevailing rate of per diem wages to its employees on the public works project and any amount due pursuant to 1813 of the Labor Code.

Pursuant to Section 1775 of the Labor Code, the Division of Labor Standards Enforcement shall notify the Contractor on a public works project within fifteen (15) Days of the receipt by the Division of Labor Standards Enforcement of a complaint of the failure of a Subcontractor on that public works project to pay workers the general prevailing rate per diem wages.

Pursuant to the provisions of California Labor Code Section 1773, the City has obtained

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the general prevailing rate of wages applicable to the categories of workers the City anticipates will be utilized for this project for straight time, overtime, Saturday, Sunday, and holiday Work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned or, if no collective bargaining applies, those holidays identified in Government Code Section 6700. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm, which is incorporated herein as a part of this Contract.

Pursuant to Labor Code Section 1773.2, the general prevailing wage rates set forth above, which forms a part of this Contract, shall be posted by the Contractor at a prominent place at the site of the Work.

Pursuant to Labor Code Section 1773.6 and California Code of Regulations Section 16204, Title 8, changes in general prevailing wage determinations shall apply to the project only if issued by the Director of Industrial Relations prior to the City's bid issuance date.

The City will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the Contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its Bid, and will not under any circumstances be considered as the basis of a claim against the City or Contract.

When both California and Federal prevailing wage rates apply, the Contractor and any Subcontractors shall pay their workers the higher of the two rates. The Contractor and any Subcontractors shall insert this clause in any lower tier contract.

5-1.05 **REGISTRATION REQUIRED AS QUALIFICATION TO BID.**

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Pursuant to Labor Code Section 1771.1(b), notice is hereby given that a Contractor or Subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contractor for public work, as defined in Labor Code Sections 1720, et seq., unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. It is not a violation of Labor Code Section 1771.1 for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5.

5-1.06 **PAYROLL RECORDS.** The Contractor's attention is directed to the following provisions of Labor Code Section 1776. The Contractor shall be responsible for the compliance with these provisions by its Subcontractors.

A. The Contractor and each Subcontractor shall keep accurate and current payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by it in connection with the public work. Each payroll record shall contain or be verified by a written declaration that is made under penalty of perjury, stating both of the following:

1. The information contained in the payroll record is true and correct.

2. The employer has complied with the requirements of Section 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

B. The payroll records enumerated under subdivision (A) shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following

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basis:

1. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his or her authorized representative on request.

2. A certified copy of all payroll records enumerated in subdivision (A) shall be made available for inspection or furnished upon request to a representative of the City, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations. The City reserves the right to withhold any progress payments to the Contractor in the event of noncompliance with the subsection.

3. A certified copy of all payroll records enumerated in subdivision (A) shall be made available upon request by the public for inspection or for copies thereof. However, a request by the public shall be made through either the City, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. The public shall not be given access to such records at the principal office of the Contractor.

C. The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the Division.

D. Each Contractor shall file a certified copy of the records enumerated in subdivision (A) with the entity that requested the records within ten (10) Days after receipt of a written request.

E. Any copy of the records made available for inspection as copies and furnished upon request to the public or any public agency by the City, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or

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obliterated to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor awarded the Contract or Subcontractor performing the Contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a joint labor-management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) shall be marked or obliterated only to prevent the disclosure of an individual's name and social security number. A joint labor-management committee may maintain an action in a court of competent jurisdiction against an employer who fails to comply with Section 1774. The court may award restitution to an employee for unpaid wages and may award the joint labor-management committee reasonable attorneys' fees and costs incurred in maintaining the action. An action under this subdivision may not be based on the employer's misclassification of the craft of a worker on its certified payroll records. Nothing in this subdivision limits any other available remedies for a violation of this section.

F. The Contractor shall inform the City of the location of the records enumerated under subdivision (A), including the street address, city and county, and shall, within five (5) business days, provide a notice of a change of location and address.

G. The Contractor shall have ten (10) Days in which to comply subsequent to receipt of written notice requesting the records enumerated in subdivision (A). In the event that the Contractor or Subcontractor fails to comply within the ten (10) Day period, the Contractor shall, as a penalty to the State or City, forfeit twenty-five ($25) Dollars for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, these penalties shall be withheld from any progress payment or final payment then due. A contractor

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is not subject to a penalty assessment pursuant to this section due to the failure of a Subcontractor to comply with this section.

5-1.07 **SAFETY REQUIREMENTS.** It is the intent of the parties that the City is not an exposing, creating, controlling, or correcting employer under California Labor Code Section 6400. In accordance with generally accepted construction practices and State law, the Contractor shall have the authority and be solely and completely responsible for conditions on the Work Site, including safety of all persons and property during performance of the Work. Moreover, the Contractor shall be the controlling employer and has the authority and responsibility to enforce Work Site safety. The Contractor shall be responsible for conducting daily safety inspections and assuring all hazards and violations are abated. The Contractor is responsible for assuring that all Subcontractors adhere to the minimum Cal/OSHA safety requirements and that each Subcontractor has an effective Cal/OSHA IIPP (Illness and Injury Prevention Program) in place that specifically addresses all potential exposures, such as, but not limited to, fall protection, confined space, and trenching/shoring. These requirements shall apply continuously and not be limited to normal working hours. The Contractor shall be responsible for any delay costs or damages in the event the progress of Work is slowed or stopped due to a safety violation.

The Contractor shall designate a safety officer and have in place a health and safety plan in accordance with the laws of State of California and conduct safety meetings and document them in accordance with the law. The Contractor shall have the safety record available for inspection during working hours and shall submit job site safety meeting reports with each Application for Payment.

Prior to Contractor commencing construction project work on City property, Contractor

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shall make available copies of its Health and Safety Plan (HASP) that meets or exceeds applicable Cal/OSHA regulations. The Contractor's HASP shall also meet or exceed the requirements of any applicable City-wide or departmental specific Injury and Illness Prevention Programs (IIPP) and other HASP programs, procedures, and plans. Potentially applicable HASP programs, procedures, and plans include, but are not limited to, the following:

1. Bloodborne Pathogens Exposure Control Plan;
2. Confined Space Entry Procedure;
3. Electrical Safety Program (Lockout/Tagout);
4. Emergency Action Plans (Site Specific);
5. Fire Prevention Plans (Site Specific);
6. Hazardous Waste Operations Emergency Response Plan (or Equivalent);
7. Hazard Communication Program (SDS's and Right-to-Know training);
8. Heat Illness & Prevention Plan;
9. Hearing Conservation Program;
10. Hot Work/Welding Procedure;
11. Job Hazard Analyses/Standard Operating Procedures;
12. Traffic Control & Flagging;
13. Excavation/Dig Safe Procedure;
14. Fall Protection Plan;
15. Personal Protective Equipment Plan;
16. Respirable Crystalline Silica Exposure Control Plan;
17. Respirator Program;
18. Soils Management Plan (for contaminated soils); and

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19. Transite (Asbestos) Pipe Work Procedure.

Additionally, Contractor shall be responsible for complying with all City-wide and departmental specific safety requirements as identified in the Supplemental Conditions or presented at a pre-construction meeting.

Contractor shall inform City in advance of the quantity of chemical(s) to be used for the project and the total quantity of chemical(s) that will be brought onto City property. In addition, Contractor shall provide City with one copy of the Safety Data Sheet (SDS) for each chemical expected to be used to complete the project and for each chemical brought to the Work Site, regardless of whether such chemicals are ultimately used for the project.

The services of the Director in conducting construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's Work methods, equipment, bracing or scaffolding, or safety measures, in, on, or near the construction site. If a City employee observes a safety violation, the City employee will report the violation to the Contractor who is then responsible for assuring the violation is abated.

The Contractor is hereby informed that Work on this project could be hazardous. The Contractor shall carefully instruct all personnel working in potentially hazardous Work areas as to potential dangers and shall provide such necessary safety equipment and instructions as are necessary to prevent injury to personnel and damage to property. Special care shall be exercised relative to Work underground.

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All Work and materials shall be in strict accordance with all applicable State, City, County, and Federal Rules, Regulations, and Codes, and attention is drawn to the requirements of Cal/OSHA. The Contractor shall be solely responsible for compliance with all City, County and State blasting requirements and for any damages caused by its operations.

To ensure compliance with California Labor Code Section 6705, the Contractor shall submit to the City, at least five (5) Days in advance of excavation of any trench five feet (5') or more in depth, Working Drawings to the Director showing the design of shoring, bracing, sloping and other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such Working Drawings vary from the shoring system standards established by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared and signed by a registered civil or structural engineer in the State of California. This in no way relieves the Contractor from the requirement of maintaining safety in all operations performed by the Contractor or the Contractor's Subcontractors and nothing in this section shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety Contractor's Working Drawings shall be subject to approval insofar as the details affect the character of the finished Work and for compliance with design requirements applicable to the construction when specified or called for, but details of the design will be left to Contractor who shall be responsible for the successful construction of the Work. The City shall approve Working Drawings before any Work involving such drawings is performed. Approval and/or acceptance by the City or its designated agent only constitutes acknowledgment of the submission and does not constitute review or approval of the designs, design assumptions or criteria, completeness of submissions, applicability to areas of intended use, nor implementation of the plans, which are solely the responsibility of the Contractor and its registered engineer.

The Contractor shall perform its Work as not to expose personnel to, or to discharge into the atmosphere from any source whatever, smoke, dust, asbestos, toxic chemicals or other air

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contaminants in violation of the laws, rules, and regulations of the governmental entities having jurisdiction and shall bear full and exclusive responsibility for any release of hazardous or non-hazardous chemicals or substances during the course of the Work. The Contractor shall immediately report any such release to the City. The Contractor shall be solely responsible for all claims and expenses associated with the response to, removal and remediation of the release, including, without limitation, payment of any fines or penalties levied against the City by any agency as a result of such release and shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any claims arising from such release. For purposes of this section only, the term "claims" shall include:

1. All notices, orders, directives, administrative or judicial proceedings, fines, penalties, fees, or charges imposed by any governmental agency with jurisdiction; and

2. Any claim, cause of action, or administrative or judicial proceeding brought against the City, its officers, agents, employees, and volunteers for any loss, cost (including reasonable attorneys' fees), damage or liability, sustained or suffered by any person or entity, including the City.

If the performance of the Work creates any hazardous wastes, those wastes shall be properly disposed of according to federal, state, and local laws, at the expense of the Contractor. The Contractor shall dispose of the wastes under its own EPA Generator Number. In no event shall the City be identified as the generator. The Contractor shall notify the City of any such hazardous wastes and the City reserves the right to a copy of the results of any tests conducted on the wastes, and, at its cost, to perform additional tests or examine those wastes, prior to disposition. The Contractor shall defend, indemnify, and save and hold harmless the City, its

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officers, agents, employees, and volunteers from any claims arising from the disposal of the hazardous wastes, regardless of the absence of negligence or other malfeasance by the Contractor. Disposal of all Hazardous Materials must be done in accordance with all laws and regulations. Copies of required regulatory documentation including copies of final manifests shall be supplied to the City.

Contractors or Subcontractors removing one hundred or more square feet (100') of asbestos must be "Certified" in accordance with State law. All Work involving exposure to asbestos and all other hazardous materials shall be performed with protection of personnel in compliance with all applicable regulations and safety requirements including, but not limited to, California Code of Regulations Section 1529, Title 8.

Nothing in these General Conditions is to be construed to permit Work not conforming to governing codes. When Contract Documents differ from governing codes, the Contractor shall furnish and Install the higher standards called for without extra charge.

5-1.08 **SUBSURFACE EXCAVATIONS, NOTIFICATION.** The Contractor shall contact the regional notification center, "Underground Service Alert," and schedule its Work to allow ample time for the center to notify its members and, if necessary, for any member to field locate and mark its facilities. Without limiting the foregoing, the Contractor's attention is directed to Government Code Sections 4216 to 4216.9, and in particular Section 4216.2.

5-1.09 **PUBLIC SAFETY.** The Contractor shall assume all responsibility for public safety during the performance of its Work, and all costs arising therefrom shall be included in the Contract Price. Whenever the Contractor's operations create a condition hazardous to traffic or to the public, it shall furnish, erect and maintain, at its expense, such fences, barricades, lights, signs, and other devices and take such other protective measures as are

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necessary to prevent accidents or damage or injury to the public. The Contractor shall establish the pedestrian detours with comparable lighting to the original pedestrian areas. The Contractor shall arrange for such flaggers as are necessary to give adequate warning to traffic or to the public of any dangerous conditions affecting traffic. For Work in a public right-of-way, the Contractor shall comply with the rules and regulations of the State, County, or local agency that owns the right-of-way.

The Contractor shall promptly and fully comply with and carry out, and shall without separate charge therefor to the City, all safety and first aid requirements prescribed by all applicable Federal, State, and local laws and regulations, rules, and orders. The Work shall be done in a safe manner; and the Contractor shall safeguard the safety and health of its employees, Subcontractors, and the people of local communities. The Contractor shall also be reasonable for ensuring that its Subcontractors comply with the provisions of this section.

Upon the failure of the Contractor to comply with any of the requirements of this section, the City shall have the authority, but not the duty, to stop the Work until such failure is remedied. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price due to any such suspensions.

When required by the Contract Documents, the Contractor shall construct, maintain, and remove detours for use of public traffic without additional cost to the City, unless separate payment is specified in the Special Provisions.

The failure or refusal of the Contractor to construct and maintain detours at the proper time shall be sufficient cause for closing down the work until such detours are in satisfactory condition for use by public traffic.

Due care shall be exercised to avoid injury to existing improvements or facilities, utility

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facilities, adjacent property and trees, shrubs, and other plants that are not to be removed.

Trees, shrubs and other plants that are not to be removed, and pole lines, fences, signs, survey markers and monuments, buildings and structures, conduits, pipe lines, sewer and waterlines, highway facilities, and any other improvements or facilities, under or above ground, that are within or adjacent to the work limit line shall be protected from injury or damage, and the Contractor shall provide and Install suitable safeguards to protect such objects from injury or damage. If such objects are injured or damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense. The facilities shall be replaced or restored to a condition as good as when the Contractor entered upon the Work Site, or as good as required by the Contract Documents if any such objects are part of the Work. The City may make or cause to be made such temporary repairs as are necessary to restore to service any damaged facility. The cost of such repairs shall be borne by the Contractor, and the costs may be deducted from any monies due or to become due to the Contractor under the Agreement.

The fact that any underground facilities is not shown on the Contract Drawings shall not relieve the Contractor of its responsibility pursuant to "Utility Facilities" in Section 2-1.12 elsewhere in the Contract Documents. It shall be the Contractor's responsibility, pursuant thereto, to ascertain the location of such underground improvements or facilities, which may be subject to damage by reason of its operations.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the Work involved in protecting or repairing property as specified in this section, shall be considered as included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefor.

5-1.10 **EMERGENCIES.** In an Emergency affecting the safety of life, the

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Work, or adjoining property, the Contractor, without special instructions or authorization from the City, shall act at its discretion to prevent such threatened loss or injury. In such an Emergency, the Contractor may perform such additional work as is reasonably required. Any compensation claimed by the Contractor on account of Work performed to an Emergency shall be determined in accordance with the provisions relating to Force Account payment contained elsewhere in the Contract Documents.

5-1.11 **APPRENTICES.** Attention is directed to Labor Code Sections 1777.5, 1777.6 and 1777.7 and Title 8, California Code of Regulations Section 200 et seq. In accordance with Section 1777.5, the Contractor shall secure the necessary certificates and shall contribute to the apprenticeship fund or funds, a provided therein. The Contractor shall require each Subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work to fully comply with Sections 1777.5 and 1777.6 of the Labor Code. To insure compliance and complete understanding of the law regarding apprentices, and specifically the required ratio thereunder, each Contractor or Subcontractor should, where some questions exist, contact the Division of Apprenticeship Standards, , or one of its branch offices prior to commencement of Work on the public works Contract. Responsibility for compliance with this section lies with the prime Contractor.

It is State and City policy to encourage the employment and training of apprentices on public works Contracts as may be permitted under local apprenticeship standards.

5-1.12 **FAIR LABOR STANDARDS ACT.** Attention is invited to the fact that the City has been advised by the Wage and Hour Division, U.S. Department of Labor, that Contractors engaged in construction Work are required to meet the provisions of the Fair Labor Standards Act of 1958 and as amended (52 Stat. 1060).

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5-1.13 **WORKERS' COMPENSATION.** Pursuant to the requirements of Labor Code Section 1860, the Contractor will be required to secure the payment of workers' compensation to its employees in accordance with the provisions of Labor Code Section 3700.

Prior to the commencement of Work, the Contractor shall sign and file with the Director a certification in the following form:

> "I am aware of the provisions of Labor Code Section 3700 which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract."

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any air pollution control rules, regulations, ordinances and statues, specified in Government Code Section 11017.

In the absence of any applicable air pollution control rules, regulations, ordinances or statutes governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the project shall comply with the applicable material requirements of the applicable Air Quality Management District. All containers of solvent, paint, thinner, curing compound, or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.

Unless otherwise provided in the Supplemental Conditions, material to be disposed of shall not be burned, either inside or outside the Premises.

The Contractor shall also comply with all rules, regulations, statutes and ordinances

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regarding asbestos removal and disposal, including but not limited to, 42 U.S.C. Sections 7401, 7412 and 7601, 40 C.F.R. Part 61, Subpart M, and California Code of Regulations Section 1529, Title 8.

If the Contractor discovers that a building to be demolished or renovated contains asbestos containing material, the Contractor shall immediately cease Work and notify the City.

5-1.15 **USE OF PESTICIDES.** The Contractor shall comply with all local, state and federal rules and regulations of the Department of Food and Agriculture, the Department of Health, the Department of Industrial Relations and all other agencies which govern the use of pesticides required in the performance of the Work.

Pesticides shall include but shall not be limited to herbicides, insecticides, fungicides, rodenticides, germicides, nematocides, bactericides, inhibitors, fumigants, defoliants, desiccants, soil sterilants, and repellents.

Any substance or mixture of substances intended for preventing, repelling, mitigating, or destroying weed, insects, diseases, rodents, or nematodes and any substance or mixture of substances intended for use as a plant regulator, defoliant or desiccant shall be considered as pesticide.

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5-1.16 **SOUND AND LIGHT CONTROL REQUIREMENTS.** The Contractor shall comply with all local sound control, light control, and noise level rules, regulations and ordinances which apply to any Work performed pursuant to the Contract. Work shall not begin before 7 a.m. nor occur after 7 p.m., unless otherwise permitted by the City.

Each internal combustion engine, used for any purpose on the Work or related to the Work, shall be equipped with a muffler, in good working order, of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said

muffler.

5-1.17 **WEIGHT LIMITATIONS.** Unless expressly permitted elsewhere in the Contract Documents, the Contractor shall not operate construction equipment or vehicles of any kind which, laden or unladen, exceed the maximum weight limits set forth in Division 15 of the Vehicle Code over completed or existing base, surfacing, pavement or structures.

5-1.18 **ENVIRONMENTAL CLEARANCES; MITIGATION MONITORING PROGRAMS; AND REGULATORY AGENCY PERMIT REQUIREMENTS.** The Department will obtain all environmental clearances and other authorizations necessary for this project as set forth in the Contract Documents. The Contractor shall comply with the provisions, including giving notices during construction when required, of said authorizations. In the event the obtaining of said authorizations delays completion of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

Contractor shall comply with: (1) all mitigation identified in the mitigation monitoring program (attached to and adopted as a component of the mitigated negative declaration or Environmental Impact Report) to mitigate impacts to protected natural resources; and (2) all related permit requirements issued by the regulatory agencies authorizing the project. Contractor shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any fines, claims, suits, actions or regulatory sanctions of every name, kind and description brought forth, or on account of, damage to protected natural resources from or arising out of Contractor's negligence or willful misconduct in the performance of this Agreement.

5-1.19 **PERMITS AND LICENSES.** The Contractor acknowledges and agrees that, prior to the submission of its bid for the Work, it fully familiarized itself with the

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requirements of all applicable federal, state, county and municipal laws, codes, rules, and regulations, as well as the conditions of any required licenses and permits.

The Contractor shall procure all permits and licenses, including any applicable building permits (except those procured or to be procured by the City which are listed elsewhere in the Contract Documents), in coordination with the Director, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the Work. Contractor shall be responsible for applying, paying all fees, and coordination for obtaining all permits for completion of the Work. All permits and licenses shall be obtained in sufficient time to prevent delays to the Work. Contractor will apply to the City for reimbursement for such permits costs. Accordingly, Contractor should not include the anticipated costs for permits in its bid, as the necessary permit costs will be reimbursed by the City.

The California Environmental Quality Act (Public Resources Code, Section 21000 to 21177) may be applicable to permits, licenses and other authorizations which the Contractor must obtain from State or local agencies in connection with performing the Work. The Contractor shall comply with the provisions of that Act in obtaining such permits, licenses and other authorizations, and all permits, licenses and other authorizations shall be obtained in sufficient time to prevent delays to the Work.

The Contractor shall maintain the applicable Contractor's license as identified in the Notice to Contractors and City business license for the duration of the Work.

5-1.20 **WATER POLLUTION.** The Contractor shall comply with all water pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any water pollution control rules, regulations, and statutes, specified by the most current State of California NPDES General Permit for Stormwater

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Discharges Associated with Construction Activity.

The Contractor shall take all necessary precaution to protect streams, vernal pools, ponds, reservoirs, and lakes from pollution with fuels, oils, bitumen, calcium chloride, and other harmful materials as consistent with the law. Also, the Contractor shall conduct and schedule operations so as to avoid discharging pollutants, such as but not limited to: sediment and silt to the storm drain system. The storm drain system consists of all facilities that are designed to convey stormwater to the Waters of the State as defined in the California Water Code. The storm drain system includes, but is not limited to, all streets, gutters, drain inlets, roadside ditches, streams, vernal pools, ponds, and lakes. Care shall be exercised to preserve roadside vegetation beyond the limits of construction.

5-1.21 **PROTECTION AND USE OF PROPERTY.** The Contractor shall be responsible for and provide and maintain all proper temporary walkways, covered walkways, barriers, roads, guards, railings, lights, warning signs, and take precaution at all times to avoid injury or damage to any person or any property, and upon completion of the Work, or at other times as directed, restore Premises and adjacent property to a proper condition. In the event of such injury or damage, Contractor shall report such injury and damage to City within forty-eight (48) hours of occurrence.

The Contractor shall protect adjoining property and nearby buildings, including City buildings, City roads, and public streets or roads, from dust, dirt, debris, or the nuisance arising out of the Contractor's operations or storage practices, and, if ordered by the Director, the Contractor shall provide and Install suitable safeguards, approved by the Director, to protect such objects from damage. If such objects are damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense.

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If the Contractor damages any buildings, roads, utilities, or other property which belong to the City, or any Department or agency thereof, then the Director, at his or her option, may retain from the money due under the Contract an amount sufficient to insure repair of the damage.

The Director may make or cause to be made such temporary repairs as are necessary to restore to service any such damaged facility. The cost of such repairs shall be borne by the Contractor and may be deducted from any moneys due or to become due the Contractor under the Contract.

5-1.22 **RESPONSIBILITY FOR DAMAGE AND INDEMNIFICATION.**

The City of Roseville, its officers, agents, employees, and volunteers, including but not limited to the Director and his or her designee, shall not be answerable or accountable in any manner: for any loss or damage that may happen to the Work or any part thereof; for any loss or damage to any of the materials or other things used or employed in performing the Work; for injury to or death of any person, either workers or the public; or for damage to property from any cause which might have been prevented by the Contractor, its workers, or anyone employed by the Contractor or the Contractor's Subcontractors.

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The Contractor shall be responsible for any liability imposed by law and for injuries to, or death of, any person including, but not limited to, workers and the public, or damage to property resulting from defects or obstructions, or from any cause whatsoever during the progress of the Work or at any time before its completion and final Acceptance.

To the fullest extent allowed by law, the Contractor shall defend (through counsel acceptable to the City), indemnify, and save and hold harmless the City, and its respective officers, agents, Subcontractors, employees, and volunteers, and the successors and assigns of

any of them, (hereinafter referred to as "Indemnitees") from and against all claims, demands, liability, suits, actions, costs or expenses for any and all loss or damage, including but not limited to, personal injury, property damage, or economic loss, arising out of or resulting from allegations of (1) Contractor's use of the City's property or any activities or Work performed hereunder by the Contractor; (2) the Contractor's performance of the Work under the Agreement; or (3) the Contractor's breach of any provision of the Agreement. The duty of the Contractor to indemnify and save harmless includes the duties to defend as set forth in Civil Code Section 2778. The only exception to these provisions is that the Contractor's obligations under this section will not apply to the extent that the claims, demands, liability, suits, actions, costs or expenses are caused by Indemnitees' active negligence, willful misconduct, criminal acts, or for defects in design furnished by the Indemnitees, misconduct, criminal acts, or for defects in design furnished by the Indemnitees.

The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

The Contractor's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Contract for the full period of time allowed by law. The defense and indemnity obligations of this Contract are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Contract. The parties intend that the defense and indemnity obligations in this Contract shall be broadly construed.

Any person, firm or corporation that Contractor authorizes to Work on the City's property including Subcontractors, shall be deemed to be an agent of the Contractor for purposes herein, shall be subject to all the applicable terms herein, and shall be within the scope of the Contractor's indemnity obligation described herein.

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In addition to any remedy authorized by law, so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the Department may be retained by the City until disposition has been made of such suits or claims for damages.

The retention of money due the Contractor shall be subject to the following:

A. The City will give the Contractor thirty (30) Days' notice of its intention to retain funds from any partial payment which may become due to the Contractor prior to Acceptance of the Contract. Retention of funds from any payment made after Acceptance of the Contract may be made without such prior notice to the Contractor.

B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 7-1.07, "Progress Payments," of these General Conditions.

C. If the City has retained funds and it is subsequently determined that the City is not entitled to be indemnified and saved harmless by the Contractor in connection with matter for which such retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

5-1.23 **INSURANCE COVERAGE.**

A. Evidence of Maintenance Required. The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall

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provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B. Qualifying Insurers. With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C. Insurance Required.

1. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations with limits of no less than Two Million Dollars ($2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars ($1,000,000) and limits of no less than Five Million Dollars ($5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars ($1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

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The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL

Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. Automobile Liability: Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and Code 9

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(non-owned), with limits of no less than One Million Dollars ($1,000,000) per accident for bodily injury and property damage.

3. Workers' Compensation: In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars ($1,000,000) shall cover all Contractors staff while performing any work incidental to the performance or this Agreement.

4. Professional Liability: Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars ($1,000,000) per occurrence or claim and Two Million Dollars ($2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. Builder's Risk/Course of Construction Insurance (If Required by Risk Management): The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards

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including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. Pollution Coverage: Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or pollutants, in limits not less than Two Million Dollars ($2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies.

7. Higher Coverage Limits: If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. Claims Made Coverage: Liability insurance coverage may not be written on a “claims made” or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an “occurrence” basis.

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5-1.24 **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract. Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by City in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these

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same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars ($500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured

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retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.

5-1.25 **THIRD PARTY BENEFICIARY.** No provisions in the Contract Documents shall in any way inure to the benefit any third party (including the public at large or any member thereof) so as to constitute such person a third party beneficiary of the Contract, or of any term or condition or other provision of the Contract or otherwise give rise to any cause of action in any person not a party to the Agreement, except as expressly provided elsewhere in the Contract Documents.

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5-1.26 **COORDINATION AND ACCESS.** The Contractor acknowledges that the City may award, or has already awarded, other construction contracts for additional work or may perform additional work with its own forces and that such work may affect the Work under this Agreement. Additionally, the Contractor acknowledges that the State and other public and private agencies may be granted a right-of-entry by the City for the purpose of constructing

facilities within and adjacent to the Work Site. It is the obligation of the Contractor to coordinate its Work with the work of others working within or adjacent to the City's property.

During performance of its Work, the Contractor shall not have exclusive access to or use of the work areas. The City may also require that certain facilities and areas be used concurrently by the Contractor and by other contractors working in the area. When two (2) or more contractors are employed on related or adjacent City work, each shall conduct its operations in such a manner as not to cause any unnecessary delay or hindrance to the other. Each contractor shall be responsible to the other for all damage to any work, to persons or property caused to the other by its operations, and for loss caused the other due to any unnecessary delays or failure to finish the work within the time specified for completion.

If any party of the Contractor's Work depends on the work of any other contractor and/or the City for proper execution and/or results, the Contractor shall promptly notify the City of any discrepancies and/or defects in said other work that would render its work unsuitable for proper execution and/or results prior to proceeding with the Contractor's own Work. If it becomes necessary, the City will resolve coordination and access problems.

The Contractor and its representative in charge of the Work shall familiarize themselves with the City's property and Work Site, and adjacent surroundings in the vicinity of said Wok, and any private or public operations on adjoining properties.

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5-1.27 **OCCUPANCY BY THE DEPARTMENT PRIOR TO ACCEPTANCE.** The City may at any time notify the Contractor in writing that it intends to take Beneficial Occupancy of any portion of the Work even though the Work may not be substantially complete. Unless the reason for the City's taking Beneficial Occupancy is that the Contractor has not completed the Work (or portions thereof) in accordance with the Contract

Time, the City's Beneficial Occupancy shall relieve the Contractor from its responsibility for maintenance, loss or damage to that portion of the Work for which the City has taken Beneficial Occupancy other than that resulting from the Contractor's act or omission, negligence, willful misconduct or breach of warranty.

Should the Work (or portion thereof) not be completed in accordance with the Construction Schedule within the Contract Time (as adjusted under the terms of the Contract Documents), the City shall have the right, but not the obligation, to take Beneficial Occupancy of the Work. In such event, the Contractor shall not be entitled to any additional compensation on account of said occupancy by the City, nor shall the Contractor be relieved of any of its responsibilities under the Contract Documents, including, without limitation, Contractor's obligation to complete the Work in accordance with the Construction Schedule.

Beneficial Occupancy shall not be deemed an Acceptance by the City either of the Work or of any portion thereof, nor will it relieve the Contractor of full responsibility for correcting defective Work or materials found at any time before the formal written Acceptance of the entire Contract by the Director or during the full warranty period after such Acceptance, as provided in Section 7-1.12, "Warranty," of these General Conditions.

The City's Beneficial Occupancy shall not relieve the Contractor of its responsibility to maintain all insurance and bonds required under the Contract Documents until the entire project is accepted by the City.

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5-1.28 **RIGHT TO OPERATE UNSATISFACTORY FACILITIES AND EQUIPMENT.** If, after Installation, the operation or use of the facilities or equipment to be furnished under this Contract proves to be unsatisfactory to the Director, the City shall have the right to operate and use such facilities or equipment until they can, without damage to the City,

be taken out of service for correction or replacement. Such period of use of the defective facilities or equipment, pending correction or replacement, shall in no way decrease the warranty period required for the acceptable corrected or replaced facilities or equipment.

5-1.29 **CONTRACTOR'S RESPONSIBILITY FOR THE WORK.** Except as otherwise provided herein, the Contractor shall have the charge and care of the Work and shall bear the risk of injury or damage to any part of the Work by the action of the elements or from any other cause whether arising from the execution or from the nonexecution of the Work until the Acceptance of the Contract by the Director. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the Work occasioned by any cause before its completion and Acceptance, and shall bear the expense thereof. In case of suspension of Work from any cause whatever, the Contractor shall be responsible for the Work and it shall also be responsible for all materials, and shall properly store them if necessary, and shall provide suitable drainage and erect temporary structures where necessary.

The Contractor will be relieved of responsibility for any injury or damage to the Work caused by the following:

A. An earthquake in excess of a magnitude of 3.5 on the Richter Scale or a tidal wave, when the effect of such has been proclaimed a disaster or state of emergency by the Governor of the State of California or by the President of the United States, or was of such magnitude at the site of the Work as to have been sufficient to have caused a proclamation of disaster or state of emergency, had it occurred in a populated area.

B. Occupancy and use by the Department or the public prior to the completion of the entire project.

C. Acts of the Federal Government or the public enemy.

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5-1.30 **RESPONSIBILITY FOR UTILITIES.** The Contractor shall be responsible at its own cost for any and all Work, expense or special precautions caused or required by the existence or proximity of utilities encountered in performing the Work, including without limitation, repair of any or all damage and all hand or exploratory excavation required. The Contractor is cautioned that such utilities may include communication cables or electrical cables which may be high voltage, and when working or excavating in the vicinity of such cables, or the ducts enclosing such cables, the Contractor shall undertake at its own cost any special precautions required. Suitable warning signs, barricades, and safety devices shall be erected as necessary or required.

However, if during the course of the Work the Contractor encounters utility installations which are not shown or indicated in the Contract Documents or which are found in a location substantially different from that shown, and such utilities are not reasonably apparent from visual examination, then the Contractor shall promptly notify the Director in writing. Where necessary for the Work of the Contract, the Director shall issue a written order to the Contractor to make such adjustments, rearrangement, repair, removal, alteration, or special handling of such utility, including repair of the damaged utility. The Contractor shall perform the Work described in such written order, and compensation therefor will be made in accordance with Section 3 of these General Conditions relating to changes in the Work. Except for the items of cost specified in said Section 3, the Contractor shall receive no compensation for any other cost, damage, delay, interference, or hindrance to him or her due to the presence of such utility. If the Contractor fails to give the notice specified above and thereafter acts without instructions for the Director, then the Contractor shall be liable for any or subsequent to discovery thereof, and the Contractor shall repair and make good such damage at its own cost.

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The precise location of underground facilities can only be determined by careful probing or hand digging in compliance with Article 6 of the Cal/OSHA Construction Safety Orders which states in part:

> "Prior to opening an excavation, effort shall be made to determine whether underground installations, i.e., sewer, water, fuel, electric lines, etc., will be encountered, and if so, where such underground installations are located. When the excavation approaches the approximate location of such an installation, the exact location shall be determined by careful probing or hand digging, and, when it is uncovered, adequate protection shall be provided for the existing installation."

The location of known existing utilities and pipelines are shown on the Contract Drawings in their approximate locations. Some of the locations include multiple conduits. The Contractor shall exercise care in avoiding damage to those facilities which are to remain in service subsequent to the construction of the particular new facility involved and the Contractor will be held responsible for any repairs if damaged. The Contractor shall also exercise care in maintaining those pipes and facilities required for continuing operation of the existing facilities until such time as they can be abandoned. There is no guarantee that all utilities or obstructions are shown on the Contract Drawings or that the locations indicated are accurate.

The Contractor shall exercise extreme caution in working in the area adjacent to the existing pipelines and utility services. It is essential that all the existing facilities be maintained in service. Construction of the connections between the existing facilities and the new facilities shall be at times and during periods acceptable to the City. The Contractor shall advise the Director in writing of its proposed Construction Schedule for these connections at least forty-eight (48) hours in advance.

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The Contractor shall uncover all piping and conduits, to a point one foot (1') below the pipe, where crossings, interferences, or connections are shown on the Contract Drawings, prior to trenching or excavating for any pipe or structures, to determine actual elevations. New pipelines shall be laid to such grade as to clear all existing facilities which are to remain in service. If the Contractor does not expose all required utilities, it shall not be entitled to additional compensation for Work necessary to avoid interferences nor for repair to damaged utilities. Excavations around underground electrical ducts and conduits shall be performed using extreme caution to prevent injury or damage to workers and to the electrical ducts or conduits.

5-1.31 **PROPERTY RIGHTS IN MATERIALS.** Nothing in the Contract shall be construed as vesting in the Contractor any right of property in the materials used after they have been attached or affixed to the Work or soil or after partial payment has been made as provided in Section 7-1.07, "Progress Payments," of these General Conditions for material delivered on the ground or stored subject to or under the control of the City and unused. All such material shall become the property of the City upon being so attached or affixed or upon payment for materials delivered on the ground or stored subject to or under the control of the City and unused, as provided in said Section 7-1.07.

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5-1.32 **COURT ORDERED DELAY.** If, pursuant to court order, the Department temporarily suspends performance of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

5-1.33 **NO PERSONAL LIABILITY.** Neither the Director, nor any other officer or authorized employee of the City, shall be personally responsible for any liability arising under or by virtue of the Contract.

5-1.34 **RIGHTS IN LAND AND IMPROVEMENTS.** The Contractor shall make no arrangements with any person or entity to permit occupancy or use of any land, structure or building within the limits of the Work, for any purpose whatsoever, either with or without compensation, in conflict with any agreement between the City and any third party owner, former owner, or tenant of such land, structure or buildings. The Contractor shall not occupy City-owned property outside the limit of the Work shown on the Contract Drawings unless it obtains prior approval.

5-1.35 **ANTITRUST CLAIMS.** The Contractor's attention is directed to the following provision of Public Contract Code Section 7103.5(b), which is applicable to the Contractor and its Subcontractors:

> " In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the contractor, without further acknowledgement by the parties."

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5-1.36 **RIGHTS TO DRAWINGS, TECHNICAL DATA PATENTS.** Shop

Drawings and Working Drawings submitted to the City by the Contractor, Subcontractor or any lower tier Subcontractor pursuant to the Agreement, are the property of the City and the City may use, and disclose in any manner and for any purpose, Shop Drawings and Working Drawings delivered under the Contract.

Technical Data including manuals or instructional materials, computer or microprocessor software which are delivered or submitted to the City by the Contractor, Subcontractor, or any lower tier Subcontract pursuant to the Contract are the property of the City, and the City may use or disclose same in any manner and for any purpose.

The Contractor shall assume all costs arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the Work, and shall defend, indemnify and save and hold harmless the City, and its duly authorized representatives, from all suits at law, or in equity, and actions of every nature for, or on account of the use of any patented materials, equipment, devices or processes. In case some materials, equipment, devices or processes are held to constitute an infringement and their use enjoined, the Contractor, at its expense, shall:

1. Secure for the City the right to continue using said materials, equipment, devices or processes by suspension of the injunction or by procuring a license or licenses; or
2. Replace such materials, equipment, devices, processes; or
3. Modify them so that they become non-infringing or remove the enjoined materials, equipment, devices or processes and refund the sums paid therefor without prejudice to any other rights of the City.

5-1.37 **PAYMENT OF TAXES.** Contractor shall pay all taxes and duties applicable to and assessable against any Work, equipment, materials, services, processes, and

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operations incidental to or involved in the Agreement, including but not limited to, retail sales and use, transportation, export, import, business, and special taxes. The Contractor is responsible for ascertaining and acquainting itself with such taxes and making all necessary arrangements to pay them. The Contractor will maintain records that are auditable records, and these records shall be subject to the City's review to verify that Contractor's tax payments are current at all times.

The Contract Price paid for the Work shall include full compensation for all taxes which the Contractor is required to pay, whether imposed by Federal, State or local government, including, without being limited to, Federal excise tax. No tax exemption certificate nor any document designed to exempt the Contractor from payment of any tax will be furnished to the Contractor by the Department, as to any tax on labor, services, materials, transportation, or any other items furnished pursuant to the Contract.

The Contractor shall withhold and pay any and all sales and use taxes, withholding taxes, whether Federal, State, or local, Social Security taxes, State Unemployment Insurance charges and all other taxes which are now or hereafter may be required to be paid or withheld under any laws.

5-1.38 **GRATUITIES AND CONFLICT OF INTEREST.** The Contractor shall not offer or provide gratuities in the form of gifts, entertainment, loans, meals, rewards, and/or services to representatives of the City, including but not limited to, officers, employees, agents, Engineering Service Consultants, Consulting Engineers and Architects, Inspectors and/or Testing Agencies retained by the City. If it is found that the Contractor has violated this provision, the Contract may be subject to termination for default as defined elsewhere in these General Conditions.

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During the term of the Contract and until the final payment has been made to the Contractor, the Contractor shall not employ or compensate in any manner whatsoever, the City's officers, employees and authorized representatives, agents, and any Engineering Service Consultants, Consulting Engineers and Architects, Inspectors, and/or Testing Agencies retained by the City. Any exception to the employment or compensation to any of the above named parties must be made in writing by the City. If the Contractor offers or provides employment or compensation to those named above during the term of the Contract, the Contract may be subject to termination for default.

5-1.39 **COOPERATION.** Should construction be under way by City forces or other forces or by other Contractors within or adjacent to the limits of the Work or should Work of any other nature be under way by such forces within or adjacent to said limits, the Contractor shall cooperate with all such forces to the end that any delay, interference or hindrance to their Work will be avoided. The right is reserved to perform other or additional Work at or near the site at any time, by the use of such forces.

5-1.40 **DIGGING TRENCHES OR OTHER EXCAVATIONS.** In the event any work involves digging trenches or other excavations that extend deeper than four feet (4') below the surface, City and Contractor shall comply with the following:

A. The Contractor shall promptly, and before the following conditions are disturbed, notify City in writing of any:

1. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

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2. Subsurface or latent physical conditions at the site differing from those made available to Contractor for inspection as provided in the project proposal.

3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract.

B. The City shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work shall issue a Change Order under the procedures described in the Contract.

C. In the event that a dispute arises between the City and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties. However, no claim of the Contractor under this clause shall be allowed unless the Contractor has given the notice required by this Section. No claim by the Contractor for an equitable adjustment hereunder shall be allowed if asserted after final payment under this Contract.

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5-1.41 **CONTRACTOR REGISTRATION.** No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Contract, the Contractor and its subcontractors shall have a continuing legal obligation to maintain current

registration with the Department of Industrial Relations. The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

5-1.42 **CITY OF ROSEVILLE ENCROACHMENT PERMITS AND RIGHTS-OF-WAY.** The Contractor need not obtain a separate encroachment permit from the City prior to construction within street rights-of-way or other City rights-of-way. Execution of the Contract by the City shall be deemed an encroachment permit for work required by the Contract within rights-of-way. All work shall conform to the rules and regulations of encroachment permits and shall be subject to the inspection and approval of the Director and City Engineer.

To the extent indicated in the Contract Drawings, the City will provide the rights-of-way over private lands or the site to enable the Contractor to perform its work. The Contractor shall be solely responsible for securing any additional rights-of-way desired by the Contractor. The City will not be a party to nor assume any liability for any separate agreements reached between the Contractor and any third parties with respect to these additional rights-of-way. The Contractor shall procure evidence that agreements are in place with said third parties before the Contractor uses those areas covered by the agreements. Any damage to such private lands caused by the Contractor's operations shall be the sole responsibility of the Contractor.

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SECTION 6

PROSECUTION AND PROGRESS

6-1.01 **SUBLETTING AND SUBCONTRACTING.** The Contractor shall be responsible for all Work performed under the Contract. The Contractor shall give its personal attention to the fulfillment of the Contract and shall keep the Work under its control. Nothing in the Contract Documents shall create any contractual relationship between the City and any Subcontractor. The Contractor is fully responsible to the City for the acts and omissions of its Subcontractors of any tier. When any Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the Director, that Subcontractor shall not again be employed on the Work. Although the sections of the Contract may be arranged according to various trades, or general grouping of the Work, the Contractor is not obligated to sublet the Work in such manner. The Director will not arbitrate disputes among Subcontractors or between Contractor and one or more Subcontractors concerning responsibility for performing any part of the Work.

The on-site production of materials produced by other than the Contractor's own forces shall be considered as subcontracted. The erection, establishment or reopening of on-site plants for production of materials and the operation thereof in the production of materials for use on the Work shall conform to the requirements relating to labor set forth in the Contract Documents.

The Contractor shall also be responsible for coordinating the Work performed by Subcontractors and Suppliers.

The Contractor shall not substitute any person as Subcontractor in place of a Subcontractor listed on its bid proposal without the written approval of the Director. Substitutions must be in accordance with the provisions of the "Subletting and Subcontracting

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Fair Practices Act" beginning with Public Contract Code Section 4100. Violations of this Act by the Contractor may subject it to penalties which may include cancellation of Contract, Assessment of ten percent (10%) of the Subcontractor's bid, and disciplinary action by the Contractors State License Board.

The Contractor shall pay any Subcontractors approved by the City for work that has been satisfactorily performed no later than seven (7) Days from the date of Contractor's receipt of progress payments by the City. Within seven (7) Days after receipt from the City of funds attributable to work performed by a Subcontractor, Contractor shall release any retainage payments withheld to the Subcontractor. In the event Contractor does not make progress payments or release retention to Subcontractors in accordance with the time period specified herein, Contractor may be subject to prompt payment penalties per statute.

6-1.02 **ASSIGNMENT.** The performance of this Contract may not be assigned, except upon the written consent of the City Council of the City of Roseville. Consent will not be given to any proposed assignment which would relieve the original Contractor or its surety of their responsibilities under the Contract nor will the City consent to any assignment of a part of the Work under the Contract.

The Contractor may assign moneys due or to become due to it under the Contract and such assignment will be recognized by the City, if given proper notice thereof, to the extent permitted by law, but any assignment of moneys shall be subject to all proper set-offs in favor of the City and to all deductions provided for in the Contract and particularly all money withheld, whether assigned or not, shall be subject to being used by the City for the completion of the Work in the event that the Contractor should be in default therein.

6-1.03 **BEGINNING OF WORK.** After the execution of the Contract by both

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parties, the City will issue the Notice to Proceed upon its determination that it is appropriate for the Contract Time to commence.

The Contractor shall begin Work within fifteen (15) Days after receiving the Notice to Proceed from the Director, subject to the requirements stated elsewhere in the Contract Documents regarding, among other things, the submittal of Baseline Schedule, and shall diligently prosecute the same to completion within the time limit provided in the Supplemental Conditions. Contractor shall also achieve any and all Contract milestones as described elsewhere in the Contract Documents.

The Contractor shall notify the Director, in writing, of its intent to begin Work at least seventy-two (72) hours before Work is begun. The notice shall be delivered to the Director and shall specify the date the Contractor intends to start. If the project has more than one (1) location of Work, a separate notice shall be given for each location.

The Contractor is not authorized to perform any Work until it has received a Notice to Proceed from the City. Should the Contractor begin Work in advance of receiving notice that the Contract has been approved as above provided, any Work performed by it in advance of the said date of approval shall be considered as having been done by the Contractor at its own risk and as a volunteer unless said Contract is so approved thereafter.

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6-1.04 **PROGRESS SCHEDULE.**

A. Preliminary Progress Schedule. The Contractor shall submit to the Director, within twenty (20) Days after date of the Notice to Proceed, a Preliminary Progress Schedule covering the Contractor's activities over the first three (3) months of operation in detail and the remainder of the project in summary. The Preliminary Progress Schedule shall schedule the project within the Contract Time for completion of the Work, and shall be subject to

favorable review by the Director.

B. CPM Schedule. The Contractor shall submit an acceptable Critical Path Method (CPM) Schedule to the Director within thirty (30) Days after the receipt of the Notice to Proceed. Subsequent revisions to said schedule shall be submitted as set forth hereinafter. The requirement for the CPM schedule is included to allow for adequate planning and execution of the Work, to determine the critical nature of delays, and to assist the Director in appraising the reasonableness of the proposed schedule and evaluating progress of the Work. The CPM schedule submitted under this Section shall utilize a CPM format, either the precedence or arrow diagramming method. The definitions of CPM terms and functions shall be as provided in the Associated General Contractors of America book *CPM in Construction, A Manual for General Contractors*, or a favorably reviewed alternative publication or reference. No progress payment will be made prior to submission and acceptance of the CPM Schedule.

1. The CPM schedule system shall consist of diagrams and accompanying mathematical analyses. The diagrams shall show elements of the project in detail and an entire project summary. Diagrams shall show the order and interdependence of activities and sequence in which the Work is to be accomplished as planned by the Contractor. The basic concept of a network analysis diagram shall be followed to show how the start of a given activity is dependent on the completion of preceding activities and its completion restricts the start of following activities. Detailed network activities shall include, in addition to construction activities, the submittal and favorable review of samples of material and Shop Drawings, the procurement of critical materials and equipment, fabrication of special material and equipment, and their Installation and testing. All activities of the City and the Director that affect progress and required Contract dates for completion of all or parts of the Work shall be shown. The

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selection and number of activities shall be subject to favorable review by the Director. Summary networks shall be time scaled. Durations shall be in Days and shall not exceed fifteen (15) Days, except for submittal and delivery items. Where the duration of continuous Work exceeds fifteen (15) Days, Work items in the Construction Schedule shall be subdivided by location, approximate stationing or other sub-element of the Work.

The graphic network diagram shall include for each activity, the description, activity number, the estimated duration in Days, and all activity relationship lines. The network diagram shall be drawn for the early start of activities. All significant Submittals shall be scheduled along with manual Submittals and training on all large or critical pieces of equipment. If the precedence technique is utilized, the schedule project shall include a calendar in Work Days, a network report sorted by early start and a logic table report sorted by preceding Work item. If the arrow technique is utilized, the schedule report shall include a calendar in Work Days, a network report sorted by early start, a network report sorted by I-J numbers, and a network sorted by slack time and I-J numbers.

2. The critical path shall be shown on all reports and on the graphic network diagram. The activities which constitute the critical path shall be identified.

3. The mathematical analysis of the network diagram shall include a tabulation of each activity. The following information shall be furnished as a minimum for each activity:

(a) preceding and following event numbers

(b) activity description and number

(c) estimated duration of activities

(d) earliest start date (by calendar date)

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(e) earliest finish date (by calendar date)

(f) actual start date (by calendar date)

(g) actual finish date (by calendar date)

(h) latest start date (by calendar date)

(i) latest finish date (by calendar date)

(j) slack or float

(k) percentage of activity completed

4. The program shall be capable of accepting revised completion dates as modified by approved time adjustments and recomputations of all tabulation dates and float accordingly.

5. Submission and review of the system shall be as follows:

(a) The complete network analysis system, consisting of the detailed network mathematical analysis and network diagrams, shall be submitted within thirty (30) Days after receipt of the Notice to Proceed.

(b) The Contractor shall participate in a review and evaluation of the proposed network diagrams and analysis by the Director. Any revisions necessary as a result of this review shall be resubmitted for review by the Director within ten (10) Days. When completed, the favorably reviewed schedule shall then be the schedule to be used by the Contractor for planning, organizing and directing the Work and for reporting progress. If the Contractor thereafter desires to make significant changes in its method of operating and scheduling, the Contractor shall notify the Director in writing stating the reasons for the change.

(c) The Contractor shall submit at monthly intervals a report of the actual construction progress. Each monthly report shall cover a period of approximately thirty

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(30) Days ending around the 20th of each month. The monthly reports shall be submitted within ten (10) Days of the end of the reporting period.

(1) If the project is proceeding on schedule, the monthly update report may consist of a marked-up copy of the graphical network diagram. This submittal shall clearly indicate the status of any minor shifts in sequence or schedule and the estimated completion date or percent complete of all activities currently in progress. The Contract completion date shall also be indicated. The Contractor shall submit a narrative report relating to status of construction, the schedule, and factors which may affect the remainder of the schedule. The report shall show the activities or portions of activities completed during the reporting period. The report shall state the percentage of the Work actually completed and scheduled as of the report date and the progress along the critical path in terms of Days ahead or behind the allowable dates.

(2) If, in the opinion of the Director, the project is behind schedule, the monthly report shall include a revised network diagram and/or mathematical analysis showing the Contractor's proposed revised schedule. An analysis of the effect that the delay has on progress along other paths shall also be included in the report. The Contractor shall also submit a narrative report with each updated analysis which shall include but not to be limited to a description of current and anticipated problem areas, delaying factors and their impact, and an explanation of corrective actions taken or proposed.

(3) Periodic report shall be submitted in sufficient copies to cover Contractor needs plus five (5) copies and an available electronic copy to be retained by the Director.

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6. To the extent that the favorably reviewed initial Construction Schedule, or revisions thereto, indicate anything not jointly agreed upon, it shall be deemed to be not favorably reviewed by the Director. Any omission of Work from the detailed schedule, otherwise required for Contract compliance, will not excuse the Contractor from completing such Work within any applicable completion date. The CPM schedule shall be generated by computer methods.

C. Schedule Review. Once each month, on a date mutually agreed upon, but no later than seven (7) business days after the monthly schedule progress report date, a Work Site meeting will be held to review the Construction Schedule and job progress. The Contractor shall also attend weekly meetings scheduled by the Director to review the progress of the Work in the preceding week and in the subsequent week, coordinate the Work with public agencies or other Contractors as required, and allow the Director to plan his or her activities for testing, inspection, etc.

D. Schedule Revisions. The conditions under which the Director will require revisions of the Construction Schedule include the following:

1. When delay in completion of any Work item or sequence of Work items results in an estimated extension of project completion by either twenty (20) business days or by ten percent (10%) of the remaining duration of time to complete the Contract, whichever is less.

2. When delays in Submittals or deliveries make replanning or rescheduling of the Work necessary.

3. When the schedule does not represent actual prosecution and progress of the Work.

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4. When any change to the sequence of activities, the completion date for major portions of the Work, or when changes occur which affect the critical path.

5. When Contract Amendments or a Change Order necessitates schedule revision, the Contractor shall submit a schedule analysis of all Change Order Work with its proposal.

E. Cash Flow Projection. A cash flow projection shall be submitted with the Construction Schedule. This cash flow projection shall be revised and resubmitted when revisions of the Construction Schedule will result in changes to the projected cash flow.

F. Schedules showing project completion dates earlier than specified in the Supplemental Conditions will be rejected unless justification can be provided for early completion.

6-1.05 **SCHEDULE OF VALUES.** Prior to preparation of the first estimate for a progress payment, the Contractor shall submit for favorable review by the Director a detailed Schedule of Values or cost breakdown of the Work under each bid item awarded. The breakdown will then become the basis for partial payment determination. Elements of Work shall be grouped by structure, pipeline, system, etc. Within each grouping, Work should be itemized by readily measurable quantities of Work complete in place. For example, concrete should be in units of cubic yards including form Work and reinforcing steel. Move-on costs, bond and insurance costs, and Overhead costs shall not be considered an item of cost for this purpose but shall be prorated over items of Work. In the event the Schedule of Values is not favorable reviewed by the Director, another Schedule of Values shall be submitted that is mutually acceptable to the Contractor and the Director.

6-1.06 **CITY'S RIGHT TO STOP WORK.** The Director shall have the

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authority to order the Contractor, in writing, to suspend the Work wholly or in part, for such period as the Director may deem necessary due to the failure on the part of the Contractor to correct Work that is not in accordance with the requirements of the Contract Documents or if Contractor persistently fails to carry out Work in accordance with the Contract Documents.

The Contractor shall immediately comply with the written order of the Director to suspend the Work wholly or in part. The suspended Work shall be resumed when conditions are favorable and methods are corrected, as ordered or approved in writing by the Director.

Any stoppage of work under this section shall be at the Contractor's sole expense, and the Contractor shall have no claim against the City based on the Contractor's failure to perform the Work in accordance with the Contract Documents.

In addition to the City's right to stop Work, the City may order the Contractor to submit to the City at no additional cost to the City, additional information concerning Contractor's planned Work if the Contractor fails to promptly correct Work that is not in accordance with the requirements of the Contract Documents or persistently fails to carry out Work in accordance with the Contract Documents. The additional information ordered by the City may include, but is not limited to, preparation of Submittals or Working Drawings not otherwise required to be submitted under the Contract Documents.

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In the event the City discovers that the Contractor has created an unsafe condition the City may arrange for other work forces to remedy the condition. Such remedial work shall be at the sole discretion of the City. If this action is required, the City may unilaterally terminate Work under the Contract, and will pay only for the quantities of Work actually performed, less the cost of the City's remedial Work. In the event that Work is not halted, the Contractor must take immediate steps to correct the situation. There will be no extra payment for Work required

to correct unsafe conditions.

The right of the City to suspend the Work shall not give rise to a duty on the part of the City to exercise this right for the benefit of the Contractor or any other person or entity. This right shall be in addition to and not in restriction or derogation of the City's other rights under the Contract Documents.

In the event of a suspension of Work under any of the conditions set forth in this Section 6-1.06, such suspension of Work shall not relieve the Contractor of its legal responsibilities as set forth in these General Conditions.

6-1.07 **TIME OF COMPLETION.** The Contractor shall complete the entire Work, including Installation, repairs, startup, troubleshooting, painting, and touchup, training, submittal or record drawings, and manuals, cleanup, demobilization, and all other Work within the number of Days set forth in the Supplemental Conditions. The time for completion includes an allowance for working time lost due to normal inclement weather.

Extensions of time may be allowed for unusual inclement weather under the provisions hereinafter described. Unusual inclement weather is weather which adversely affects "controlling" operations or the critical path of construction and which meets one of the following criteria:

A. For the particular calendar month in question, the number of individual Days with rainfall exceeding 0.10 inches exceeds the average number of such Days for that month over the immediately preceding five (5) years of record by at least three (3) Days.

B. For the particular calendar month in question, the total cumulative rainfall for that month exceeds the average cumulative rainfall for that month over the immediately preceding five (5) years of record by at least two inches (2").

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Rainfall shall be measured at a publicly operated, maintained, and reported station in reasonable proximity to the construction site. A claim for delay shall indicate the period of rainfall which is claimed as "unusual," the specific dates during which the unusual rainfall and subsequent wet soil conditions prevented Work, and the specific critical path tasks adversely affected by such unusual weather. A claim for delay due to unusual inclement weather shall be filed within ten (10) Days of the apparent end of the unusual inclement rainfall period, whether or not the monthly totals are available at that time. The burden of proof that weather meets the criteria for unusual weather shall be solely the responsibility of the Contractor.

It is the responsibility of the Contractor to order materials required for the Work properly and promptly on a Notice to Proceed. If evidence presented demonstrates that, in spite of the Contractor's efforts, government-established priorities controls delay material deliveries, suitable extension of time will be made.

If performance of extra Work ordered by the City or failure of the City to provide the necessary site for Installation affects construction tasks which are "controlling" or which are on the "critical path" of the Construction Schedule, suitable extensions of time will be made.

The Contractor shall not be entitled to a time extension for delays in activities on non-critical paths of the favorably reviewed schedule unless the duration of the excusable delay exceeds the total float of the activities being delayed. If the duration of an excusable delay does exceed the total float of the activities affected by the delay, the Contractor shall be entitled to an extension equal to the difference.

C. Determination that a day is a non-working day by reason of inclement weather or conditions resulting immediately therefrom, shall be made by the Director.

6-1.08 **LIQUIDATED DAMAGES.** It is agreed by the parties to the Contract

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that in case all the Work called for under the Contract in all parts and requirements is not completed within the number of Days as set forth in the Supplemental Conditions, damage will be sustained by the City and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is therefore agreed that the Contractor will pay to the City, the monetary amount indicated in the Supplemental Conditions in dollars (U.S.) per day for each and every calendar day of delay in completing the Work in excess of the number of Days prescribed and the number of additional calendar days, if any, authorized by Contract Change Order; and the Contractor agrees to pay said Liquidated Damages herein provided for, and further agrees that the City may deduct the amount thereof from any moneys due or that may become due the Contractor under the Contract.

It is further agreed that in case the Work is not finished and completed in all parts and requirements within the number of Days specified, the City shall have the right to increase the number of Days or not, as it may deem best to serve the interest of the City, and if it decides to increase the said number of Days, it shall further have the right to charge to the Contractor, its heirs, assigns or sureties and to deduct from the final payment for the Work all of any part, as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other Overhead expenses which are directly chargeable to the Contract, and which accrue during the period of such extension, except that cost of preparation of final statement shall not be included in such charges.

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6-1.09 **DELAYS AND EXTENSIONS TO THE WORK.** The Contractor must complete all Work within the time specified in the Agreement. The Contractor will be granted an extension of time and will not be assessed with liquidated damages or the cost of engineering

and inspection for any delay in substantially completing the Work (or parts thereof) beyond the time set forth in the Agreement, provided that such delay was caused by unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include acts of public enemy, fire, floods, abnormal weather (as described below), earthquakes, epidemics, quarantine restrictions, strikes, labor disputes and freight embargoes, fire, changes made pursuant to the provisions of "Changes in the Work" under Section 3 of these General Conditions or acts or neglect of the City not contemplated by the Contract Documents. In all cases, any extension of time is conditioned on the following:

1. That the cause is not due to the fault or negligence of the Contractor, and the Contractor has taken reasonable precautions to prevent and minimize the effects thereof; and

2. That the Contractor notifies the Director in writing within three (3) Days from the beginning of such delay specifying the nature of the delay and the measures that have been or will be taken to prevent or minimize the delay. Failure to submit written notice within this time period shall constitute an absolute waiver of any claim for a time extension.

No extension of time will be granted for a delay caused by a shortage of materials, unless the Contractor furnishes to the City documentary proof that it has diligently made every effort to obtain such materials from all known sources within reasonable reach of the work and further proof, as acceptable to the Director, that the inability to obtain such materials when originally planned did in fact cause a delay in Final Completion of the entire Work which could not be compensated for by revising the sequence of the Contractor's operations. Only the physical shortage of material will be considered as a cause for extension of time, and no consideration

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will be given to any claim that material could not be obtained at a reasonable, practical or economical cost or price, unless it is shown to the satisfaction of the City that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and the usual practices in obtaining such quantities.

No extension of time will be granted for a delay caused by Contractor's staff turnovers, understaffing or insufficient quantity of qualified staff able to perform the necessary work.

The term "shortage of materials," as used in this section, shall apply only to materials, articles, parts or equipment which are standard items and shall not apply to materials, parts, articles or equipment which are processed, made, constructed, fabricated or manufactured to meet the specific requirements of the Contract Documents.

No extensions of time will be granted for delays that have no measureable impact on the completion of the Work (or parts thereof) under the Contract Documents. When extensions of time are granted, they will be limited to the period equivalent to the actual number of Days lost on the critical path or controlling operations of the Construction Schedule, taking into account the extent to which that delay could be decreased by reasonable mitigation measures by the Contractor. All requests for extensions of time must be supported with a critical path analysis showing the critical path and impacts to it. Contractor's failure to submit this analysis will be sufficient cause for denial of any request for a time extension.

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Within a reasonable period of time after the Contractor submits the notice and information required by this section, the City will determine whether an extension of time is justified and, if so, the number of days for the extension.

Abnormal weather may be a valid basis for a time extension under the Agreement. "Abnormal Weather" occurs when the number of days of rain above 0.5 inches in a 24 hour

period exceeds the average for such rainfall in a particular month as determined by the National Weather Service. The Contractor will only be entitled to, at most, a time extension for the number of days of rain exceeding the average for that month in the locale where the Work is to be performed. If delays are caused by the Contractor or those for whom the Contractor is responsible, the Contractor will only be entitled to, at most, a time extension for the number of rain days exceeding the average for the month when the Work should have been performed.

In addition, before a time extension may be granted for abnormal weather, the Contractor must establish that the rain either significantly impacted at least sixty percent (60%) of the planned work of the controlling operations for a particular day or prohibited at least five (5) hours of work on the controlling operations planned for that day. Contractor shall employ reasonably methods to mitigate the impact of abnormal weather (i.e., dewatering, protection of site, etc.) The occurrence of rain during non-work hours or having minimal impact to work on the controlling operation shall not constitute a day of abnormal weather.

In the event that the project experiences favorable weather for a particular month (e.g., the number of actual rain days in a month less than that indicated above for allowable rain days per months), the additional float resulting from such favorable weather shall accrue to the project.

Any Contractor claim for damages or additional compensation based on delay shall be limited to only those circumstances where the Contractor has fulfilled each of the following three (3) requirements:

1. Contractor has established its entitlement to a time extension pursuant to the provisions described above regarding delay and extensions to the Work.
2. The delay was caused solely by the City's issuance of changes made pursuant to the

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provisions of "Changes in the Work" under Section 3 of these General Conditions or by acts or neglect of the City.

3. The delay was unreasonable under the circumstances and not within the contemplation of the parties.

It is expressly understood and agreed that delays caused by the City will be non-compensable when there are concurrent delays caused by the Contractor. Also, the Contractor shall have no entitlement to additional compensation for any delay where there have been concurrent delays caused by non-compensable delays, including, but not limited to, fire, floods, earthquakes, epidemics, quarantine restrictions, strikes, labor disputes, and freight embargoes.

Contractor's damages and/or additional compensation for delays will consist solely of the extended costs of maintaining the Contractor's Work Site presence. The Contractor will not be entitled to any extended home office overhead.

Compensation for idle time of equipment will be determined in the same manner as determinations are made for equipment used in the performance of extra work paid for on a Force Account basis with the following exceptions:

1. The time for which compensation will be paid will be the actual normal working hours during which such delay conditions exists, but in no case will exceed eight (8) hours in any one day.
2. The days for which compensation will be paid will be each calendar day of the work week (defined elsewhere in the Contract Documents) and Legal Holidays, during the existence of such delay, except that when rental of the equipment is paid for under the provisions in Section 3-1.06C, "Force Account Payment – Equipment," of these General Conditions, no payment will be made for delays in accordance with the

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provisions of this section.

Actual loss shall be understood to include no items of expense other than idle time of personnel, cost of extra moving of equipment, and cost of longer hauls. Compensation for idle time of equipment will be determined as provided in this section and compensation for idle time of personnel will be determined pursuant to Section 3-1.06A, "Force Account Payment – Labor," of these General Conditions. No markup will be added in either case for Overhead and profit. The cost of extra moving of equipment and the cost of longer hauls will be paid for as extra work as provided pursuant to "Changes to the Work" elsewhere in the Contract Documents.

6-1.10 **TERMINATION.**

6-1.10A **TERMINATION OF AGREEMENT – CONVENIENCE OF CITY.** The Department reserves the right to terminate the Contract at any time and for any reason if the Director determines that to do so would be in the best interest of the City. Any termination which is not based on the circumstances set forth in Section 6-1.10B below shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of Work under the Contract is terminated, and the date upon which such termination becomes effective.

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Upon the Contractor's receipt of a written Notice of Termination for convenience, the Contractor shall cease Work as to those portions of the project so terminated and shall undertake the steps outlined in Section 6-1.10B below.

1. Acceptance of the Contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:

   a. The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Section 7-1.07, "Progress

Payments," of these General Conditions and for materials furnished by the City for use in the Work and unused shall terminate when the Director certifies that such materials have been stored in the manner and at the locations he or she has directed.

b. The Contractor's responsibility for damage to materials purchased by the City subsequent to the issuance of the notice that the Contract is to be terminated shall terminate when title and delivery of such materials has been taken by the City.

c. When the Director determines that the Contractor has completed the Work under the Contract directed to be completed prior to termination and such other Work as may have been ordered to secure the project for termination, the Contractor will recommend that the City formally accept the Work, and immediately upon and after such Acceptance by the City, the Contractor will not be required to perform any further Work thereon and shall be relieved of its contractual responsibilities for injury to persons or damage to property which occurs after the formal Acceptance of the project by the City.

2. The total compensation to be paid to the Contractor shall be determined by the Director on the basis of the following:

a. The reasonable cost to the Contractor, without profit, for all Work performed under the Contract, including mobilization, demobilization and Work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project Overhead and general

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administrative Overhead not to exceed a total of seven percent (7%) of Direct Costs of such Work.

b. A reasonable allowance for profit on the cost of the Work performed as determined under subsection (a), provided the Contractor establishes to the satisfaction of the Director that it is reasonably probable that it would have made a profit had the Contract be completed and provided further, that the profit allowed shall in no event exceed four percent (4%) of said cost.

c. The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the Department or otherwise disposed of as directed by the Director.

d. A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the Contract.

All records of the Contractor and the Contractor's Subcontractors, necessary to determine compensation in accordance with this Section, shall be open to inspection or audit by representatives of the Department at all times after issuance of the notice that the Contract is to be terminated and for a period of three (3) years, and such records shall be retained for that period.

After Acceptance of the Work by the Director, the Director may make payments on the basis of interim estimates pending issuance of the Final Statement, when in his or her opinion the amount thus paid, together with all amounts previously paid or allowed, will not result in total compensation in excess of that to which the Contractor will be entitled. All payments, including payment upon the Final Statement, shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the Contract.

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In the event that the City terminates this Contract under Section 6-1.10B below and it is determined for any reason that there was not sufficient cause to do so, the City's termination automatically will convert to a termination for convenience under this section and the terms and conditions outlined in this section automatically will be applied to effectuate the Contract termination. Thus, damages to which a Contractor may be entitled as a result of an improper default termination will be limited to the amounts provided for in this section.

The provisions of this section shall be included in all subcontracts.

6-1.10B **TERMINATION OF AGREEMENT - FOR CAUSE.** An "Event of Default" as referred to in this section shall occur if the Contractor:

1. Fails to maintain progress of the Work in accordance with the requirements of the Contract Documents; or
2. Fails to prosecute the Work or any of its components in accordance with the Contract Documents; or
3. Persistently or repeatedly fails or refuses to supply sufficient properly skilled workers or proper material to permit the performance of the Work in accordance with the Contract Documents; or
4. Fails to make prompt payment to Subcontractors or Suppliers in accordance with the respective agreements between the Contractor and the Subcontractor and Contractor and Supplier; or
5. Fails to comply with applicable laws, ordinances or rules, regulations or orders of a public authority having jurisdiction over the Work; or
6. Abandons, assigns or sublets the Contract without approval of the City; or
7. Becomes bankrupt or is subject to appointment of a receiver on behalf of the

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Contractor; or

8. Otherwise is guilty of a substantial breach of a provision of the Contract Documents.

Upon the City's reasonable belief that there has been an Event of Default by the Contractor, the City may elect to give the Contractor written notice thereof. The Contractor thereafter shall cure the default as soon as possible and in no event after ten (10) Days from the Contractor's receipt of the City's written notice.

If the Contractor does not timely cure its default, the City may, without waiver of any of its other rights and remedies, elect to terminate the Contract, or portion thereof.

Upon the City's election to terminate the Contract, or portion thereof, the City shall have the right to complete the Work, or portion involved, by whatever means and methods it deems expedient, including the hiring of others on such terms as the City deems advisable. The City shall have the right to take possession of the Contractor's materials, plant, tools, equipment and property of any kind provided by or on behalf of the Contractor for the purpose of the Work, or a portion of them, without being responsible to the Contractor for wear and tear. The Contractor shall have no rights in such property during its use by the City. The City shall not be required to obtain the lowest prices for completing the Work or a portion of it but shall make such expenditures as, in the City's sole judgment, best accomplish such completion.

The expense of completing such Work or portion thereof, together with a reasonable charge for engineering, managerial and administrative services, as certified by the City, shall be charged to the Contractor, and the expense so charged shall be deducted by the City out of such monies as may be due or may at any time thereafter become due to the Contractor. In case such expense is more than the sum which otherwise would have been payable to the Contractor under the Agreement, then the Contractor or its surety or sureties shall promptly pay the amount of

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such excess so due. When the City terminates the Contract under this section, the Contractor shall not be entitled to receive any further payments until the Work is completed and there has been a final settlement of costs of completing the Work covered by such notice of default.

The City will issue to the Contractor a written notice specifying that the Contract, or portion thereof, is terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the City, the Contractor shall:

1. Stop all Work under the Contract; or if partial termination, stop Work relating to the terminated portion of the Agreement;
2. Perform Work the City deems necessary to secure the Work Site for termination including measures to leave the Work Site in a safe condition;
3. Remove equipment from the site of Work, as specified by the City;
4. Take such action as is reasonably necessary to protect materials from damage;
5. Notify all Subcontractors and Suppliers that the Contract or portion thereof is being terminated and that their contracts or orders are not to be further performed unless otherwise authorized in writing by the City;
6. Provide the City with an inventory list of all materials previously produced, purchased or ordered from Suppliers for use in the Work and not yet used in the Work, including its storage location, and such other information as the City may request;
7. Dispose of materials not used in the Work as directed by the Director. It shall be the Contractor's responsibility to provide the City (a) with good title to all materials purchased by the City hereunder, including materials for which partial payment has been made by the City and (b) with bills of sale or other documents of title for such

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materials;

8. Subject to the prior written approval of the City, settle all outstanding liabilities and all claims arising out of Subcontractors or orders for materials terminated hereunder. To the extent directed by the City, the Contractor shall assign to the City all rights, title and interests of the Contractor under subcontracts or orders for materials terminated hereunder. The City shall be at liberty to negotiate with and engage any Subcontractors who had contracted with the Contractor for the Work;
9. Furnish the City with the documentation required to be furnished by the Contractor under the provisions of the Contract Documents, including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the Agreement; and
10. Take such other actions as the City may direct.

If only a portion of the Work has been terminated, the Contractor shall perform the remainder of the Work in conformity with the Contract Documents and in such a manner as not to interfere with the City or others in their performance and completion of the portion of the Work which was terminated.

The City may recover from the Contractor the amount of any loss or damage, including consequential damages, suffered or incurred as a result of the Contractor's default.

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SECTION 7

ACCEPTANCE AND PAYMENT

7-1.01 **ACCEPTANCE.** When the Contractor believes that the entire Work is fully and finally completed, including the satisfactory completion of inspections, tests, and documentation specified in the Contract Documents and completion of all punch list and clean-up items, the Contractor shall submit to the City a written request for final Acceptance within fifteen (15) Days thereafter, specifying that the Work is fully and finally completed and the date on which it was completed. Within thirty (30) Days after receipt of the request for final Acceptance, the City will inspect the Work and will either:

1. Reject the request for final Acceptance, specifying the defective and/or uncompleted portions of the Work; or
2. Notify the Contractor that the Work will be accepted by Resolution of the City Council of the City of Roseville, and a Notice of Completion will be caused to be recorded by the City Clerk; or
3. Notify the Contractor that the Work has been accepted by the City but no Notice of Completion will be recorded.

If the City rejects the request for final Acceptance, the Contractor shall promptly remedy the defective and/or uncompleted portions of the Work. Thereafter, the Contractor shall again submit a written request for final Acceptance of the Work, specifying a new date based on the date the defective and/or uncompleted portions of the Work were corrected. Thereafter, the foregoing procedure shall apply successively until the City has verified that the Work is fully and finally completed and accepted the Work by Resolution of the City Council or by written

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notification from the Director. Immediately upon such Acceptance, the Contractor shall be relieved of the duty of maintaining the Work as a whole.

All warranties commence upon final Acceptance of the Work. The City's final Acceptance of the Work shall not be construed as an acceptance by the City of any latent defects discovered with regard to the Contractor's work. Furthermore, Contractor's obligations under Section 5-1.22 "Responsibility for Damage and Indemnification" shall still remain applicable after the City's grant of final Acceptance of the Work.

Prior to final Acceptance, the Contractor shall submit to the City the Record Documents and Operation and Maintenance Manuals as specified in the Contract Documents.

7-1.02 **SCOPE OF PAYMENT.** The Contractor shall accept the compensation provided in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to the completed Work and for performing all Work contemplated and embraced under the Contract; also for loss or damage arising from the nature of the Work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the Work until the Acceptance by the Director and for all risks of every description connected with the prosecution of the Work, also for all expenses incurred in consequence of the suspension or discontinuance of the Work as provided in the Contract; and for completing the Work according to the Contract. Neither the payment of any estimate nor of any retained percentage shall relieve the Contractor of any obligation to make good any defective Work or material.

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No compensation will be made in any case for loss of anticipated profits.

7-1.03 **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to the payment of any additional compensation for any act or failure to act by the City,

including failure or refusal to issue a Change Order, or for the happening of any event, thing, occurrence or other cause unless the Contractor has given the City due written Notice of Potential Claim as hereinafter specified, provided, however, that compliance with this Section 7-1.03 shall not be a prerequisite as to matters within the scope of the notice provisions in Section 6-1.07, "Time of Completion," or the notice provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions, nor to any claim which is based on differences in measurement or errors of computation as to correct quantities.

The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation will or may be due, the nature of the costs involved, and, insofar as possible, the amount of the potential claim. The said Notice as above required must have been given to the Director prior to the time that the Contractor shall have performed the Work giving rise to the potential claim for additional compensation, if based on an act or failure to act by the Director, or in all other cases within seven (7) Days after the happening of the event, thing, occurrence or other cause giving rise to the potential claim.

If the Notice of Potential Claim does not include complete information about the claim or the parties do not execute a Contract Change Order in connection with the Notice of Potential Claim, Contractor shall submit complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) Days after such work is performed. Failure to provide written notice of claim prior to undertaking such work or failure to timely submit a complete and specific information about the claim for additional compensation and/or extension of the time for performance shall be deemed a waiver and abandonment of such claim.

If there is a dispute over any claim, the Contractor shall continue to Work during the dispute resolution process in a diligent and timely manner as directed by the City, and shall be

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governed by all applicable provision of the Agreement.

The Contractor shall maintain cost records of all Work that is the basis of any dispute. On a daily basis, Contractor shall submit to City completed daily forms, the format of which will be acceptable to the City, with respect to the Contractor's costs of performing the disputed work. These daily forms shall itemize all of Contractor's costs in performing the disputed work, including, but not limited to, all costs relating to materials, labor and equipment with respect to the disputed work. These daily forms shall provide names or identification and classification of affected workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment and hours operated. Said daily work forms shall be duly signed and verified by the Contractor or its authorized representative. The City's receipt of the Contractors' daily forms shall not constitute an approval of the Contractor's claim. Contractor's failure to submit the daily forms on a daily basis shall constitute a waiver of the Contractor's right to claim any additional compensation for the disputed work.

Each Contractor claim shall include full and complete information concerning the Claim. Contractor shall provide a clear, concise recital of the basis, upon which the claim is asserted, including a designation of the provisions of the Contract Documents upon which the claim is based. Contractor shall also include a statement as to the amount of time and/or compensation sought pursuant to the claim; if Contractor's claim arises from an ongoing occurrence, Contractor shall so state in its claim, including a description of the specific Work activities affected by the claim. All costs, expenses or damages and extensions of time claimed shall be described in reasonable detail under the circumstances together with complete supporting documentation.

The City will review any timely Notice of Potential Claim and supporting information

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submitted by Contractor. In conducting this review, the City shall have the right to require the Contractor to submit such additional or supporting documents, data and other information as the City may require.

If an agreement can be reached which resolves the Contractor's claim, the parties will execute a Contract Change Order to document the resolution of the claim. If the parties cannot reach agreement with respect to the Contractor's claim, the Contractor shall still be obligated to comply with the claim identification provisions identified in these General Conditions, including but not limited to Section 7-1.04.

It is the intention of this Section 7-1.03 that differences between the parties arising under and by virtue of the Contract be brought to the attention of the Director at the earliest possible time in order that such matters may be settled, if possible, or other appropriate action promptly taken. The Contractor hereby agrees that it shall have no right to additional compensation for any Claim that may be based on any such act, failure to act, event, thing or occurrence for which no timely written Notice of Potential Claim as herein required was filed.

7-1.04 **CLAIMS.** Contractor must submit all Claims, for which it has previously submitted a Notice of Potential Claim, prior to Acceptance of the Work. Each such Claim must be sent to the City by registered mail or certified mail with return receipt requested and must contain reasonable documentation to support the Claim.

Upon receipt of a Claim, the City shall conduct a reasonable review of the Claim and, within a period not to exceed forty-five (45) Days, or such further time as mutually agreed upon or necessary pursuant to Public Contract Code Section 9204, the City shall provide the Contractor a written statement identifying what portion of the Claim is disputed and what portion is undisputed. If the City does not respond to a Claim from the Contractor within the time

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specified herein, such Claim shall be deemed rejected in its entirety.

Any payment due on an undisputed portion of the Claim shall be processed and made within sixty (60) Days after the City issues its written statement.

If the Contractor disputes the City's written response, or if the City does not respond within the time specified herein, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within thirty (30) Days for settlement of the dispute.

Within ten (10) business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the Contractor a written statement identifying the portion of the Claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the Claim shall be processed and made within sixty (60) Days after the City issues its written statement. Any disputed portion of the Claim, as identified by the Contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and the Contractor shall mutually agree to a mediator within ten (10) business days after the disputed portion of the Claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the Claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the Claim remaining in dispute shall be resolved in accordance with Section 7-1.05 below.

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7-1.05 **DISPUTE RESOLUTION PROCEDURE.** All Claims not resolved

pursuant to Section 7-1.04, shall be resolved pursuant to Public Contract Code Section 10240, et seq.

7-1.06 **STOP PAYMENT NOTICES.** The City, by and through the Department or other appropriate office or officers, may at its option and at any time retain out of any amounts due the Contractor, sums sufficient to cover claims, filed pursuant to Civil Code Section 9350, et seq., including an amount to provide for the reasonable cost of any litigation thereunder.

7-1.07 **PROGRESS PAYMENTS.** Within fifteen (15) Days after the effective date in the Notice to Proceed, but in any event prior to Contractor's first Application for Payment, the Contractor shall submit to the City a detailed Schedule of Values.

Upon its approval, the Schedule of Values will form a basis for determining the compensation payable to the Contractor based on its actual progress of Work with respect to each Lump Sum bid item. The City, prior to any progress payment being made, must approve the Schedule of Values.

At the Director's discretion the approved Schedule of Values may be used as the basis for calculating the adjustment in compensation for a lump sum bid item due to changes ordered by the Director. When an ordered change increases or decreases the quantities shown in an approved Schedule of Values, at the Director's discretion, the adjustment in compensation may be determined in the same manner specified for increases and decreases in the quantity of a bid item of work in accordance with Section 3-1.05(B), "Contract Price Adjustment," of these General Conditions.

The Contractor once in each month shall submit an Application for Payment, for approval by the Director. Contractor's Applications shall be based on the Schedule of Values submitted to the City. These applications shall be supported by: (1) documentation requested by the City to

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substantiate the payment request; (2) statutory releases from Contractor and all Subcontractors and suppliers pursuant to Civil Code Sections 8132 and 8138; and (3) certified payroll records for the period for which payment is requested. Specifically, the Contractor will submit conditional waivers upon progress payment executed by all contractors and suppliers that will be receiving sums sought in the instant payment request and also submit unconditional waivers upon progress payment executed by all contractors and suppliers that have been paid to the date of the payment request. The Contractor shall certify that the Work for which payment is requested has been accomplished. When requested by the City, the Contractor shall submit receipts, invoices and other documentation that the City requires to be furnished for purpose of evaluating the application.

The City will pay the Contractor within thirty (30) Days after its receipt of an undisputed and properly submitted Application for Payment, after deducting all previous payments, retention, and other sums as described in the Contract Documents. Within seven (7) Days of its receipt of the Contractor's Application for Payment, the City will determine whether it complies with the provisions of the Contract Documents. As appropriate, the City will return the application to the Contractor accompanied by a document prepared by the City setting forth the reasons for the rejection. Thereafter, the Contractor shall correct and resubmit the Application for Payment. Progress payments may be withheld for Work that is not performed in accordance with the Contract Documents.

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The City may deduct the following from each progress payment:

1. An amount equal to one hundred and twenty-five percent (125%) of the amount claimed under any stop payment notice or other lien filed against the Contractor, which includes an amount to provide for the reasonable cost of any litigation

thereunder.

2. Any Liquidated Damages or Assessments that have accrued as of the date of the Application for Payment.
3. Any sums expended by the City in performing any of the Contractor's obligations under the Agreement that the Contractor has failed to perform.
4. Any other sums that the City is entitled to recover from the Contractor under the terms of the Contract including damages to the City's property.
5. The failure of the City to deduct any of the above identified sums from a progress payment shall not constitute a waiver of the City's right to such sums.

No such estimate or payment shall be construed to be an acceptance of any defective Work or improper materials.

Under no circumstances will the City make payment to unlicensed Contractors. As a condition of payment, the Contractor is required to maintain the applicable Contractor's license as identified in the Notice to Contractors for the duration of the Work.

7-1.08 **PAYMENT FOR MATERIALS AND EQUIPMENT ON HAND.**

Partial payments may be made to the extent of seventy-five percent (75%) of the cost of materials and equipment plus delivery to be incorporated in the Work, provided that such materials and equipment meet the requirements of the Contract Documents and are delivered to acceptable sites on the plant site or at other sites in the vicinity that are acceptable to the City and only with the prior written approval by the City. Such delivered costs of stored or stockpiled materials and equipment may be included in the next progress payment after the following conditions are met:

A. Equipment and materials will only be eligible if given conditional or final

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Acceptance by the Director and are in apparent compliance with favorably reviewed Submittals.

B. Only equipment or materials which have received favorable review of Shop Drawings will qualify.

C. The material or equipment has been stored or stockpiled adequately protected against damage in a manner acceptable to the Director at an approved site.

D. The Contractor has furnished the Director with acceptable evidence of the quantity and the quality of such stored or stockpiled materials or equipment with identification of where they will be incorporated into the project with Specification reference.

E. The Contractor has furnished the Director with satisfactory evidence that the material or equipment and transportation costs have been paid.

F. The Contractor has furnished the City legal title (free of liens or encumbrances of any kind) and lien releases to the material or equipment so stored or stockpiled.

G. The Contractor has furnished the City evidence that the material or equipment so stored or stockpiled is insured against loss by damage to or disappearance of such materials at any time prior to use in the Work.

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It is understood and agreed that the transfer of title and the City payment for such stored or stockpiled materials or equipment shall in no way relieve the Contractor of its responsibility for furnishing and placing such materials or equipment in accordance with the requirements of the Contract Documents.

In no case will the amount of progress payments for materials or equipment on hand exceed the Contract Price for such materials or equipment or the Contract Price for the Contract item in which the material is intended to be used.

No partial payment will be made for stored or stockpiled living or perishable plant

materials.

The Contractor shall bear all costs associated with the progress payment of stored or stockpiled materials or equipment in accordance with the provisions of this Section.

7-1.09 **RETENTION ON PROGRESS PAYMENTS.** From each progress payment estimate, five percent (5%) will be deducted and held in retention by the City. The remainder, less any deductions described in Section 7-1.07, "Progress Payments," of these General Conditions, will be paid to the Contractor as progress payments.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit Securities in lieu of retention payments by the City. Upon the Contractor's request, the City will make payment of funds withheld from progress payments, pursuant to the requirements of California Public Contract Code Section 22300, if the Contractor deposits in escrow with the City or with a bank acceptable to the City, securities eligible for investment under California Government Code Section 16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and the City, upon the following conditions:

1. The Contractor shall bear the expenses of the City and the escrow agent in connection with the escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amounts of retention to be paid to the Contractor pursuant to this section.
3. Contractor shall enter into an escrow agreement satisfactory to the City, which agreement shall be substantially similar to the form provided in California Public Contract Code section 22300.

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4. The Contractor shall obtain the written consent of the surety to such agreement.

7-1.10 **FINAL PAYMENT.** Final payment will be made only after Contractor has achieved Final Completion of the Work pursuant to the provisions of Section 7-1.01, "Acceptance," of these General Conditions. Before final payment can be made, the Contractor shall have furnished the City with the following:

1. All Record Documents, catalogues, instruction sheets and information as required by the Contract Documents.
2. Conditional Waivers and Releases Upon Final Payment executed by Contractor and all Subcontractors and Suppliers, as provided by Civil Code Section 8136. Unconditional Waivers and Releases Upon Final Payment, as provided in Civil Code Section 8138, executed by Contractor and all Subcontractors and Suppliers, must be provided for all Subcontractors and Suppliers that have been paid in full.

Within thirty (30) Days of the date of the City's Acceptance of the Work, the Contractor shall prepare and submit a Final Invoice, showing the proposed total amount due the Contractor, segregated by Bid item quantities, Change Order Work, and other basis for payments; deductions made or to be made for prior payment; and amounts previously retained. Prior invoices and payments shall be subject to correction in the proposed Invoice for Final Payment. Payments to the Contractor will be made only for actual quantities of the Contract items of work constructed in accordance with the Contract Documents.

The City will review the Contractor's proposed Final Invoice and necessary changes or corrections will be forwarded to the Contractor. Within ten (10) Days thereafter, the Contractor

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shall submit a revised proposed Final Invoice incorporating changes or corrections made by the City together with any new claims resulting therefrom. Upon approval by the City, the corrected proposed Final Invoice will become the approval Final Invoice.

If agreements are reached on all questions regarding the Final Invoice, the City will pay the entire sum found due on the approved application. However, the City will withhold sums sufficient to pay all unsettled claims for which stop payment notices have been filed pursuant to Section 9350, et seq. of the California Civil Code, together with the reasonable cost of any litigation thereunder.

Final payment will be made within thirty (30) Days after receipt of an approved Final Invoice and other required Submittals referenced above or within sixty (60) Days after Acceptance of the work by the City, whichever is later, provided, however, that if an approved Final Invoice has not been submitted within sixty (60) Days after Acceptance of the Work by the City, the City may elect to make payment of sums not in dispute without prejudice to the right of either the City or the Contractor in connection with such disputed sums. Notwithstanding the foregoing, if a Notice of Completion is recorded, final payment shall not be made prior to the expiration of the thirty-five (35) calendar day lien period. The start of this lien period is the date the Placer County Recorder's Office records the Notice of Completion.

The City may withhold from the Final Payment an amount not to exceed one hundred fifty percent (150%) of any amount in dispute between the City and the Contractor.

The making of Final Payment shall not operate to release the Contractor or its sureties from obligations arising under the Contract, the Contract bonds and warranties as herein provided. Specifically, the making of final payment shall not constitute a waiver and release of claims by the City arising from:

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1. Unsettled or future liens;

2. Failure of the Work to comply with the requirements of the Contract Documents;

3. The terms of any warranties required by or contained in the Contract Documents;

4. The right to any insurance proceeds or the right to make any insurance or bond claims;

5. Any claims with respect to Contractor's obligations of indemnity with respect to claims asserted by third parties; or

6. Any latent deficiencies with the Work or Contractor's fraud.

7-1.11 **CLERICAL ERRORS.** Notwithstanding the provisions of Section 7-1.10, "Final Payment," of these General Conditions, for a period of three (3) years after Acceptance of the Work, all estimates and payments made pursuant to said Section 7-1.10, are subject to correction for clerical errors in the calculations involved in the determination of quantities and payments. The Contractor and the City agree to pay to the other any sum due under the provisions of this Section 7-1.11, provided, however, if the total sum to be paid is less than $100, no such payment shall be made.

7-1.12 **WARRANTY.** Notwithstanding inspections and Acceptance by the City of Work furnished under the Contract Documents, the Contractor hereby unconditionally guarantees that all materials and equipment furnished will be of good quality and new, that the Work will be free from defects in workmanship and materials and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

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This warranty by the Contractor is in addition to any warranties or guarantees required elsewhere in the Contract Documents. This warranty shall be in effect notwithstanding any disclaimers, or limiting or conditional terms contained in such separate warranties furnished by manufacturers or suppliers.

The Contractor hereby agrees to repair or replace any and all Work, together with any other adjacent Work which may be displaced in so doing, that may prove to be not in accordance with the requirements of the Contract or that may be defective in its workmanship or material during the greater of a period of one (1) year after Acceptance of the Work by the City or the period specified in the Special Conditions, without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

The Contractor further agrees, that within ten (10) Days after being notified in writing by the Department of any Work not in accordance with the requirements of the Contract Documents or of any defects in the Work, the Contractor will commence and prosecute with due diligence all Work necessary to fulfill the terms of this warranty, and to complete such Work within a reasonable period of time. In the event Contractor fails to comply, it does hereby authorize the Department to proceed to have such Work done at the Contractor's expense and the Contractor will honor and pay the cost and charges therefore upon demand. The Department shall be entitled to all costs and expenses, including reasonable attorneys' fees, necessarily incurred upon the Contractor's refusal to honor and pay the above costs and charges.

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All warranties set forth in the Contract Documents shall be deemed cumulative and not alternative or exclusive. Nothing contained in this section shall be construed to establish a period of limitation with respect to any other obligation, which Contractor has under the Contract Documents or under any separate warranty or guaranty required thereby. The establishment of a

specific warranty period relates only to the specific obligation of Contractor to correct defective Work, and it has no relationship to the time within which its obligation to comply with the Contract Documents or applicable provision of law may be sought to be enforced, nor to the time within which proceedings may be commenced to establish Contractor's liability with respect to its obligations other than specifically to correct the Work. Without limiting the foregoing, it is understood and agreed that Contractor shall remain responsible for latent defects with its work, regardless of the expiration of any warranty period set forth in the Contract Documents.

7-1.13 **WARRANTY OF TITLE.** No material, supplies, or equipment for the Work under this Contract shall be purchased subject to any chattel mortgage, security agreement, or under a conditional sale or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants good title to all material, supplies, and equipment Installed or incorporated in the Work and agrees upon completion of all Work to deliver the Premises, together with all improvements and appurtenances constructed or placed thereon by it, to the City free from any claim, liens, security interest, or charges, and further agrees that neither the Contractor nor any person, firm, or corporation furnishing any materials or labor for any Work covered by this Contract shall have any right to a lien upon the Premises or any improvement or appurtenances thereon. Provided, that this shall not preclude the Contractor from Installing metering devices and other equipment of utility companies, the title of which is commonly retained by the utility company. In the event of the Installation of any such metering device or equipment, the Contractor shall advise the City as to the legal owner thereof. Nothing contained in this paragraph, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the City.

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The provisions of this paragraph shall be inserted in all subcontracts and material Contracts, and notice of its provisions shall be given to all persons furnishing materials for the Work when no formal Contract is entered into for such materials.

[END OF GENERAL CONDITIONS]

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SUPPLEMENTAL CONDITIONS

Project: Four Corners (W-50C) Park Project

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Scope of Supplemental Conditions

1. The Work shall be performed in accordance with the General Conditions and Department Standards, except as the General Conditions may be modified by the following additional City Standards, incorporated herein by this reference, if so indicated.

	COMMUNITY DESIGN GUIDELINES 311 Vernon Street, Roseville, CA 95678
	SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION (ELECTRIC) 2090 Hilltop Circle, Roseville, CA 95747
X	PARKS CONSTRUCTION STANDARDS 316 Vernon Street, Suite 400, Roseville, CA 95678
X	DESIGN AND CONSTRUCTION STANDARDS 311 Vernon Street, Roseville, CA 95678
	OTHER

Above documents are available at: www.roseville.ca.us

2. Numbering in these Supplemental Conditions conforms to that in the General Conditions. The existence of a section in these Supplemental Conditions means that the corresponding section in the General Conditions is modified in some respect. Unless otherwise specified, the modified General Condition is deleted entirely and the provisions of these Supplemental Conditions are substituted.

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SECTION 1. DEFINITIONS AND TERMS

1-1.24 **DEPARTMENT.** Section 1-1.24 of the General Conditions is amended to include the following:

The Department for Contract Administration is the Parks, Recreation & Libraries Department of the City of Roseville.

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SECTION 2. CONTROL AND SCOPE OF THE WORK

2-1.08 **SUBMITTALS.** Section 2-1.08 of the General Conditions is amended to include the following:

The time allowed for review of each submittal is 10 Days after receipt of the submittal by the Director.

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SECTION 3. CHANGES IN THE WORK

There are no amendments to the General Conditions.

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SECTION 4. CONTROL OF MATERIALS

There are no amendments to the General Conditions.

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SECTION 5. LEGAL RELATIONS AND RESPONSIBILITY

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** Section 5-1.14 of the General Conditions is amended to include the following:

To the best of the City's knowledge, asbestos IS NOT _____ present in the vicinity of the Project. Additional information shall be made available to Contractor upon request.

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SECTION 6. PROSECUTION AND PROGRESS

6-1.04 **PROGRESS SCHEDULE.** Section 6-1.04F of the General Conditions is amended to include the following:

Progress schedules showing project completion dates more than 0 Days earlier than specified in Section 6-1.07 shall be rejected.

6-1.07 **TIME OF COMPLETION.** Section 6-1.07 of the General Conditions is amended to include the following:

The Contractor shall begin Work within 10 business days after receiving a Notice to Proceed and shall diligently prosecute the Work to completion. The Work shall be completed within 90 business days of the Notice to Proceed.

If landscaping plants require an establishment period, that period will be 90 calendar days. Start of the establishment should be as outlined in the Specifications.

6-1.08 **LIQUIDATED DAMAGES.** Section 6-1.08 of the General Conditions is amended to include the following:

The amount of Liquidated Damages is the sum of $800.00 per Day.

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SECTION 7: ACCEPTANCE AND PAYMENT

There are no amendments to the General Conditions.

[END OF SUPPLEMENTAL CONDITIONS]

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SPECIFICATIONS

Project: Four Corners (W-50C) Park Project

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DRAWINGS

Project: Four Corners (W-50C) Park Project

Project drawings are issued as a separate plan set,
titled "FOUR CORNERS PARK"
dated 3/26/21
as prepared by Schmidt Design Group

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TEXT OF AB 626

Assembly Bill No. 626

CHAPTER 810

An act to add and repeal Section 9204 of the Public Contract Code, relating to public contracts.

[Approved by Governor September 29, 2016. Filed with Secretary of State September 29, 2016.]

LEGISLATIVE COUNSEL'S DIGEST

AB 626, Chiu. Public contracts: claim resolution.

Existing law prescribes various requirements regarding the formation, content, and enforcement of state and local public contracts. Existing law applicable to state public contracts generally requires that the resolution of claims related to those contracts be subject to arbitration. Existing law applicable to local agency contracts prescribes a process for the resolution of claims related to those contracts of $375,000 or less.

This bill would establish, for contracts entered into on or after January 1, 2017, a claim resolution process applicable to any claim by a contractor in connection with a public works project. The bill would define a claim as a separate demand by the contractor for one or more of the following: a time extension for relief from damages or penalties for delay, payment of money or damages arising from work done pursuant to the contract for a public work, or payment of an amount disputed by the public entity, as specified.

This bill would require a public entity, defined to exclude certain state entities, upon receipt of a claim sent by registered or certified mail, to review it and, within 45 days, provide a written statement identifying the disputed and undisputed portions of the claim. The bill would authorize the 45-day period to be extended by mutual agreement. The bill would require any payment due on an undisputed portion of the claim to be processed within 60 days, as specified. The bill would require that the claim be deemed rejected in its entirety if the public entity fails to issue the written statement.

This bill would authorize, if the claimant disputes the public entity's written response or if the public entity fails to respond to a claim within the time prescribed, the claimant to demand to meet and confer for settlement of the issues in dispute. The bill would require any disputed portion of the claim that remains in dispute after the meet and confer conference to be subject to nonbinding mediation, as specified. The bill would provide that unpaid claim amounts accrue interest at 7% per annum. The bill would prescribe a procedure by which a subcontractor or lower tier contractor may make a claim through the contractor.

This bill would require the text of these provisions, or a summary, to be set forth in the plans or specifications for any public work which may give rise to a claim. The bill would specify that a waiver of these rights is void and contrary to public policy, except as specified. The bill would also specify that it does not impose liability on a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

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By increasing the duties of local agencies and officials, this bill would impose a state-mandated local program.

This bill would, on January 1, 2020, repeal the provision establishing the claim resolution process.

This bill would specify that these provisions constitute a matter of statewide concern.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that, if the Commission on State Mandates determines that the bill contains costs mandated by the state, reimbursement for those costs shall be made pursuant to these statutory provisions.

The people of the State of California do enact as follows:

SECTION 1. Section 9204 is added to the Public Contract Code, to read:

9204. (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

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(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each

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party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is

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repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

SECTION 2.
The Legislature finds and declares that it is of statewide concern to require a charter city, charter county, or charter city and county to follow a prescribed claims resolution process to ensure there are uniform and equitable procurement practices.

SECTION 3.
If the Commission on State Mandates determines that this act contains costs mandated by the state, reimbursement to local agencies and school districts for those costs shall be made pursuant to Part 7 (commencing with Section 17500) of Division 4 of Title 2 of the Government Code.

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SECTION 33 00 00: UTILITIES

Consultants to add new sections and/or edit existing sections as needed to reflect specific project needs. New sections shall be formatted to match those included in these standards.

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APPENDICES

A: Irrigation Schedules 1 pages
B: Soils Fertility Report 4 pages
C: Permits (provided by the City/Project Owner) # pages

Consultant to add or delete sections/appendices as they apply to specific project needs. Items noted to be provided by the City shall be identified on a project by project basis.

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SECTION 00 31 46
PERMITS

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

C. The intent of this Section is to furnish bidders with the known list of required permits for the Work under the Contract Documents. Bidders should note that the list is not necessarily complete and that additional requirements may exist or arise.

1.02 Permits

A. The Contractor shall obtain copies of the following permits from the Project Manager. Copies of these shall be obtained prior to start of work and shall be kept on the jobsite.

1. State Water Resources Control Board General Permit for Discharges of Storm Water Associated with Construction Activity:

   The City has prepared and submitted the SWPPP and Notice of Intent (NOI) to the State Water Resources Control Board. Prior to starting construction, Contractor shall obtain coverage under and comply with the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit Order 2009-0009-DWQ). The City will prepare and submit the NOT when permanent BMP's have been installed.
2. City of Roseville Department of Development Services, Encroachment Permit for all Work related to this project.
3. City of Roseville Department of Development Services, Grading Permit for all Work related to this project.
4. City of Roseville Department of Development Services, Building Permit for all structural items associated with this project, including, but not limited to, lighting, backstops, restrooms, shade structures, drinking fountain (plumbing code), and miscellaneous electrical.

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B. Contractor shall comply with the conditions of these permits, and will be solely responsible for all costs associated with meeting permit conditions unless specifically specified otherwise in these Contract Documents.
C. A copy of the permit is included in the Appendix of the Project Manual. A trench/excavation permit must be on file with the City. Submit a copy of the notification letter to CAL OSHA, which outlines the project, and contracted scope of work.

PART 2 - PRODUCTS

Intentionally left blank.

PART 3 - EXECUTION

Intentionally left blank.

END OF SECTION

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SECTION 01 10 00
SUMMARY OF WORK

PART 1 - GENERAL

1.01 General

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Project Description

A. Project Name and address:

Four Corners Park

B. 6101 GARLAND WY, ROSEVILLE, CA 95747Project description/scope of work:

The scope of this project includes a new 1.2 acre public park with amenities including, but not limited to, a children's play area, basketball court area, bocce ball court area, shade structure, bike rack, drinking fountain, pedestrian pathways, tricycle track, shade trees, open turf areas, benches, picnic tables, landscape, and irrigation.

C. The Contractor, prior to submission of his bid, shall visit the site and become familiar with the physical site conditions, the plans and specifications. All existing site conditions, apparent in a detailed, on-site inspection, shall be a part of the project. Submission of a bid shall represent the Contractor's acknowledgment of the existing site conditions and its effect on the implementation of the contract documents.

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1.03 Engineering

A. Field Engineering, as a part of this contract, shall include:

1. Layout of the work and establishment of lines and grades.
2. Said work to be performed by a California Registered Civil Engineer or a California licensed Land Surveyor.
3. When discrepancies between the drawings and actual site conditions are discovered, notify the Inspector for instruction on how to proceed.
4. All work shall:
   a) Establish indicated layout in relation to the property survey and existing reference points.
   b) Establish and preserve permanent reference points during the course of construction.

c) Set locations and elevations of all site elements as required for proper completion of the work.

1.04 Permits, Fees and Notices

A. The Contractor and/or his assigned Subcontractors shall obtain any and all required permits (beyond those provided in the Appendix) from all governing authorities, including other City Departments, prior to start of construction.

1.05 Construction Plans

A. Any discrepancies or omissions found in the Contract Documents shall be reported to the City's project manager immediately. The City's project manager will clarify discrepancies or omissions, in writing, within a reasonable time.

B. In resolving inconsistencies among two or more sections of the Contract Documents, precedence shall be given in the following order:

1. Notice to Contractors
2. Special Provisions
3. City of Roseville Parks Construction Standards
4. City of Roseville Design and Construction Standards
5. Drawings

Addenda shall take precedence over all sections referenced therein. Figure dimensions on Drawings shall take precedence over scale dimensions. Detailed Drawings shall take precedence over general Drawings.

1.06 Definitions

A. The term "accepted" where used within, shall mean accepted in writing by the City of Roseville's Project Manager.

B. The term "Inspector", where noted, shall mean the project representative, appointed by the City of Roseville, who will oversee the project on a day-to-day basis.

C. The term "Project Manager", where noted, shall mean the project representative appointed by the Parks Department.

D. The term "Consultant", where noted, shall mean the prime Consultant listed on the cover sheet of these Specifications.

E. The term "accepted equal", where used herein, shall mean the equal in the opinion of the Project Manager, in consultation with the Consultant, when necessary, and as accepted in writing by the Project Manager.

F. The term "Project Owner", where used herein, shall mean the landowner or developer.

G. The term "provide", where used herein, shall mean furnish and install complete.

H. The term "as selected", where used herein, shall mean as selected by the Consultant and as accepted by the Project Manager.

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I. The term “substantially complete”, where used herein, shall mean the state of which the project can be used in the manner of which it is intended with the exception of minor items as determined by the Project Manager.
J. See Section 1 of the General Conditions for additional definitions and terms.

1.07 Standards

A. Numerous standards are referenced in these contract documents. The referenced standards shall be the current edition as of the date of these contract documents. Also, see Section 4 - 1.02 of the General Conditions.
B. The codes adopted by the City, County, State and federal agencies shall govern minimum requirements for this project. Where codes conflict with these Specifications, the more stringent shall apply, and such conflicts shall be brought to the attention of the Project Manager. Caltrans Standards shall be applied where specifically referenced. In the absence of specific reference requirements in the contract documents, the applicable codes shall govern.
C. In addition to the standards noted in individual sections of these Specifications, standards of the following organizations shall be noted by initials only.
   1. ANSI: American National Standards Institute.
   2. ASTM: American Society for Testing and Materials.

1.08 Submittals

A. All submittals shall be submitted at one time within ten (10) working days from issuance of Notice to Proceed. The review time for submittals shall be as noted in Section 2 - 1.04 of the Special Conditions. Items returned for re- submittal shall be returned to the City within two weeks
B. The Contractor shall include a cover sheet indicating the following (A sample is provided in Section 5: Forms):
   1. Drawing sheet or specification section reference (by section, paragraph and sub-paragraph numbers);
   2. Item description;
   3. Indication whether this item is “as specified” or “proposed substitution” and
   4. A space for itemized response summary, e.g. “reviewed” or “resubmit”.
C. Contractor shall submit a minimum of two copies/samples of each submittal. It shall be the Contractor’s responsibility to ensure that the summary sheet and the appropriate number of copies are included in the submittal package. Incomplete submittal packages (i.e., the lack of a summary sheet or lack of the appropriate number of copies) will not be reviewed.
D. Proposed substitution requests must include a comparison between the originally specified item and the proposed substitute. The burden of proof of compliance for proposed substitutions with project requirements rests with the Contractor. Coordination of the installation of accepted substitutions, including

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incidental changes/modifications to accommodate proposed products shall be at no additional cost to the Owner.

E. Where required in specified Section of these Specifications, submittals shall include proof of order of site furnishings, play equipment or other materials within two weeks (ten working days) from issuance of Notice to Proceed. Submittals of orders shall be made at one time. Exceptions will be considered, with justification.

1.09 Tests

A. In addition to Section 4 - 1.03 of the General Conditions, testing and inspections may be performed by a private testing laboratory. The testing laboratory, provided by the City, shall be under the direction of a California registered civil engineer. All work shall conform to requirements set forth by ASTM B329, and shall be acceptable to the City.

B. Copies of the laboratory reports/results of each test or inspection shall be provided to the Project Manager, Inspector and Contractor.

1.10 Temporary Facilities

A. Sanitary provisions shall be the responsibility of the Contractor. Existing restroom facilities shall be not utilized by the Contractor, his Sub-contractors, or employees thereof, unless specifically accepted by the Project Manager. Provide chemical toilets or water closets and urinals connected to the sewer in a location accepted by the Project Manager.

B. Barricades shall be the responsibility of the Contractor and shall be erected as necessary to protect the property, the construction and the public from hazards due to construction.

C. Signs, other than those identified in these Specifications, shall be prohibited. Notices, required by law, shall be posted and maintained.

1.11 Utilities

A. All utility connection fees, meters, and cost of utilities used during the course of construction and establishment are considered a direct cost and are the responsibility of the Contractor until project acceptance.

1.12 Dust/Noise Control Requirements

A. Dust and other air pollution nuisances on or adjacent to the site shall be abated, per Section 2 - 1.07 of the General Conditions. Dirt shall not be allowed to accumulate on streets or sidewalks nor be washed into sewer. The Contractor shall install silt basin, silt fences or other physical means to prevent winter run-off or dry season flow passing through the site.

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B. Noise from construction operations shall be kept to a minimum. Allowable hours of operations shall be from 7 a.m. to 7 p.m. Monday through Friday. Work on weekends and holidays must be approved by the project manager. Work on weekends and holidays shall not begin before 8 a.m. and must be completed by 8 p.m.

1.13 Tree Replacement Schedule

A. Trees damaged or removed without prior approval shall be replaced at an inch per inch basis on-site, except otherwise accepted. New stock shall follow the table provided:

Plant Size	Inch Value
3 Five Gallon Stock	One Inch
1 Fifteen Gallon Stock	One Inch
1 24” Box Stock	Two Inches
1 36” Box Stock	Three Inches

1.14 Inspection of Construction

A. In addition to the routine inspections performed by the Parks Inspector, portions of work may be inspected by the other city departments. Notify the Parks Inspector and Project Manager a minimum of 48 hours prior to date of inspection.

B. The Parks Inspector shall be the main line of communication between the site superintendent, the project manager and other City department inspectors. Changes in scope of work or standards shall be approved by the project manager.

C. Refer to the parks inspection record. This shall be issued at the Pre-Construction meeting and shall be utilized by the Contractor throughout the course of construction. A completed “hard card” shall be submitted to the Project Manager along with required turn in items (See 1.15 this Section) upon final acceptance of the project. The Notice of Completion shall not be filed until all record documents have been received and accepted.

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1.15 Adverse Impacts to Site Conditions Due to Construction

A. Impacts that affect the site conditions to the detriment of the park or streetscape Impacts that affect the site conditions to the detriment of the park or streetscape construction or long term viability of the site shall be mitigated by the contractor prior to acceptance of the project. Such impacts shall include, but are not limited to:

1. Soil compaction in non-structural areas;
2. Diesel or gas fuel leaks/spillage;
3. Buried concrete or other construction debris;
4. Hazardous material contamination;

5. Lime treatment in planting areas;
6. and more.

1.16 Pre-final (Punch List) Review

A. Notify, in writing, to the Parks Construction Inspector, that the work is substantially complete. Substantially complete is defined as “the state of work where it may be used in a suitable and intended manner with exception of minor corrections”. Partial acceptances will not be granted. Items to be reviewed as a part of substantial completion include:
   1. All construction items
   2. Installation of all site furnishings, including lights and signs
   3. Seeding or sodding of all turf areas
   4. All planting, including weeding of planted areas
   5. The irrigation system is fully functioning as designed and as confirmed by the landscape irrigation audit.

B. Upon field confirmation by the Parks Construction Inspector regarding substantial completion, a pre-final (punch list) walk-through will be conducted within seven (7) calendar days of receipt of notification. A formal punch list will be developed at that time. Performance of the pre-final (punch list) review shall not automatically trigger the start of establishment.
   1. If at any point during this review that it becomes apparent that the Contractor has not properly prepared for the site review, the inspection shall immediately be terminated and re-scheduled at such a time as the site has been readied for a review. Any costs for the re-scheduling of the review shall be the responsibility of the Contractor. Lack of site preparation could delay start of the establishment period.

C. The pre-final (punch list) review shall occur within one (1) business week after the project has been determined as “substantially complete”. Concurrently, the City will make a formal request for all required turn-in items to be submitted to the City. All turn-in items shall be submitted to the City (single point of contact), at one time and only by appointment. Do not drop off the turn-in items at the front counter and without an appointment.

D. Once all turn-in items have been confirmed to be complete and accurate, the establishment period may be considered to begin. The City shall have sole discretion in determining the appropriateness of the commencement of the establishment period and shall notify the developer/contractor in writing of the start and end dates. Portions of the project will not be accepted for establishment prior to the substantial completion of the entire project.

1.17 Establishment Period

A. The duration of the establishment period shall be:

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1. For seeded turf in parks: Ninety (90) calendar days, minimum, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
2. For sodded turf in parks: Forty-five (45) calendar days commencing between March 1st and October 31st and sixty (60) calendar days commencing between November 1st and February 28th, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
3. For streetscapes: Thirty (30) calendar days, minimum, and until final acceptance of all related street improvements subject to approval of a Certificate of Completion by the City Council.

B. Active maintenance is required throughout the entire establishment period. Active maintenance is defined as:
1. All areas within the project site shall be protected against damage including vandalism, erosion, trespass, rodents and other acts. Immediately repair all damaged areas.
2. All walkways and paved areas shall be kept clean and all debris within planting and turf areas shall be immediately removed.
3. Automatic irrigation controller shall be fully utilized and irrigation system monitored and adjusted as described in Section 32 84 00 4.03.
4. All plant and turf maintenance as described in Section 32 90 00 3.11

C. Prior to the start of the final thirty (30) days of establishment:
1. All punch list items shall be completed.
2. All certifications and testing shall be completed.
3. All plantings and turf shall be thriving and in a healthy condition.
4. The lack of active maintenance prior to the final thirty (30) days may constitute a delay in the start of the final thirty (30) days of the establishment period.

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1.18 Final Review

A. One (1) week prior to the end of the establishment period, a final on-site review shall be conducted to review project readiness for final turn-over. All punch list items must be satisfactorily addressed prior to the final review.

B. The project shall be prepared and cleaned per Section 2 - 1.12 of the General Conditions; the turf shall be mowed; and the irrigation heads shall be adjusted appropriately one day prior to the scheduled final review.

C. Acceptance of the project shall be considered “field accepted” and a recommendation will be forwarded to the City Council for “final acceptance” per Section 7 - 1.01 of the General Conditions.

D. An unaccepted project shall extend the establishment period until such time as the unaccepted portions of the project have been reviewed and field accepted by the Inspector and Project Manager.
E. Turn over for City maintenance shall occur only after:
   1. The specified duration of the establishment period has been successfully completed.
   2. If required, the deed transferring property ownership, has been recorded at the County.
   3. A Certificate of Compliance (COC) for streetscapes or Notice of Completion (NOC) for city built parks has been approved by the City Council.
F. Contractor shall provide a written guarantee covering all improvements associated with this project. See 1.19 – Warrantees and Guarantees.

1.19 Record Documents

A. Record documents or as-built plans shall be maintained on-site and updated routinely as specified in Section 2 - 1.13 of the General Conditions. Record documents shall include **all items under the contracted scope of work**.
B. Record documents shall be submitted:
   1. one full size set of final as-built drawings (verified/initialed by the Parks Inspector during the establishment period)
   2. one set of 11 x 17 reductions of the complete as-built package; and
   3. two sets 11 x 17 laminated reductions of the irrigation plan illustrating with colors the individual controller stations; and
   4. one USB containing PDF scanned images (in color) of the verified as-built drawings.
   5. For City of Roseville CIP projects, SWPP binder.

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1.20 Warranties and Guarantees

A. Warranties are required under various Sections of these Specifications. Prior to final acceptance, the Contractor shall assemble all warranties into a single, bound or stapled package. All warrantees shall be clearly labeled and the number of years highlighted. Also, see Sections 7 - 1.10 and 7 - 1.11 of the General Conditions.
   1. Warranties for equipment shall be submitted in the manufacturer's standard form and shall be countersigned by the subcontractor or supplier and the Contractor.
   2. All other warranties shall be provided in the following format, written on subcontractor's or supplier's letterhead, signed by the subcontractor or supplier and countersigned by the Contractor:

WARRANTY FOR _____ YEARS

"We hereby warrant that the ***product*** which we have installed at ***project name*** has been done in accordance with the contract documents, and that the work, as installed will fulfill the warranty requirements included in the Specifications.

We agree to repair or replace any or all of our work, together with any other adjacent work which may be displaced by so doing, that may prove to be defective in its workmanship or material within the warranty period stated above commencing from the date of final acceptance of the above named project by the City of Roseville's City Council, without additional expense to the City, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of failure to comply with the above conditions within thirty (30) days of notification by the City, we collectively or separately do hereby authorize the City to proceed with the repairs or replacement of such defects at our expense. Payment of said costs and charges will be forwarded to the City upon demand.

Signed: _____ _____
Subcontractor or Supplier Date

Countersigned:_____ _____
Contractor Date

B. Guarantees shall be a minimum of one (1) year for all plant material, including trees and shrubs. The guarantee shall state that plant materials (trees & shrubs) to be free of all defects or disease and all plants are in a healthy and thriving condition at the completion of the contract. Deciduous plant material shall be warranted beyond the time of contract completion until such time as growth becomes evident.

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PART 2 - PRODUCTS

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PART 3 - EXECUTION

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END OF SECTION

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SECTION 01 57 23
STORM WATER POLLUTION CONTROL

PART 1 - GENERAL

1.01 General

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 References

A. State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No. CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.
B. CASQA California Stormwater BMP Handbook – Construction, November 2009

1.03 Definitions

A. NOI: Notice of Intent
B. NOT: Notice of Termination
C. QSP: Qualified SWPPP Practitioner
D. QSD: Qualified SWPPP Developer
E. SWPPP: Storm Water Pollution Prevention Plan
F. SWRCB: State Water Resources Control Board
G. NPDES: National Pollutant Discharge Elimination System General
H. WDID: Waste Discharger Identification number
I. BMP: Best Management Practices

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PART 2 - PRODUCTS

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PART 3 - EXECUTION

3.01 SWPPP

A. Comply with State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No.

CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.

B. A SWPPP has been developed for this project. The SWPPP is a dynamic document and will change as conditions (weather or construction phases) warrant.
C. Implementation of the SWPPP is the responsibility of the Contractor and a part of this project. Costs associated with implementation and maintenance of the BMPs per the SWPPP shall be included in the lump sum base bid.
D. Major changes to the SWPPP shall be reviewed by the City's QSD prior to implementation. Cost associated with the major changes will be paid for using the unit cost listed in the Additions or Deletions Sheet of the Proposal
E. The City's QSP will perform weekly inspections of the jobsite. Implementation of and minor changes to the SWPPP as directed by the City's QSP shall be incidental to the Work. Contractor shall start all inspection corrective actions within 72 hours of observation, and complete as soon as possible.
F. All BMPs installed will be inspected by the City's QSD/QSP for compliance with the SWPPP and BMP Fact Sheets. BMPs that are not in compliance shall be brought into compliance by the Contractor at no cost to the City.
G. Keep one copy of the SWPPP and amendments at the project site.
H. The SWPPP shall be readily available throughout the course of construction and until the NOT has been accepted by SWRCB. The SWPPP shall be made available upon request by a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency, or City' storm water staff.
I. At the end of the establishment period, the Contractor shall submit the project site copy of the SWPPP including copies of all inspections, Rain Event Action Plans (REAPs), reports, and sampling and analysis results to the City's Project Manager.

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3.02 Schedule

A. Contractor shall develop a Water Pollution Control Schedule that describes the timing of grading or other work activities that could affect water pollution. The schedule shall be updated by the Contractor to reflect changes in the Contractor's operations that would affect the necessary implementation of water pollution control practices. The typical sequence of work shall be adjusted by the Contractor based on weather conditions and forecasted rain events. The schedule is considered an appropriate and applicable BMP.

3.03 Penalties and fines

A. Contractor is responsible for all penalties and fines assessed to or levied on the project related to the implementation of the SWPPP.

B. In an effort to maintain compliance with the General Permit, the Contractor may be asked to make changes to the BMPs. If the Contractor is unable to perform these services in a timely manner the City reserves the right to address any areas of concern and deduct the cost from the contract.

3.04 Inlet Filters

A. Drain inlet filters may be employed in lieu of straw bales. Horizontal mesh filters attached to the top of or below the drain inlet grate shall not be allowed. Only high flow volume, bag type filters or others as accepted by the Public Works Inspector shall be used.

3.05 Silt Fence and Straw Wattles

A. Silt fences and straw wattles may be employed in lieu of, and are preferred to straw bales.

3.06 Slope Protection/Erosion Control

A. All slopes greater than 10:1 shall be covered with broadcast straw at a rate of 50 bales or 4,000 pounds per acre. Slopes exceeding 4:1 shall have straw pressed in place or a tackifier shall be applied.
B. All slopes along building frontages (from the building setback line to the City right-of-way) exceeding 4:1 shall have erosion netting installed (jute or as accepted by the Public Works Inspector).
C. Slopes steeper than 4:1 and adjacent to City of Roseville right-of-way, flood plains, natural drainages, park land or designated open space shall require broadcast seeding and shall be covered with straw matting.
D. Hydroseed shall not be used on slopes where broadcast straw, erosion netting or straw matting are specified above, except as an additional measure to them. Within a site, protection of bare and/or disturbed slopes which are isolated from areas requiring erosion protection shall be addressed on the plans. Hydroseeding may be an acceptable alternative in isolated expanses, regardless of slope.
E. From the back of City sidewalk to 25 feet back, all disturbed, bare slopes of less than 10:1 shall be hydroseeded. Broadcast straw as specified above for 10:1 or steeper slopes is an acceptable option.

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3.07 Straw Bales

A. Straw bales shall be stockpiled on the site at a rate of 1.5 bales per acre by October 1. Measures shall be provided to keep straw dry.

3.08 Silt Controlling Devices

A. Use of alternative silt controlling devices will be review and accepted at the discretion of the City's QSD.

3.09 Cleaning

A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.

B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

Delete this article if winter suspension is not required

3.10 Winter Construction Suspension

A. Contractor shall include a winter construction suspension as part of the construction schedule. The counting of working days will be suspended during the winter suspension period. It is at the City's sole and complete discretion to determine the start and end dates of the winter construction suspension. The City will notify the Contractor 10 working days before the start of the winter construction suspension. The City will notify the Contractor 10 working days before the end of the winter construction suspension. The Contractor shall begin work within 15 calendar days after receiving the notice of the end of the winter construction suspension.

B. Contractor shall include an allowance of *($15,000)* for the winter construction suspension. Costs associated with preparing the site for the winter construction suspension and costs associated with corrective actions required during the winter construction suspension will be paid for using the allowance. Costs to implement and maintain the BMPs per the Erosion and Sediment Control Plan are excluded from the winter suspension allowance and shall be included in the lump sum base bid.

C. Prior to the winter construction suspension, stabilize all exposed soils with hydroseed and straw. Hydroseed shall consist of annual rye grass seed at 20 lbs/acre and mulch at 1 ton/acre. Straw shall be placed at 2 tons/acre and tackifier shall be placed over the straw to prevent dislocation by wind. In addition, all adjacent drainage inlets shall be protected and perimeter control shall be installed and in good repair.

D. Traffic on the construction site shall be kept to minimum. All traffic entering or exiting the site must use the stabilized construction entrance.

E. Where there are areas of concentrated runoff flows, Contractor shall protect the soil from erosion.

F. Per the Construction General Permit Requirements, inspections by the City's QSD/QSP will continue into and through the winter suspension period. Inspections will occur before, during, and after each qualifying storm event (0.5" or more precipitation) and at least once per week. Contractor shall start all inspection corrective actions within 72 hours of observation, and complete as soon as possible.

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G. Should rain be forecast at 50% or better by NOAA, the City's QSD/QSP will prepare a Rain Event Action Plan (REAP) and email such document to the Contractor. Contractor shall complete all corrective actions within the REAP prior to the start of precipitation.
H. The City's QSD/QSP will be sampling all discharge to ensure compliance with runoff standards for pH and turbidity. If the water sampling indicates compliance issues, Contractor shall make repairs or adjustments to BMPs immediately, and respond to any such requests within 24 hours.

END OF SECTION

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SECTION 03 30 00
SITE CONCRETE

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of all concrete work, flatwork and poured-in-place as shown in the Plans and as specified herein.

1.03 References

A. Caltrans Standard Specifications, latest edition.

B. California Building Code (CBC) and California Administrative Code (Title 24), latest editions.

1.04 Quality Assurance

A. For all flatwork, the Contractor shall pour a six-foot by six-foot (6' x 6') sample of each type of finish specified for review and acceptance by the Project Manager prior to pouring any concrete. The accepted samples shall remain on-site and intact until all concrete work has been completed. The quality of the concrete work shall be measured by the accepted samples.

B. During the course of construction, a qualified testing laboratory shall obtain samples as determined by the Inspector and conforming to federal and state codes and standards. Such costs shall be paid for by the City. Re-tests and removal of below acceptable strength concrete shall be borne by the Contractor. The Contractor shall cooperate with the testing during the course of obtaining such samples.

C. Variances in surface grades of more than 1/8", as measured by a straight edge ten feet (10') long, shall be corrected to the satisfaction of the Inspector. Remove all areas where standing water occurs, including any surface irregularities.

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1.05 Handling and Storage

A. Comply with ATSM C-94, “Specifications for Ready Mix Concrete” for the batch, mix and transport of concrete.
B. Mix and deliver only the amount that will be poured immediately.

1.06 Record Drawings

A. The Contractor shall keep an accurate record of the as-built conditions of the site concrete. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the “as-builts” to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Concrete

A. Concrete for play area curbs, sidewalks, and accessible ramps shall conform to the provisions of Section 90-2 “Minor Concrete” of the Caltrans Standard Specifications. Cementitious material shall be „Type II Modified” and shall contain no less than 505 pounds of cementitious material per cubic yard. Aggregate shall be not greater than one-inch or smaller than 3/8-inch. Submit concrete analysis for review and acceptance prior to placement of concrete.

2.02 Fiberglass Reinforcement

A. Fibers for concrete shall be Fibermesh 150, as manufactured by Propex Operating Company; or accepted equal. Fibers shall contain 100 percent virgin polypropylene multifilament fibers, e3 patented technology, containing no reprocessed olefin materials. The fibers shall conform to ASTM C1116 Type III and manufactured specifically for the secondary reinforcement of concrete.

2.03 Expansion Joint Material

A. Fiber expansion joint shall conform to ASTM-1751 and shall be a non-extruding resilient filler. Filler shall have preserve attributes and high quality bituminous materials.
B. Apply Sikaflex elastomeric sealant, or accepted equal, over all expansion joints.

2.04 Concrete Forms

A. All forms shall be new at the start of the project and shall be construction grade Douglas Fir. Minimum size lumber shall be 2 x 6.
B. Radius bends shall be formed by spring steel forms or laminated boards, as required.
C. Plywood shall be 5/8”, Class I, exterior grade as outlined in APA “Guide to Plywood Grades”. Omit mill oiling treatment.

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2.05 Coloring Agents

A. Per Plans.

B. All colored concrete admixtures shall be integral.

2.06 Seeded Aggregate

A. Aggregate shall be clean, washed aggregate as selected. Provide samples of rock mixture.

PART 3 - EXECUTION

3.01 Poured-In-Place Concrete Forms

A. Concrete for hardscape or flatwork shall be placed on subgrade compacted to 95% relative compaction. Prior to placement of concrete, a soils compaction test must be performed by an accepted soils testing professional on a representative number of locations along the flatwork area. The City or project owner shall provide the initial test. The results of these tests must be available and meet acceptable levels prior to pouring. Re-tests and re-work of any area, as directed by the soils professional, shall be the responsibility of the Contractor.

B. Construct forms to conform to the shapes, dimensions and details shown on the Plans. All forms shall be true to lines, plumb, level and square.

C. Forms shall not leak, spread, shift or settle when concrete is placed.

D. All forms shall carry dead and live loads and shall not deflect more than 1/8" between supports after placement of concrete.

E. All forms shall be thoroughly soaked a minimum of twelve (12) hours prior to pouring of concrete. Forms shall be treated per manufacturer's recommendations.

F. Reuse of forms may be allowed at the discretion of the Inspector. Reused forms shall be cleaned and free of defects that would affect the final concrete finish.

G. Concrete footings shall be formed only when excavations slump or cave in. Over-excavate the trench or footing diameter to accommodate the forms' installation and removal. Apply water to moisten soil. Do not allow water to create mud or ponding.

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3.02 Fiberglass Reinforcement

A. Install per manufacturer's instructions. Apply at the batch plant prior to delivery. Thoroughly mix fiber material to avoid "clumping".

3.03 Expansion Joints

A. Expansion joints shall be placed where vertical elements meet horizontal paving unless otherwise noted on the Plans. This shall include vertical expansion joints on play area curb walls, buildings, shade structures, walls and/or planters. The corners of the paving shall be tooled at the expansion

joints. Trim exposed fibers which protrude above or beyond the finish surface of paving or the finish surface of the wall.

3.04 Control Joints for Concrete Sidewalks

A. Control joints shall be per detail PK-32 with deep, straight and finished with rounded edges. Control joints shall be placed (on-center) a distance equal to the width of the concrete walkway, unless otherwise shown on the Plans. For example a ten-foot wide walkway shall have control joint placed ten feet on center.

3.05 Admixtures

A. Water reducing admixtures, if used, shall comply with ASTM C494 and ACI 318-14 and section 26.4.1.4.19(a).
B. Air Entraining Admixtures, if used, shall comply with ASTM C260 and ACI 318-14, section 26.4.1.4.

3.06 Coloring Agent

A. Per Plans.

3.07 Placement of Concrete

A. Do not pour concrete in weather below 40 degrees F. or when temperatures are predicted to fall below freezing within 24 hours, except with prior authorization.
B. Concrete shall be transit mixed according to ASTM C-94. Limit the quantity of water to the required strength. Concrete shall be of a consistency that it flows slowly into the forms.
C. Mixing of concrete shall be continuous commencing from the time water is added to the mix until such time that the concrete is poured. All concrete shall be placed within an hour of the time when water is first added.
D. Concrete shall be deposited up to the finished height of the forms and up to the adjacent joint. No partial pours will be allowed. Excess material shall be dumped on-site and later removed by the Contractor.
E. Thoroughly compact the concrete manually spading and tamping concrete into all corners of the forms and by utilizing a high-speed mechanical vibrator. Retain a standby vibrator on-site during the course of concrete work. When utilizing the vibrator, take precautions to avoid impact on the forms.
F. After obtaining uniform compaction, screen tamper all flatwork surfaces, screed and bull float to ensure that large aggregates are pushed below the surface. When it is practical to work on the surface, wood float, steel trowel paving to a uniform surface.

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G. Concrete elements shall not exceed the following tolerances:
   1. Linear: 1/8”
   2. Slab deviation: 1/8” in 10‟

3.08 Finishes

A. Finishes shall be as shown on the Plans and shall be consistent in quality throughout the project. Medium broom finished concrete shall have clean, deep control joints spaced appropriately. No visible cracks or discoloration will be accepted. Finishes on vertical surfaces shall be consistent throughout. Vertical expansion joints are spaced as identified on the plans and are smooth with the finish surfaces. All edges for flatwork and vertical surfaces shall be eased at a consistent radius.
B. Upon completion of float finishing, provide the final finish as follows:
   1. Medium Broom Finish: shall be accomplished by pulling a stiff bristle broom across a floated surface. The direction of the broom shall be perpendicular to the path of travel, unless otherwise shown on the Plans.
   2. Acid Washed Finish: shall be accomplished after the slab has cured and no sooner than two (2) weeks after the concrete had been placed. Remove the cement film from the surface of the aggregate by an acid wash. Delaying the acid wash additional time is permissible. The slab shall be saturated with water, brushed free of standing water and washed with 5% to 10% solution muriatic acid. Several flushings with clear water should follow until the surface matches the accepted sample panel.

3.09 Removal of Forms

A. Forms shall remain in place as follows:
   1. For mass concrete work: 5 days.
   2. For other flatwork and other concrete work: 3 days.
B. Remove all bolts, nails, ties, wires, etc. a minimum of one inch (1”) below the surface of the concrete. Remove imprints, irregularities or other such defects and patch as directed by the Inspector.

3.10 Curing and Protection

A. Allow adequate time for the concrete to cure. In temperatures above 75 degrees F., ensure that the concrete surface remains wet for a period of seven (7) days minimum.
B. Protect all concrete from damage during the curing period. This shall include damage from sun, rain, flowing water, frost, mechanical injury, tire tracks, footprints, oil stains, etc. Should such damage occur, Contractor shall take immediate action to repair damage to the satisfaction of the City.

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3.11 Clean-Up

A. During the course of this work, the area shall be kept clear and free of debris as realistically possible. Upon completion of concrete work, completely remove from the site all used forms, hardware, spillage, rejected work and other materials.

B. Remove from site furnishing posts all concrete “slobber”. Re-touch posts as necessary for a clean finish.

END OF SECTION

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SECTION 04 20 00
UNIT MASONRY (GENERAL)

PART 1 - GENERAL

1.01 Conditions

A. The general provisions of the Contract, including General and Supplementary Conditions and General Requirements apply to the work specified in this section.

1.02 Scope of Work

A. Provide all labor, materials, and equipment required to complete the unit masonry work as indicated on the Drawings and/or specified herein.
B. Work includes, but not limited to the following:
   1. Concrete masonry units.
   2. Pre-cast Elements.
   3. Installation of all required reinforcements, fasteners, anchors and accessories.
   4. Cleaning of unit masonry.
C. Related work specified in other sections:
   1. Section 03 30 00: Concrete

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1.03 Quality Assurance

A. Material and installation standards: Comply with recommendations of the Brick Institute of America (BIA) standards; National Concrete Masonry Association standards; and ASTM standards.
B. Verify all measurements indicated on Drawings by taking field measurements; proper fit and attachment of all units is required.
C. Accurately fit, cut, and securely mortar together all units to produce a plumb, level and rigid installation.
D. All work and materials shall comply with Uniform National Building Codes (latest edition), and all other applicable codes and ordinances that govern the work of this Section.

1.04 Qualification of Installers

A. Installers shall be trained and experienced in the skills required and shall be completely familiar with the materials and their installation. Qualified installers shall be present at all time during the progress of work.

1.05 Coordination

A. Coordinate with all other trades whose work relates to unit masonry installation for placing all required reinforcements, fasteners, anchor, accessories, etc.

1.06 Submittals

A. Submit for Landscape Architect's written approval two (2) representative samples of each unit specified.
B. Submit manufacturer's certificate that units meet or exceed material specifications.

PART 2 - PRODUCTS

2.01 Concrete Masonry Units

A. ASTM C-652, concrete masonry hollow units, wire cut. Standard and bond beam units. Size and color as indicated on the Drawings. Color shall be standard grey.

2.02 Stone Veneer

A. As shown on Drawings.

2.03 Precast Concrete Molding and Baseboard

A. As shown on Drawings.

2.04 Masonry Mortar

A. ASTM C-270, Type M, consisting of one (1) part cement and three (3) parts sand with quarter (1/4) part lime.
B. LATICRETE 3701 grout and Mortar Admix
C. Mortar compressive strength at 28 days shall be 3000 PSI

2.05 Grout

A. Grout mix ratio by volumes: one part Portland Cement (ASTM C-150, Type 1); two parts minimum to three parts maximum damp loose sand, two (2) parts coarse aggregate (ASTM C-404).
B. LATICRETE 3701 Grout and Mortar Admix.
C. Grout compressive strength at 28 days shall be 3000 PSI.

2.06 Unit Masonry Reinforcement

A. Horizontal Joint Reinforcement: Truss type, hot-dipped galvanized zinc coated steel construction; 3/16 inch side rods with No. 9 cross ties.
B. Horizontal and vertical rebar reinforcements: ASTM A-615, Grade 40, size as indicated on the Drawings.

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2.07 Concrete

A. As per Section 03 30 00: Concrete

PART 3 - EXECUTION

3.01 General

A. Supply anchor devices as indicated on the Drawings and as required to install materials as specified in other sections of work.
B. Cut units where required with a power saw or order units pre-cut from manufacturer.
C. Construct walls and other masonry construction to the full thickness indicated on the Drawings, using unit sizes as indicated.
D. Establish lines, levels, and coursing. Protect from disturbances.

3.02 Coursing

A. Install units straight and plumb with all courses true to line and level.
B. Install units in pattern as indicated on the Drawings.
C. Maintain unit courses to uniform width. Make vertical and horizontal joints equal and of uniform thickness.

3.03 Placing and Bonding

A. Lay units in full bed of mortar properly jointed with other work.
B. Install full mortar coverage of vertical and horizontal face of joints. Maintain uniform joint width of 3/8” – 1/2”, depending on nominal unit sizes. Cut joints flush and tool slightly concave.
C. Fully bond intersections and external and internal corners.
D. Do not shift or tap units after mortar has taken initial set. Where adjustment must be made remove mortar and replace.
E. Remove excess mortar.
F. Fill hollows at concrete masonry units solid with grout or as indicated on the Drawings. Fill hollows of structural brick block units where reinforcement occurs solid with grout or as indicated on the Drawings.
G. Wall caps shall be epoxied and anchored in place.

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3.04 Reinforcement

A. Horizontal joint reinforcement: Place masonry joint reinforcement sixteen (16) inches on center or as indicated on the Drawings.
B. Place joint reinforcement continuous and lap reinforcement according to the recommendations of the Manual of Standard Practice of the Concrete Reinforcing Steel Institute.
C. Horizontal and vertical rebar reinforcement: Install with bond and beam spacing and rebar spacing as indicted on Drawings.

D. Place and consolidate grout fill without disturbing reinforcing. Cells containing reinforcement shall be grouted solid.

3.05 Curing and Protection

A. Provide thorough curing of joints and grout pours.
B. Protect newly laid masonry from exposure to precipitation, excessive drying, freezing, soiling, backfill and other harmful elements.

3.06 Waterproofing & Graffiti Seal

A. All walls below grade shall be waterproofed on the backside extending from the foundation to the brick cap.
B. Install in conformance with manufacturer's specifications.
C. Apply 2 clear coats of graffiti sealant on exposed exterior and interior surfaces. Submit proposed sealant type and conform to manufacturer specifications.

3.07 Cleaning

A. Brush off excess mortar as work progresses. Dry-brush masonry at end of each day's work.
B. Clean masonry with cleaners and methods as recommended by the manufacturer of the masonry units.
C. Rinse walls by washing off cleaning solution, dirt and mortar using clean, pressurized water.
D. Repair damage to adjacent materials that occurs during cleaning operation at no additional cost to the Owner.

END OF SECTION

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SECTION 05 12 00
STRUCTURAL AND MISCELLANEOUS STEEL (GENERAL)

PART 1 - GENERAL

1.01 Conditions

A. The general provisions of the Contract, including General and Special Provisions apply to the work specified in this Section.

1.02 Scope of Work

A. Furnish all labor, materials, and equipment as required to fabricate and install all structural and miscellaneous steel work as indicated on Drawings and specified herein.
B. Although such work or materials are not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a secure and complete installation.
C. Provide shop drawings for all work.
D. Completely coordinate with work of all other trades.

1.03 References (Latest Edition)

A. AISC: Standard Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings by the American Institute of Steel Construction (AISC).
B. AISC – Code of Standard Practice – Manual of Steel Construction – Allowable Stress Design (ASD).
C. AISC – Code of Standard Practice of Steel Buildings and Bridges.
D. ASTM A36 – Structural Steel.
E. ASTM A-53: Black and Hot Dipped Zinc – Coated Welded and Seamless Steel Pipe.
F. ASTM A-120: Black and Hot Dipped Zinc – Coated Welded and Seamless Steel Pipe.
G. ASTM A307 – Carbon Steel Externally Threaded Standard Fasteners.
H. ASTM A500 – Cold Formed Welded and Seamless Carbon Steel Structural Tubing in Round and Shapes.
I. ASTM A501 – Hot Formed Welded and Seamless Carbon Steel Structural Tubing.
J. AWS A2.4 – Symbols of Welding, Brazing, and Nondestructive Examination.
K. AWS D1.1 – Structural Welding Code.
L. SSPC (Steel Structures Painting Council) – Painting Manual.

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M. California Building Code (CBC), latest edition.

1.04 Regulatory Requirements

A. Safety Requirements: Work shall comply with all Federal, State and municipal regulations regarding safety, including the requirements of the following:
   1. William-Steiger Occupational Safety & Health Act of 1970
   2. State of California, California Administrative Code, Title 8 Industrial Relations, Chapter 4, Subchapter 4, “Construction Safety Orders” and other State and local agencies having jurisdiction.

B. California Building Code (CBC), latest edition.

1.05 Submittals

A. Shop Drawings: General
   1. Before any structural steel is fabricated or delivered to jobsite, submit Shop Drawings in accordance with the General Conditions of these specifications.
   2. Shop Drawings shall clearly show all pieces with all pertinent dimensions, data, layout, sizes and weights, connections, and all controlled dimensions and elevations. Drawings shall clearly distinguish between shop and field bolts and welds. Errors in dimensions shown on shop drawings shall be responsibility of Contractor.
   3. Show details, including cuts, copes, connections, holes, threaded fasteners, and welds in accordance with AWS.
   4. Indicate which structural units, members or brackets require field cuts or welds due to construction techniques.
   5. Indicated metal fabricator’s method for radius form bents of pipe or tubing.
   6. All shop and field welds shall be indicated by AWS Welding Symbols.
      a) Indicate size, length and type of each weld.
      b) Special Inspection required by CBC and Building Department.

B. Welding:
   1. Certification of Welder’s Qualifications.
   2. Welding Procedure: Submit descriptive data to illustrate welding procedures to be performed.

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1.06 Quality Assurance

A. Fabricated structural steel members in accordance with AISC Code of Standard Practice.
B. Perform Work in accordance with AISC Section 10.
C. Perform Work in accordance California Building Code (CBC), latest edition.
D. All welding procedures, welders, welding operation, and tackers shall be qualified in accordance with AWS Standard Code D1.1.
E. Maintain one copy of each document on site.

F. Fabricator: Company specializing in performing the work of this section.
G. Erector: Company specializing in performing the work of this section.
H. All construction shall conform to applicable building codes, project specifications and applicable regulations. Where the provisions of applicable codes, material manufacturer's requirements, and project specifications conflict, the more stringent provision shall govern.
I. Certification: Furnish, before fabrication, a mill certified report (in duplicate) of the tests for ach heat of steel or iron from which the material is to be fabricated, containing the results of chemical and physical tests required by the ASTM specifications for the materials.
J. Qualify welding processes and welding operators in accordance with AWS "Standard Qualifications Procedure". Provide certification that welders to be employed in work have satisfactorily passed AWS qualification test within the previous twelve (12) months. If recertification of welders is required, retesting will be Contractor's responsibility.
K. Work shall comply with the Drawings, Specifications and accepted Shop Drawings in every aspect. All errors of fabrication and connections, defective materials, fasteners, and workmanship shall be replaced at the expense of the Contractor.

1.07 Delivery, Storage and Handling

A. Deliver anchor bolts and anchorage devices which are to be embedded in cast-in-place concrete or masonry in ample time so as not to delay that Work.
B. Store materials to permit easy access for inspection and identifications. Keep steel members off the ground using pallets, platforms, or other supports. Protect steel members and packaged materials from corrosion and deterioration. Remove any damaged items from the site and replace at no cost to the Owner.
C. Use all means necessary to protect structural steel before, during and after installation.

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1.08 Coordination

A. Coordinate and furnish all required anchorages, templates, and patterns, setting drawings, and installation directions for all built-in items. Supervise the proper location and the installation of all built-in items. Deliver all items required to be embedded in concrete, masonry or built into other material to their respective Contractor. Provide holes and connections for Work of others Contractors.

1.09 Field Measurements

A. Take field measurements prior to preparation of Shop Drawings and metal fabrication. Proper fit and attachments of all items is required; allow for trimming and fitting when taking field measurements before metal fabrication.

1.10 Shop Assembly

A. Preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation.

PART 2 - PRODUCTS

2.01 General

A. Use materials of size and thickness indicated or, if not indicated, as required to produce strength and durability in finished product for use intended.

B. Metal surfaces used for fabrications of miscellaneous metal items which will be exposed to view shall be smooth and free of surface blemishes including pitting, seam marks, roller marks, rolled trade names and roughness.

C. All other materials not specifically described, but required for a complete and proper installation, shall be new, free from rust, best quality of their respective kind, and subject to the approval of the Project Inspector.

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2.02 Steel Plates, Shapes and Bars

A. All miscellaneous steel shall be standard cold-rolled sections, new, free from rust, and conforming to ASTM A-36.

2.03 Steel Pipe

A. All steel pipe shall be black steel pipe, except where indicated to be galvanized, complying with provisions of:
   1. ASTM A-120, Schedule 40 for pipe less than four (4) inch diameter.
   2. ASTM A-53 ERW for pipe greater than four (4) inch diameter.

2.04 Steel Tubing

A. All steel tubing shall be cold-formed steel tubing conforming to ASTM A-500, Grade B.

2.05 Fasteners

A. General: Provide electro-zinc plated fasteners for exterior use or where built into exterior walls or slabs. Select fasteners for the type, grade and class specified.

B. Bolts and Nuts: Regular hexagon-head carbon steel type conforming to ASTM A-307, Grade A with electro-zinc plating.

C. Flat Washers: U.S.S. standard round carbon steel type conforming to FS FF-W-92 with electro-zinc plating.
D. Lock Washers: Helical spring carbon steel type conforming to FS FF-W-84 with electro-zinc plating.
E. Anchor Bolts: Nonheaded “J” bolt type, unless otherwise indicated on Drawings, conforming to ASTM A-307, Grade A with electro-zinc plating.

2.06 Shop Paint

A. Primer shall be Red Oxide Primer, conforming to Federal Specification TT-P-31 for steel surfaces and Federal Specifications TT-P-64b for galvanized surfaces.

2.07 Grout

A. Pre-mixed, factory packaged, non-shrinking, non-metallic, non-staining, non-corrosive and non-gaseous group complying with CE CRD-C588. Provide grout specifically manufactured for exterior applications.

PART 3 - EXECUTION

3.01 General

A. Comply with AISC Code and Specifications and maintain Work in safe and stable conditions during erection. Provide temporary bracing and shoring as required; remove when final connections are in-place.
B. Execute all Work using skilled metal workers only. Do all welding as per AWS Specifications with certified welders.
C. When possible, fit and shop assemble all metal Work, ready for installation, with shop and field connections welded or attached with fasteners as indicated on Drawings.
D. Prior to all work of this Section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where fabrication and installation of the work of this section may properly commence.
E. Make all required measurements in the field to ensure proper and adequate fit of miscellaneous metal items.
F. It is the intent of the Drawings to indicate detail connections. Where connection detail is not shown, detail shall be patterned after a connection similar condition, or an AISC standard type.

3.02 Fabrication

A. General
    1. Use materials of size and thickness indicated on Drawings or on accepted Shop Drawings to produce strength and durability in finished product for use

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intended. Work to dimensions are indicated on drawings or on accepted Shop Drawings, using proven details of fabrication and support.

2. All fabrication shall be in accordance with AISC Specifications for fabrication of structural steel, California Building Codes, and requirements of regulatory agencies.
3. Do not field cut or alter structural metal units, members or brackets without accepted Shop Drawings.
4. Fabricate and pre-assemble work in shop to greatest extent possible.
5. Fabricate exposed work true to line, shape and level with accurate angles and radiuses. Ease exposed metal edges to a radius of approximately 1/32 inch.
6. Make cuts, bends, punching and drilling accurate, neat and properly located. Grind and file smooth all parts exposed to view; leave exposed surfaces free of fabrication marks. Mark and match-mark units requiring field assembly.
7. All welds shall be continuous, unless otherwise indicated, complying with AWS Specifications. Form exposed connections with tight, flush and smooth hairline joints. Grind exposed welds smooth and flush to match and blend with adjoining surfaces.
8. Cut, reinforce, drill and tap fabricated metal work as indicated on Drawings to receive finish hardware, fasteners and similar items.

B. Bolted Connections:
   1. Punch or drill holes 1/16 inch larger than bolt size and spear-ream before inserting bolts.
   2. Ream unfair holes, but only up to next larger bolt size. Where unfairness exceeds maximum, weld hole in base material solid and drill hole of proper size.
   3. As erection progresses, bolt up work to take care of dead load, lateral forces, and erection stresses. Provide any additional bracing necessary to resist all possible forces during erection. Contractor is entirely responsible for the stability of the structural steel work until the job is complete.

C. Assembly with Standard Threaded Fasteners:
   1. Beveled Washers: Provide under bolt heads or nuts resting on surfaces exceeding 5 percent slope with respect to head or nut.
   2. Draw up tight, check threads with chisel, or provide approved lock washers or self-tightening nuts.

D. Welded Connections:
   1. Perform welding using shielded metal arc, submerged arc, gas metal arc, or flux cored arc methods in accordance with appropriate sections of AWS D1.1 and CBC Chapter 27.

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2. In addition to specific requirements of Drawings, details of welded joints shall comply with all requirements for joints which are accepted without qualification tests under the AWS Code. If sizes of fillet welds are not shown on Drawings, use AWS minimum weld size, but not less than thinnest part thickness minus 1/16 inch.
3. Plan welding operations to eliminate stress build-up.
4. Field Welding:
   a) Perform field welding in accordance AWS D1.1.
   b) Where field welding is applied to existing flexural members involving application of significant amounts of heat to member, provide temporary shoring to prevent deflections.
   c) Provide Special Inspection per the CBC, latest edition.

E. Column Bases:
1. Finish in accordance with AISC. Lack of contact bearing with column shall not exceed 1/16 inch.

F. Bearing Plates:
1. Finish in accordance with AISC. Provide for attachment as shown on Drawings.
2. Cut, drill (tap where indicated or required), or punch holes perpendicular to metal surfaces. Do not flame cut holes or enlarge holes by burning. Drill holes in bearing plates.

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3.03 Shop Painting

A. Shop paint all metal Work, except members or portions of members to be embedded in concrete or masonry, surfaces and edges to be field welded, stainless steel, and galvanized surfaces, unless otherwise indicated.
B. Clean all metal work to be primed and painted in accordance with Section 09 91 00 – Painting and Finishes.
C. Immediately after surface preparation brush or spray on primer in accordance with manufacturer's instruction at a rate to provide uniform dry film thickness of 20 mils for each coat. Use painting methods which will result in full coverage of joints, corners, edges and exposed surfaces.
D. Apply one (1) shop coat to fabricated metal items, except apply two () coats of primer to surfaces inaccessible after assembly or installation.
E. Give any painted built-in portions one (1) field coat of primer on all abraded areas after installation.

3.04 Galvanizing

A. All metal fabrications intended for exteriors use or for use in high moisture areas are to be hot-dip galvanized, unless otherwise noted.

B. Hot dip galvanizing or zinc coatings, applied on products fabricated from rolled, pressed and forged steel shapes, plates, bars and strips shall comply with ASTM Specification A123-73.
C. Hot dip galvanizing or zinc coatings on assembled steel products shall comply with ASTM Specifications A386.
D. The weight of coatings shall be as designated in Table 1 for the class and thickness of material to be coated. Galvanized surfaces for which a shop coat of paint is specified shall be chemically treated to provide a bond for the paint.
E. Except for bolts and nuts, all galvanizing shall be done after fabrication.

3.05 Installation

A. General:
   1. Compliance: Erect and install all miscellaneous metal in strict accordance with the Drawings, the reviewed shop drawings, and the referenced standards, aligning straight, plumb, and level within a tolerance of one in 200. Accurately assemble structural steel to lines and elevations indicated, within specified AISC tolerances.
   2. Splice metal work only where indicated and approved on shop Drawings.
   3. Install anchorage devices and fasteners where required for securing miscellaneous metal fabrications to in-place construction; including anchorage devices and fasteners that require to be cast into concrete or masonry. Provide temporary bracing or anchors in formwork for items cast into concrete or similar construction.
   4. Perform cutting, drilling, and fitting required for installation of miscellaneous metal fabrications. Set Work accurately in location, alignment and elevation. Install items plumb, level, true and free of rack; measured from established lines and levels.
   5. Fit exposed connections accurately together to form tight hairline joints. Weld connections which are not to be left as exposed joints, but cannot be shop welded due to shipping size limitations. Grind exposed joints smooth and touch-up shop paint coat.
   6. Do not weld, cut or abrade the surfaces of exterior units which have been hot-dip galvanized after fabrication, and are intended for bolted or screwed field connections.
   7. All field welds shall conform to AWS Specifications. Grind all exposed welds smooth and flush to match and blend with adjoining surfaces.
   8. Clean and touch-up all field welds and scratches with shop paint as specified.

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3.06 Finishes

A. Finish all fabricated metal Work as per Section 09 91 00: Painting and Finishes

END OF SECTION

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SECTION 09 91 00
PAINTING AND FINISHES (GENERAL)

PART 1 - GENERAL

1.01 Conditions

A. The general provisions of the Contract, including General Conditions and Special Provisions apply to the work specified in this Section.

1.02 Description

A. Work includes, but is not limited to the following:
   1. Provide all materials, tools, equipment, appliances, labor and supervision required to paint and finish all surfaces and/or components as specified herein and as indicated on the Drawings, including all miscellaneous items and labor required to complete the Work of this Section.
   2. Surface preparation, priming and painting of all metal surfaces as indicated on Drawings or as follows:
      a) Miscellaneous surfaces.
   3. All surfaces that are left unfinished by the requirements of other sections shall be painted or finished as part of this contract.

B. Related Work described elsewhere.
   1. Section 05 12 00: Structural and Miscellaneous Steel

C. Definition: The term “paint”, as used herein, shall mean all coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime intermediate or finish coats.

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1.03 Work Not Included

A. Pre-Finished Items: Unless otherwise specified or indicated on the Drawings, do not include the painting of items that are specified to receive manufacturer’s factory finish, i.e. such items as site furnishings, irrigation equipment, electrical equipment, etc. See applicable Sections.

B. Finished Metal Surfaces: Unless otherwise specified, all metal surfaces or anodized aluminum, stainless steel, chromium plate, copper, bronze or similar finished materials do not require painting.

1.04 Submittals

A. Provide in accordance with the General Conditions prior to ordering material, a complete, detailed list of materials proposed for use on work. Include affidavit from manufacturer stating that proposed materials are the best of their

respective kinds and suitable for intended purpose. Submit in ample time to avoid delays in work if the list, or portions thereof, are rejected.

B. Painter shall prepare and submit color samples to match color chips in 12- inch square size and must receive approval from Project Inspector before applying final paint coats to finish surfaces. Approved samples shall be retained at the Project Inspector's office for record.

1.05 Paint Coordination

A. Provide prime coats which are compatible with finish paints used. Review other Sections of these specifications in which prime paints are to be provided to ensure compatibility of total painting system for various surfaces. Upon request from other trades, furnish information and specifications for finish materials proposed for use, to ensure compatible prime coats are used. Provide barrier coats over incompatible primers or remove and reprime as required. Notify Project Inspector in writing of any anticipated problems using specified painting systems with surfaces primed by others.

1.06 Job Conditions

A. Applicator shall examine areas, surfaces and conditions under which painting Work is to be applied and notify the Project Inspector in writing of conditions detrimental to proper and timely completion of Work. Do not proceed with Work until unsatisfactory conditions have been corrected in a manner acceptable to Project Inspector and Applicator, or Applicator shall assume responsibility for and rectify any unsatisfactory finish resulting.

B. Starting of painting Work shall be construed as Applicator's acceptance of surfaces and conditions.

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1.07 Weather Conditions

A. Apply water base paints only when temperature of surfaces to be painted and surrounding air temperature are between fifty (50) degrees F (10 degrees C) and ninety (90) degrees F (32 degrees C), unless otherwise permitted by paint manufacturer's printed specifications.

B. Apply solvent-thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between forty-five (45) degrees F (7 degrees C) and ninety-five (95) degrees F (35 degrees C), unless otherwise permitted by paint manufacturer's printed specifications.

C. Do not apply paint in rain, fog or mist; or when relative humidity exceeds eighty-five (85) percent; or to damp or wet surfaces.

1.08 Delivery and Storage

A. Deliver materials to job site in original, new and unopened packages or containers bearing manufacturer's name and label, and the following information:
   1. Manufacturer's Name
   2. Manufacturer's stock number and date of manufacture
   3. Special color mix: name and number
   4. Contents by volume for major pigment and vehicle constituents
   5. Thinning instructions
   6. Application instructions

B. Store materials and equipment as approved by applicable codes and enforce good housekeeping practices. Any soiled or used rags waste, etc., shall be removed from the site every night and every precaution shall be taken to avoid the danger of fire. No paint materials shall be washed or emptied on the site or into any sewer drains, storm drains or street gutters.

1.09 Protections

A. Protection Work of other trades, whether to be painted or not, against damage by painting and finishing Work. Provide suitable covering or other methods of protection during progress of this Work. Correct any damage by cleaning, repairing or replacing, and repainting, as acceptable to the Project Inspector.

B. Provide "Wet Paint" signs as required to protect newly painted surfaces. Remove all protective materials upon completion of the Work and touch-up and restore all damaged or defaced surfaces, including the removal of paint spots from other surfaces.

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1.10 Guarantee

A. Adhesion: All materials applied shall be guaranteed for a period of two (2) years against failure due to surface conditions, materials, or application. There shall be no evidence of fingerprints blisters, running, peeling, scaling, chalking, streaks or stains.

PART 2 - PRODUCTS

2.01 Color Schedule

A. Project Inspector shall furnish to the Contractor a color schedule of paints to be used based on one of the approved manufacturer's color charts or requirements for specially mixed colors. Use of one of the other approved manufacturer's requires the Contractor to match the color schedule provided by the Project Inspector.

B. Manufacturers names used to designate colors of color schedule is not intended to imply that products names are required to the exclusion of equivalent products of other manufacturers.
C. All colors and manufacturers shall be approved and authorized by the Project Inspector before commencing work.

2.02 Materials Quality

A. Provide best quality grade of various types of paints as regularly manufactured by acceptable paint materials manufacturer. Materials not displaying manufacturer's identification as a standard, best-grade product will not be acceptable. Acceptable paint manufacturers include:
   1. Kelley-Moore
   2. Benjamin Moore Company
   3. The Glidden Company
   4. Pratt and Lambert, Inc.
   5. Dunn and Edwards
   6. Sherwin-Williams
   7. W.P. Fuller Company
   8. Tiger Drylac
B. Provide primer and undercoat paint produced by the same manufacturer as finish paint. Use only thinners approved by paint manufacturer, and use only within recommended limits.

2.03 Metal Primer

A. Primer for metal surfaces shall be Red Oxide Primer, conforming to Federal Specification TT-P-31 for metal surfaces and Federal Specification TT-P-64b for galvanized surfaces.

PART 3 - EXECUTION

3.01 Surface Preparation

A. General: Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions, and as herein specified, for each particular surface condition.
B. Paint no items fitted with finish hardware or other similar items until hardware has been removed or provided with surface-applied protection prior to surface preparation and painting operations. Install hardware or remove surface-applied protection after paint has dried.
C. Metal Surfaces: Clean all metal surfaces, which are not galvanized or shop-painted, of scale, dirt, rust and other deleterious materials before priming.

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Clean metal in accordance with Steel Structures Painting Council (SSPC) Specifications.

1. SP-2: Hand Tool Cleaning
2. SP-3: Power Tool Cleaning
3. SP-7: Brush-off Blasting Cleaning

Remove oil, grease, and similar contaminants in accordance with:

1. SP-1: Solvent Cleaning

D. Galvanized Surface: Clean all galvanized surfaces of oil and other surface contaminants with a crystalline zinc phosphate pretreatment (phosphoric acid etch). Remove pretreatment solution by thoroughly washing with clean water and wipe dry.

3.02 Materials Preparation

A. Mix and prepare painting materials in accordance with manufacturer's specifications.

B. Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into materials. Remove film and if necessary, strain materials before using.

3.03 Application of Primer Coat

A. Apply primer coast to all surfaces which are required to be painted or finished, and which have not been prime coated or shop-painted by others. For metal surfaces, tough up shop-painted coats as required.

B. Immediately after surface preparation brush or spray on primer in accordance with manufacturer's instructions at a rate to provide uniform dry film thickness of two (2.0) mils for each coat. Use painting methods which shall result in full coverage of joints, corners, edges and exposed surfaces.

C. All primer coats shall be free from runs, sags, and other defects. All coats shall be thoroughly dry before applying succeeding coats.

D. Apply one (1) coat of metal primer for metal surfaces, as specified and/or as recommended by manufacturer's instructions.

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3.04 Application of Paint

A. Apply paint in accordance with manufacturer's instructions. Use applicators and techniques best suited for each surface and type of materials being painted.

B. All painting Work shall be done by skilled workman in a professional manner. All coats shall be evenly spread and shall be free from run, sags and other defects. All coats shall be thoroughly dry before applying succeeding coats.

C. All individual coats of paint shall be inspected and approved by the Project Inspector before application of the succeeding specified coat; otherwise no credit for the coat applied shall be given, and the Applicator shall automatically

assume responsibility to recoat the Work. The applicator shall provide the Project Inspector a report of each coat applied when completed for inspection and approval to comply with the above.

D. Where coverage is incomplete, not uniform, or not to the required dry film thickness, provide an additional coat at no extra cost to the Developer.
E. Apply finish coats of paint to all exposed surfaces as follows:
    1. For primed metal surfaces, apply two (2) coats of 100% acrylic latex base paint, per manufacturer's recommendations. Apply first coat of paint within 72 hours of primer application. If first coat of finish paint cannot be applied within the specified application time, the contractor shall re-clean and re-primer all exposed metal surfaces prior to start of metal paining operations.
F. Give special attention to ensure that surfaces, including edges, corners, crevices, welds, and exposed fasteners, receive a dry film thickness equivalent to that of flat surfaces.
G. Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practical after preparation and before subsequent surface deterioration's.
H. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until pain has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
I. Apply all coating without reduction, except as specifically required by label directions, or required by this Section.
J. Sand carefully between all coats on smooth surfaces for good adhesion of subsequent coats.
K. Paint all exposed surfaces and anything inaccessible after installation prior to installation, if required to be painted.

3.05 Application of Epoxy Paint

A. Use epoxy paint for floor and wall in restrooms up to ADA height.

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END OF SECTION

SECTION 12 93 00
SITE FURNISHINGS

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of all site furniture, including play equipment and play surfacing, as shown on the Plans and as specified herein.

1.03 References

A. All play equipment shall meet or exceed the standards set forth by the Consumer Product Safety Commission (CPSC), comply with the Americans with Disabilities Act (ADA), meet all current ASTM standards and be consistent with State and local codes.

B. The play area surfacing shall meet or exceed the fall absorption/impact rates set forth by the CPSC guidelines and ASTM standards. The surfacing shall be an accessible surface and manufactured specifically for play areas.

C. Nothing in the Plans or Specifications is to be construed to permit work not conforming to regulating codes and standards. The Contractor shall furnish without extra charge any material and labor, when required, by the compliance with these rules and regulations, even though the work was not mentioned in these particular Specifications or shown on the Plans.

D. The product manufacturer shall supply complete Specifications for the installation of all site furnishings, including play equipment and play surfacing.

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1.04 Submittals

A. Submittals for specified items are required. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting “as specified” or “substitution proposed”. For the following items, also provide:

1. Play Equipment and Swings submittals shall include color samples, manufacturer's materials and parts list, and installation instructions.
2. All items with "color as selected by City" shall include color samples.

B. On the date of the Notice to Proceed, the Contractor shall immediately place the order to purchase all site furnishings, including the play equipment and play surfacing as specified on the Plans and as outlined herein. **Proof of all orders shall be submitted to the Project Manager within ten (10) working days of the Notice to Proceed.**

C. The Contractor shall submit a Certificate of Compliance from a third party certified playground inspector which verifies that the entire playground, including individual components, and surfacing meets or exceeds regulated requirements as described in Section 1.03 above.

1.05 Record Drawings

A. The Contractor shall keep an accurate record of the as-built conditions of the miscellaneous site amenities. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Materials

A. Play Equipment shall be custom configuration as shown on the Plans and as specified herein. The equipment shall be as distributed by *(contact name and phone number)*, and as manufactured by *(contact name and phone number)* or accepted equal. Color as selected by the City.

B. Swings shall be the custom configuration as shown on the Plans as distributed by *(contact name and phone number)*, and as manufactured by *(contact name and phone number)*, or accepted equal. Color as selected by the City.

C. Poured-in-place resilient surfacing shall be as shown on the Plans and as specified herein. The play surfacing shall be Tot Turf TPV Poured Surfacing as manufactured by Robertson Industries, contact Frank Horwath, (510) 433-0655 or accepted equal. Color as selected by the City.

1. Thickness of surfacing shall meet or exceed ASTM F 1292-93 Thickness vs. Fall Height requirements. The topcoat shall be ½ inch thick.
2. Color shall be 50/50 black and brown mix, unless custom colors are shown on plans. For yellow, gold, red, and green colors use an aromatic binder. For blue, gray, purple, teal and tan colors use an aliphatic binder to preserve the color.
3. Poured-in place resilient surfacing shall have a five (5) year warranty.

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D. Engineered wood fiber shall be clean, engineered wood fiber, manufactured specifically for play areas.
   1. Engineered wood fiber manufacturer shall provide testing certification by an independent testing agency that the results comply with CPSC guidelines and ASTM standards.
   2. Engineered wood fiber shall meet the following requirements: ASTM F1951-99 (ADA Compliance Test) and ASTM F 1292-96 (Shock Absorbency).
   3. Manufacturer shall provide a Certificate of Insurance that shall provide coverage for products liability with the limit of liability not less than $1,000,000.
   4. The manufacturer shall also provide written guarantee for three (3) years from the date of installation against decay and biochemical degradation calling for replacement of defective materials during the guarantee period.
   5. Manufacturer certifies that the engineered wood fiber has been installed in not less than three (3) sites for periods of not less than three (3) years demonstrating the claims made with regard to these Specifications.

E. Picnic Tables shall be as shown on the Plans and as specified herein. The tables shall be as distributed by MIRACLE PLAY GROUP (916) 317-0545, and as manufactured by WABASH VALLEY.or accepted equal. Color as selected by the City.

F. Benches shall be as shown on the Plans and as specified herein. The benches shall be as distributed by MIRACLE PLAY GROUP (916) 317-0545, and as manufactured by WABASH VALLEYor accepted equal. Color as selected by the City.

G. Drinking Fountain shall be MDF #440 SM (dual bowl and accessible) and stainless steel surface carrier as distributed by Husbands and Associates (800) 821-9838 and as manufactured by Most Dependable Fountains or accepted equal. Color to be stainless powder coated black or as approved. Include recessed hose bib with locking cover. Install with a sand strainer when sand amenities are included in the park design. For drain inlet at drinking fountain, see Section 33 00 00: Utilities.

H. Park Identification Sign shall be fabricated by Quick Crete Products Corp., Norco, CA, (916) 447-8644, or by Outdoor Creations, Inc., Anderson, CA, (530) 365-6106, or accepted equal.

I. Age-Appropriate Signage shall contain the following language:
   "This play area has been designed for the use of children aged *5-12* years of age."

J. Park Namesake Plaque shall be a 24" by 18" digital high pressure laminate graphic panel fabricated or accepted equal. Plaque shall be mounted on a SlimLine single pedestal sign system or accepted equal. Manufacturer for the

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plaque and sign system (model # 2418 SL-SLP-AL) is KVO Industries (Chris Howell, (707) 573-6868). Installation location shall be verified in the field with the Project Manager.

K. Playground rules sign shall be as fabricated by Gopher Sign Company, (651) 698- 5095, or accepted equal.

L. Line Paint (for basketball courts): Hawker - Laykold; Koch Materials - Decocolor; Extol - Color; L&M - Nova acrylic; California Products Corp - Plexicolor Laykold; or accepted equal.

M. Trash Receptacle shall be 32 gallon receptacle with liner, dome top (model # TG3D33S) as fabricated by Wabash Valley, (260) 352-2102, or accepted equal.

N. Other (See Design Guidelines for additional information) shall be as shown on the Plans and as specified herein. The *(site amenity)* shall be as distributed by *(contact name and phone number)*, and as manufactured by *(contact name and phone number)* or accepted equal. Color as selected by the City.

PART 3 - EXECUTION

3.01 Installation

A. Contractor to provide experienced workers or subcontractors to install all site furnishings, including the play equipment and play surfacing described in these Specifications. The workers or subcontractor must demonstrate that at least five (5) similar play structures and five (5) play surface applications similar to that specified for this project have been installed in the last three (3) years.

B. All site furnishing, including play equipment, shall be installed per manufacturer's instructions.

C. Engineered wood fiber shall be blown in place to avoid damage to adjacent improvements unless specifically approved by City.

For Aggregate sub base: Grading to be +/- .375 (3/8") inside the play area 4" minimum thickness. Applied as follows:

Step 1 Install 2", compact
Step 2 Apply by hand Portland cement to entire surface
Step 3 Apply ¼" water to entire surface
Step 4 Repeat Steps 1, 2, & 3 to attain required thickness

Sub base to be installed before play equipment in order to utilize large compaction equipment. Jumper compactor equipment to be utilized along outside perimeter of play area curb. Compaction test shall be performed to verify that the aggregate is compacted to 95%. Sub base (aggregate) must be sloped per ADA requirements.

D. Heights of tables and benches shall be as follows, unless otherwise required by ADA; California Title 24 or other code requirements:

Description	Height Above Finish Grade

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Table Surface Height	34” Maximum
Knee Space Height	27” Minimum Clear Space
Knee Space Depth	17” Minimum from edge of table to nearest obstruction under table top
Width of Knee Space	30” Minimum clear width beneath table
Bench Surface Height	16” Minimum, 18” Maximum

E. Heights for play equipment, including ramps and transfer decks shall comply with the approved recommendations by the U.S. Architectural and Transportation Barriers Compliance Board: Play Facilities Regulatory Negotiation Committee.

F. For play equipment, locate all footings prior to installation of drain lines. Adjust drain lines to accommodate play structure footings. Provide appropriate fall zones as shown on the Plans and per applicable codes and guidelines.

G. All footings shall be Class A concrete with 3/4” maximum size aggregate, unless otherwise noted. Footings shall be in accordance with Caltrans Standard Specifications, Section 90. Install all footings below finish surface. In paved areas, install paved surface over footing for a clean finished surface as shown on the Plans.

H. Carefully install all furnishings and equipment without disturbance to adjacent finishes. Contractor shall be responsible for the damage and subsequent repairs of damaged finished product.

I. Install park namesake plaque. Installation location shall be verified in the field with the Project Manager.

J. Install age-appropriate stickers on all play structures.

K. Install playground rules sign. Installation location shall be verified in the field with the Project Manager.

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3.02 Cleaning

A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.

B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

PART 4 - WARRANTY

4.01 General

A. Contractor shall warranty all site amenities included under this Section.

B. Contractor shall also provide a written warranty covering all materials, equipment and workmanship furnished by him to be free of all defects after installation is accepted, including all defective parts that may have been found.

C. Submit written warranty on company letterhead addressed to the City when providing As-built drawings.
D. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance by a third party certified playground inspector for the installation of the play structure and safety surfacing. Certification shall include testing for compliance of ASTM 1292 (Impact Attenuation of Surfacing Systems under and around Play Equipment). All tests, including re-tests, shall be the responsibility of the Contractor. Submit all test results to the City.
E. Submit maintenance manual for poured-in-place resilient surfacing.
F. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance from the manufacturer of the play structure for the installation of the play structure.
G. Contractor shall submit to the City, upon completion of work, critical fall criterion used to certify all play surfacing material.
H. Attach cut sheets of installed items to the warranty.

END OF SECTION

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SECTION 26 00 00
SITE ELECTRICAL

(This Section is only partially complete. Consultant shall provide all applicable 260000 series Sections specific to the project scope.)

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

C. The standards set forth in the City of Roseville Design and Construction Standards, latest edition and requirements outlined by the City of Roseville Electric Department shall be in addition to the standards provided herein.

D. The standards set forth in the latest edition of the California Electrical Code (CEC), incorporating the latest edition of the NEC with City of Roseville amendments shall be in addition to the standards provided herein.

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1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of site electrical as shown in the Plans and as specified herein.

B. Submittals shall be required for requested substitutions or plan deviations ONLY. The Contractor shall install all specified electrical fixtures, poles and equipment, unless otherwise accepted and determined as an equivalent.

1.03 References

A. Conform to requirements outlined in the latest editions of the California Electrical Code (CEC), California Administrative Code (Title 24), California Building Code (CBC), California Administrative Code (Title 22) and other applicable codes.

B. Conform to requirements outlined in the latest edition of the Roseville Electric Specifications for Commercial Construction.

1.04 Record Drawings

A. Record drawings are required as a part of this work. At all times, the Contractor shall maintain accurate information of the work in progress. Deviation in layout of conduit or other materials shall be recorded to the satisfaction of the Inspector. Upon completion of the project, as-builts shall be submitted to the

City on reproducible plan sheets and shall depict all changes in a neat and legible manner.

PART 2 - PRODUCTS

2.01 Service Panels

A. Service panels shall meet the Roseville Electric approved sections of the EUSERC requirements. The list of acceptable panels can be found at https://the.euserc.org/s/Roseville-City-of-Acceptability-Pages.pdf

B. Service panel shall be:
   1. Built to UL508A standards
   2. Metered
   3. Single phase or three phase application
   4. Rated for 120 to 480 volts
   5. Color: Hunter Green

2.02 Electronic Astronomic Time Switch

A. Electronic Astronomic Time Switch shall be model ET-2815C, as manufactured by Intermatic, or accepted equal.

2.03 Conduit and Fittings

A. For primaries (12,000 volts), conform to Roseville Electric's Specifications for Commercial Construction, latest edition.

B. All other conduit and fittings shall conform to the California Electric Code, latest edition.

2.04 Wires and Cables

A. Conform to the California Electric Code, latest edition.

B. All wires shall be copper only, 90-degree-C THHN/THWN insulation.

2.05 Wire Connections and Devices

A. Conform to the California Electric Code, latest edition.

B. Splices and joints for #10 AWG or smaller wiring shall be twisted together electrically and mechanically strong and insulated with approved type insulated electrical spring connectors, Scotchlok or Ideal. Joints and connections for #8 AWG or larger shall be made with Burndy, T & B, or approved equal, solderless tool applied pressure lugs and connectors. Uninsulated lugs and wire ends shall be insulated with layers of plastic tape equal to insulation of wire and with all irregular surfaces properly padded with "Scotchfil" putty prior to application of tape. Tape shall be equal to Scotch #33, General Electric #AW-1, or approved equal. Feeder splicing is not permitted.

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C. Receptacles: 15 & 20 Amp 125 Volt receptacles shall be "Specification" grade, duplex, UL Listed, rated Weatherproof where installed outdoors or in damp or wet locations. Where only one receptacle is connected to a 20 ampere circuit, a 20 ampere receptacle shall be used. Receptacles to be Hubbell 5262 series, 5362 series, or equal. Provide an equipment grounding jumper (pigtail) connecting the grounding terminal of the receptacle to the grounded box.

2.06 Outlet Boxes

A. Cast Metal boxes shall be cadmium plated, cast iron alloy by Crouse-Hinds Form 8 condulets, Appleton Form 35 Unilets or accepted equal.

B. Cast Metal Outlet boxes shall be four inch (4") round, galvanized cast iron alloy with threaded hubs and mounting lugs as required. Boxes shall be furnished with cast cover plates of the same material as the box and neoprene gaskets by Crouse-Hinds VXF series, Appleton JBX series or accepted equal.

2.07 Pull and Junction Boxes

A. Per City of Roseville Electric Department's Specifications for Commercial Construction, latest edition.

2.08 Parts Identification

A. Consistent with the City of Roseville Electric Department's Specifications for Commercial Construction, latest edition.

2.09 Electrical Support Equipment

A. Concrete Fasteners shall be Philips "Red-Head" or accepted equal. Powder driven concrete pin fasteners, low velocity type shall be Remington, Ramset or accepted equal.

B. Conduit Straps shall be hot dipped galvanized, cast malleable iron, one hole type strap with cast clamp-backs and spacers (as required) by O-Z/Gedney No. 15-50G strap and #14G spacer, Efcor No. 231 strap and No.131 spacer or accepted equal.

C. Concrete Inserts shall be pressed galvanized steel, spot insert with oval slot capable of accepting support nuts of ¼ inch to ½ inch diameter thread by Unistrut No. M2506 series, Globestrut CSI series or accepted equal.

D. Construction Channel shall be 1-1/2 inch by 1-1/2 inch 12 gauge galvanized steel channel with 17/32 inch diameter bolt holes, 1-1/2 inch on center, in the base of the channel by Kindorf 905 series, Unistrut P-1000-HS or accepted equal.

E. Cable Ties and Clamps shall be one piece, nylon, reusable type lashing tiesby Thomas and Betts Co "Ty-Raps", Panduit "Pan-Ty" or accepted equal.

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F. General Fasteners shall be wood screws for fastening to work; machine screws for fastening to steel; toggle bolts for fastening to gypsum board or plaster walls; expansion anchors for attachments to pre-poured concrete.
G. GFI Outlet Cover shall be metal, lockable, and flush with the surface it is installed in. Cover must conform to the California Electric Code, latest edition.

2.10 Fixtures and Poles

A. Pathway/Security lights shall be:
   1. LED: Hadco: RL54 B B N N 1 A W N N ~~80~~ A N
   2. Pod: die-cast aluminum housing with tool-less access
   3. Globe: clear prismatic injection molded U.V. stabilized acrylic
   4. Symmetric photometric distribution
   5. Rated 120 volts
B. Poles shall be:
   1. Whatley: TR34 ~~20~~ 14 DE BLK ~~SMS~~ TXT 30-30 or accepted equal
   2. Fiberglass, direct burial
   3. Smooth round, tapered
   4. ~~20'~~ 14' mounting height

2.11 Tracer Wire

A. Insulated solid copper wire, minimum #12 gauge.

PART 3 - EXECUTION

3.01 Installation

A. Install (luminaire and poles) in accordance to manufacturer's instructions.
B. Ensure proper handling and installation of fixtures including hardware necessary for a complete installation. Fixtures (luminaire and poles) shall be clean, plumb and level.
C. All lamps shall be new and in operating condition. New lamps shall have less than 100 hours of operation on-site.
D. All splices in exterior fixtures or fixture outlet boxes shall be made watertight, using specified epoxy resin splicing kits.
E. Operate the entire system, once complete, in the presence of the Inspector. Immediately correct any improper connections or other items.
F. Install concrete collars around light poles. Concrete collars shall be per the Parks Construction Standards, latest edition.
G. Install tracer wire on top of conduit for all up-lighting and sports field lighting.

3.02 Clean Up

A. At all times, maintain a safe and clean work site, free of debris and rubbish.
B. All electrical parts shall be clean of conductive and deleterious materials.

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C. All enclosures shall be free of dirt and debris.
D. Clean all finishes and touch up damaged areas prior to pre-final inspection.

3.03 Excavation & Backfill

A. Refer to Section 33 00 00 Utilities.

3.04 Equipment Pads

A. Concrete reinforced pads for mounting of equipment (i.e. switchboard, transformers, freestanding panels, etc.) shall be minimum 3000psi, 6" thick with #4 rebars at 12" on center each way. Rebars shall be centered in pad. Pad shall extend 2" beyond equipment and 1.5" above surrounding area. Backfill and compact to 95% maximum dry density at optimum moisture content in layers not to exceed 6" when compacted.

3.05 Grounding

A. Grounding and ground bonding of the electrical installation shall be in accordance with CEC Article 250, and any applicable codes. Ground fittings shall be approved manufactured type, installed and connected to conform with Code requirements.
B. Neutral conductors and noncurrent-carrying parts of equipment at each installation shall be grounded in accordance with applicable code. Ground conductor shall be copper having a current capacity sized in accordance with CEC.
C. All equipment cases, motor frames, etc., shall be completely grounded to satisfy requirements of CEC. Install bond wire in flexible conduit. Install copper bond wire, sized in accordance with CEC, in all nonmetallic raceways and bond to all metallic parts using approved fittings.
D. Service ground conductor shall be connected to a "Ufer" encased ground and bonded to the metallic cold water pipe system and to the metallic natural gas line. 5/8” x 10 ft copper clad ground rods may be used in lieu of the Ufer ground where no footing is available.
E. All connections shall be made with solderless connectors or molded fusion-welding process.
F. Equipment grounding conductors shall be insulated with a continuous green outer finish along its entire length. Conductors size #4 AWG and larger may be identified (with green electrical tape applied half-lapped) at each end and at every point where the conductor is accessible. Tape shall be applied from its point of entry to point of exit or termination.
G. Insulated grounded (neutral) conductors shall be identified with a continuous white outer finish along its entire length. Neutral conductors #4 AWG or larger

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can be identified by a distinctive white marking (applied half-lapped with white electrical tape) for the last 12 inches at each end.

3.06 Field Testing

A. Perform Insulation Resistance (IR) "Megger" Testing per NETA Standards. Submit test results. Provide testing for:
   1. All feeders 100 Amps and higher.
   2. Branch circuits 100 Amps and higher.

B. Each ground rod shall be tested. A ground rod which does not have a resistance to ground of 25 ohms or less shall be augmented by one additional ground rod at no less than 8 feet from each other.

3.07 Consultant to complete.

END OF SECTION

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SECTION 31 10 00
CLEARING AND GRUBBING

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

A. Preserve and protect existing site amenities to remain, including, but not limited to, trees, shrubs, underground utilities and other improvements as shown on the Plans. Protection of work shall include affected improvements on adjoining properties.

B. Scope of work includes: site preparation, removal of debris, staging of equipment and materials and securing the site for construction.

1.03 Related Work

A. Section 31 20 00: Earthwork

B. Section 01 57 23: Storm Water Pollution Control

1.04 Protection/Replacement

A. Prior to demolition, erect protective fencing a minimum of one foot (1') beyond the canopy of all trees to remain. The radius of the canopy shall be measured from the longest branch furthest from the trunk. Refer to the environmental document for additional requirements for protective fencing on other existing natural features. For work within or near protected trees, a tree permit may be required.

B. If public use is to be maintained on unaffected portions of the project site, the Contractor shall be responsible for directing pedestrian and vehicular traffic safely around the construction zone. Utilization of temporary fencing, barricades, signage, etc. shall be the responsibility of the Contractor. Safe detours shall be available to the general public at all times during the course of construction.

C. Protection of existing site improvements shown to remain, including, but not limited to, fencing, signs, benches, picnic tables, play structures, shade structures, drinking fountains, concrete paving, concrete wall and curbs,

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decomposed granite paving, asphalt concrete paving, recreational site improvements, etc. are to be protected and preserved.

D. The Contractor shall be responsible for any damage to and maintenance of all existing street improvements, drainage facilities and irrigation systems and to re-establish these improvements to their original condition as soon as possible after completion of the work in the area, to the complete satisfaction of the Project Manager and Inspector. Realignments or modifications to the existing facilities as shown on the plans are accepted.
E. Survey monuments and markers either shown on the Plans or encountered during the course of construction shall be protected and preserved. The Contractor shall notify the Inspector upon discovery of an unmarked monument, at which time, arrangements for the relocation or adjustment of the monument will be determined. All costs associated with the relocation or adjustment of these monuments shall be the Contractor's responsibility.
F. Burning or burying removed material on-site is prohibited.
G. Where the removal of specific material creates an open hole, pit, trench or other depression, the Contractor shall immediately backfill and compact the areas consistent with requirements outlined in Section 31 20 00 of these Specifications.
H. All items identified in the Plans to remain or identified in the field to remain, removed in error by the Contractor, shall be repaired or replaced to match in equal or better construction, at no cost to the City. The quality of the repair or replacement shall be measured as that existing at contract award.

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PART 2 - PRODUCTS

Intentionally left blank.

PART 3 - EXECUTION

3.01 Pre-Construction Site Review

A. Contractor shall review existing site conditions with the Inspector prior to start of construction and document any conditions which adversely affect the satisfactory execution of the work and final acceptance of the project.
B. Commencement of work constitutes acceptance of existing conditions. The Contractor shall, at his expense, be responsible for correcting all unsatisfactory and defective work.

3.02 Clearing

A. Completely remove trees, shrubs, stumps, vines, rubbish/debris, undergrowth, deadwood, structures, and other elements identified to be removed and/or which interfere with the construction as shown on the Plans and as specified.

B. Obtain verification from the Project Manager for non-identified items scheduled to be removed prior to actual removal.

3.03 Grubbing

A. Remove all stumps, roots, grasses and weeds in its entirety. Apply systemic weed killer. Confirm weed kill prior to removal.
B. Once surface material is removed, the Contractor shall stockpile the top twelve inches (12") of topsoil for use during the final grading phase of work. This soil shall be free of rocks, debris, roots and other undesirable material.

3.04 Utilities

A. Contact USA Alert (800) 642-2444 prior to commencement of any demolition or excavation work. Provide a minimum of 48 hours' notice. Verify all utilities entering into and their locations within the project site.
B. Where utilities lie within the project site, but are not a part of the project, the Contractor shall cooperate with the agency or utility company having jurisdiction to maintain its use and the integrity of the structure.
C. Where utilities enter into the project site and taps, connections to or extensions of the utility are identified in the Plans, the Contractor shall coordinate all work with the agency or utility company having jurisdiction to minimize or eliminate disruption of use by the adjacent properties.
D. Verify that all utilities, shown to be removed on the Plans, are inactive and turned off prior to disconnection and/or re-routing, prior to demolition.

3.05 Debris Removal

A. All materials removed as a part of this contract shall become the property of the Contractor and shall be legally disposed of off-site, unless otherwise noted on the Plans.
B. Where a portion of a concrete slab, curb or wall and asphalt concrete paving or curb is to be removed, the concrete shall be cut with a concrete saw at a 90 degree angle so that the edge of the remaining concrete shall form a neat, straight line. Conform to the City of Roseville Design and Construction Standards, latest edition.

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END OF SECTION

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SECTION 31 20 00
EARTHWORK

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
C. The standards set forth in the Caltrans Standard Specifications, latest edition, shall be in addition to the standards provided herein.
D. The requirements set forth by CAL OSHA shall be in addition to the standards provided herein.

1.02 Description

A. Provide all labor, operations and materials necessary for earthwork, including, but not limited to, staking and surveying, grading; excavating; installation of facilities necessary to perform excavation and subsequent removal of such facilities upon completion of work; subgrade preparation; backfilling; and other incidental items necessary for a complete project.
B. This project requires export of material. The export of material shall be a part of the Contractor's bid price.
C. The intent of the grading plan is to provide positive drainage and to maintain slopes on walkways as required by the Americans with Disabilities Act and California Title 24 throughout the project site. The Project Manager shall be notified immediately of any discrepancies between the Plans and actual field conditions and/or conflicts between the design and code requirements.

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1.03 Related Work

A. Section 31 10 00: Clearing and Grubbing
B. Section 33 00 00: Utilities
C. Section 32 84 00: Irrigation System
D. Section 32 90 00: Planting
E. Section 26 00 00: Site Electrical
F. Section 01 57 23 Storm Water Pollution Control

1.04 Quality Assurance

A. All work shall conform to local codes and regulations, including standards set forth in the Standard Specifications of the State of California, Business and

Transportation Agency, Department of Transportation (Caltrans), Chapter 70 of the Uniform Building Code and ASTM.

B. Relative compaction shall be the in-place dry density of soil denoted as a percentage of the maximum dry density of the same material. This shall be as determined by ASTM 1557. The optimum moisture is measured by the water content which corresponds to the maximum dry density.
C. Upon discovery of unforeseen subsurface site conditions, the Contractor shall notify the Inspector immediately.
D. Upon discovery of hazardous materials, cease all activity and immediately contact the Fire Department.

1.05 Protection

A. Provide and install all supports, shoring, bracing, underpinning, sheet piling and other methods for the sides of excavations necessary for ensuring safe working conditions for the workmen and to protect adjacent improvements to remain.
B. Provide any and all protection measures necessary to ensure the protection of the workmen, the general public, including children and the project site. These protection requirements remain the Contractor's sole responsibility throughout the duration of the project, including non-working hours.
C. Do not obstruct vehicular, bicycle or pedestrian thoroughfares, unless previously accepted by the City. Provide safe and adequate detours around the construction as required by City and State regulations.
D. Trenches shall be covered at all times when work directly associated with the trenches is not occurring, including non-work hours.
E. During the course of construction, the Contractor shall ensure that surface drainage does not create a nuisance onto adjacent properties.

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1.06 Erosion Control Measures

A. Construction sites shall have required erosion and sediment control measures in place as required by the SWPPP. If construction is in progress, the Contractor shall ensure that the construction site is prepared prior to the onset of any storm. At a minimum, erosion control measures shall include:
    1. Broadcast seed
    2. Drainage area protection
    3. Dust/mud control
    4. Drain inlet filters
    5. Silt fence and straw wattles
    6. Slope protection
    7. Straw bales
    8. Silt controlling devices

PART 2 - PRODUCTS

2.01 Base Rock

A. Class 2 aggregate base per Caltrans Standard Specifications, latest edition.

2.02 Drain Rock

A. Drain rock shall be Class 2 permeable, washed, unbroken stone or gravel. Material gradation shall conform to the following:

Sieve Size	Percent Passing
1 inch	100
No. 4	20-50
No. 50	0-10
No. 200	0-5

2.03 Pea Gravel

A. Pea gravel shall be natural stone, free of clay, shale or organic matter, and shall conform to the following:

Sieve Size	Percent Passing
3/8 inch	100
No. 4	47
No. 8	2
No. 16	1

2.04 Fill

A. Structural Fill shall conform to Caltrans Standard Specifications or the accepted site-specific geotechnical report generated for the project.

B. Fill for non-structural areas shall conform to the following standards:

1. Plasticity: ASTM D4318-84
2. Expansion Index: No greater than twenty (20)
3. Testing: UBC 29-9 and ASTM D422-72
4. Particle Size: No greater than one inch (1”)

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2.05 Topsoil

A. The top eight to ten inches (8” – 10”) of native soil containing more than three percent (3%) organic material. Topsoil shall be free of rocks no larger than one inch (1”) in diameter, free from subsoil, roots, heavy or stiff clay, course sand, destructive seeds, noxious chemicals, brush, debris, litter and other undesirable materials.

B. For any import soil to be used in turf/planting areas, submit a soils analysis with soil amendment recommendations (for plant growth) for review and acceptance prior to placement on-site. Soils test information shall be as outlined in Section 32 90 00: Planting – 1.06.

2.06 Soil Sterilant

A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short or long term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.07 Sand

A. Granular, fine, free of organic matter, mica, loam or clay material.

PART 3 - EXECUTION

3.01 Construction Staking

A. The layout of all work shall be performed by a California State licensed land surveyor provided by the Contractor.

B. Notify the Inspector immediately of any discrepancies between actual field conditions and the Plans. Minor field adjustments may be necessary in order to fulfill the intent of the Plans.

C. Non-notification of discrepancies between actual field conditions and the Plans by the Contractor, in writing, shall indicate his acceptance of such field conditions. Adjustments/modifications to the construction to accommodate the inconsistencies (without notification) shall be at no additional cost to the City.

3.02 Excavation

A. All excavations shall be as noted on the Plans. Excavations shall include accommodation of base material.

B. Do not over-excavate. Excavations shall provide appropriate space to install shoring, bracing, formwork, etc, as needed to ensure the safe and proper construction of the work.

C. Take every precaution to prevent water from entering, softening, and undercutting excavated areas, including, pits, footings, trenches, etc.

D. Notify the Inspector immediately upon discovery of unsatisfactory soils materials or unforeseen site conditions. Excavation shall include the complete removal of the unsatisfactory material and its legal disposal thereof.

3.03 Site Grading

A. A grading permit is required to be obtained by the Contractor prior to commencing any earthwork.

B. Grading shall include adjacent transition areas, new elevations/contours as shown on the Plans. All subgrade areas shall be graded parallel to the finish grades and contours and shall be uniform in slope. Transition areas shall provide a smooth connection between new and existing grades and shall not create additional drainage or ponding onto adjoining properties.

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C. Surface grades shall provide for positive drainage away from structures and footings, and shall be uniformly smooth throughout.
D. Rough grading shall:
   1. Be graded to a tolerance of 0.10 feet, plus or minus for planted and turf areas.
   2. Be graded with a tolerance less than .04' from specified grade and cross section for subgrade in which pavement, curbs and other structural elements are to be placed immediately above.
   3. Provide a subgrade surface free of exposed rocks, stones and boulders.
   4. Provide a subgrade surface free of depressions, pits, etc., with proper backfill and compaction. See paragraph 3.04 below.

3.04 Placement of Fill Material

A. Prior to placement of fill material, the Contractor shall:
   1. Obtain approval of the subgrade surface from the Inspector.
   2. Scarify, dry and compact soft and/or wet areas.
   3. Remove and replace unsuitable subgrade material to the satisfaction of the Inspector.
   4. Take all necessary corrective action.
B. Do not use topsoil as fill or backfill material, unless otherwise accepted in writing.
C. Fill shall be placed in the following manner:
   1. Accepted engineered fill material for structural slabs and areas to be paved shall be placed in six-inch (6") loose thickness, uniform layers over the entire area.
   2. Fill material in planted areas shall be placed in twenty-four inch (24") maximum loose thickness throughout the areas to receive fill.
D. Aerate or water each lift to obtain the required compaction rate indicated on the Plans. Thoroughly mix material to ensure proper moisture content for compaction. Repeat the operations until grades, as shown on the Plans, are obtained. Jetting of trenches shall be reviewed and accepted by the Inspector prior to performance of work.
E. Do not place fill when the subgrade is frozen, muddy or wet. Allow conditions to thaw and dry out before resuming operations.
F. Use hand tampers or vibrating compactors around foundations walls, retaining walls and other structural elements. Do not use large equipment in these areas and do not begin compaction operations until the bearing surfaces have reached its design strength.
G. Fill around existing trees to remain shall not exceed twelve inches (12").
   1. Minor fill (6" or less) shall utilize topsoil and shall be placed by hand. Do not cover crown of trunk. Feather grades to the extent possible.

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2. Fills between 6” and 12” shall utilize 3/4” pea gravel on grade, placed up to three inches (3”) below finish grade. Apply topsoil, by hand, to meet finish grade elevations. Feather grades to the extent possible.

H. Construct mounds from on-site material. The core of the mound (1’ below finish elevations) shall be compacted to 90%. The top twelve inches (12”) shall be compacted to 85%. Place topsoil in the top twelve inches (12”).

I. Place topsoil in all turf and planting areas a minimum of twelve (12) inches deep. See Section 31 10 00, 3.03-B: Clearing and Grubbing.

3.05 Trenching, Backfilling and Compacting

A. For trenches greater than five feet (5’) in depth, submit an OSHA permit related to the work.

B. All trenches shall be straight, true and cut vertical at 90 degrees to the surface plane.

C. For trenches through existing paved surfaces, use a concrete saw or other tool to achieve straight, clean lines. Replace paved surface to the same or better condition as existing prior to cut.

D. Do not over-excavate. Maintain bearing surfaces true, level and undisturbed to the extent possible.

E. Trenches shall be kept dry and frost-free. Do not allow standing water to collect.

F. Do not allow trenches to remain exposed at any time when work directly related is not occurring. Cover all trenches during non-work hours.

G. Bedding for all trenches to receive pipes shall be as follows:

1. Bedding material shall be consistent with the City of Roseville Design and Construction Standards, latest edition.
2. Pipe shall lie completely on bedding. Pipe fittings or joints shall not bear weight.
3. Bedding shall be uniform throughout the length of pipe.

H. Initial backfill for storm drains, sewer lines and electrical conduit shall conform the applicable City standard set forth by the Department having jurisdiction.

I. Backfill beyond the initial operations shall be native soil, placed in twelve-inch (12”) lifts. Compaction for trenched areas shall be 95% for parking lot, driveway and roadway areas; 90% for hardscape (i.e. walkways, picnic pads basketball and tennis courts); and 85% in areas to be planted. Place topsoil over trenches in planted areas. Upon completion, all trenches shall be filled flush with adjacent finish grades.

J. Compaction tests shall be required for trenched areas, hardscape areas and areas where fill over two feet in depth will be placed. The Inspector shall determine the number of tests and the locations. Re-tests shall be the Contractor’s responsibility.

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K. Potholing shall be required in areas where existing utilities are indicated. Hand digging may be required.

3.06 Soil Sterilant

A. Soil sterilant shall be applied to areas where paving is to be installed. The worker applying the sterilant shall take every precaution to avoid overspray of sterilant onto areas to be planted. The sterilant shall be placed no further than six inches (6”) beyond the edge of pavement.
B. Soil sterilant shall not be applied in inclement weather and windy days.

3.07 Drainage Areas

A. All bare areas, regardless of slope, within 50 feet of natural drainages shall be covered with straw and pressed in place.
B. No grading or trenching, except as required for erosion or sediment control, shall occur within 35 feet from the centerline of perennial and intermittent drainage swales between October 5 and April 1 unless approved by the Engineering Division, as well as any other governmental agency which may have additional jurisdiction and/or requirements.

3.08 Dust/Mud Control

A. Adjacent Streets: Adjacent street frontages shall be swept at least once a day to remove silt and other dirt which is evident from construction activities.
B. Construction Vehicles: The Contractor is responsible for cleaning construction vehicles leaving the site on a daily basis to prevent dust, silt, mud and dirt from being released or tracked offsite. Adjacent streets shall be swept clean daily.
C. Grading Spoils: Dry stockpiles of soil shall be watered to prevent the generation of airborne dust. Trucks transporting dry soil shall be covered with tarpaulins.
D. Water: Water shall be sprayed on all exposed earth surfaces during clearing, grading, earth moving and other site preparation activities. The exposed earth shall be watered throughout the day to minimize dust. The Contractor shall obtain a hydrant permit from the Environmental Utilities Department.
E. Wind Allowances: Grading activities shall be restricted or halted when winds exceed 15 miles per hour as deemed necessary by the Public Works Inspector.

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END OF SECTION

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SECTION 32 12 16
ASPHALT CONCRETE PAVING

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

D. The standards set forth in the State of California, Title 24, Americans with Disabilities Act, latest edition, shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of asphalt concrete paving, including international disabled signs as shown in the City Standard, as shown on the Plans and as specified herein.

1.03 References

A. Caltrans Standard Specifications for asphaltic concrete, latest edition.

1.04 Tolerances

A. All surface areas shall drain. Ponding, puddling or birdbaths are not acceptable.

B. Surface grades shall conform to the following:

Description	shall not exceed, ... from indicated line, grade or thickness
Base Course	0.1 foot +/-
Finish Surface	0.05 foot +/-
Thickness of finished pavement	0.01 foot less

C. Flatness: maximum variance of 1/8” as measured with a ten (10) foot straight edge.

1.05 Testing

A. Testing shall occur during the installation of pavement. The number and frequency of tests shall be as determined by the Inspector.

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PART 2 - PRODUCTS

2.01 Aggregate Base

A. Conform to Caltrans Standard Specification, Section 26 paragraph 1.02B, Class 2.

2.02 Asphalt Concrete

A. Conform to Caltrans Standard Specification, Section 39 and the City of Roseville Design and Construction Standards, latest edition.

2.03 Soil Sterilant

A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short or long term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.04 Striping

A. Traffic marker paint, in accordance with Caltrans Standard Specifications, Section 83-3.02.

B. Thermoplastic marking tape in accordance with Caltrans Standard Specifications, Section 84-2.02. (Required for bike trails)

2.05 Header

A. Per City of Roseville Parks Construction Standards, latest edition.

2.06 Accessible Parking Signs

A. Signs for parking stalls shall conform to the California Manual on Uniform Traffic Control Devices (CMUTCD), the Standard Highway Signs manual with the Caltrans California Sign Specifications.

B. Notification sign: Notification sign shall read: “Unauthorized vehicles parked in designated handicapped spaces not displaying distinguishing placards or license plates issued for physically disabled persons may be towed at owner’s expense. Towed vehicles may be reclaimed at Roseville PD, 1051 Junction Blvd or by telephoning (916) 774-5000. CVC 22511.8”.

C. Sign posts: shall conform to Section 56 Signs in the City of Roseville Design and Construction Standards.

PART 3 - EXECUTION

3.01 Preparation

A. Upon completion of grading operations, compact the subgrade at the required elevation to a relative compaction density of 95%, unless otherwise noted on

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the Plans. A load or performance test shall be conducted in the presence of the Inspector prior to the placement of AC.

B. Apply soil sterilant per manufacturer's directions. Limit the work zone of the sterilant application to the area to receive paving plus three feet (3') on each side.
C. Completely install redwood header as shown in the City of Roseville Parks Construction Standards, latest edition, if shown on the Plans.
D. No material shall be placed in muddy conditions, nor shall any material be placed during or immediately after inclement weather, i.e. rain storms, temperatures below 35 degrees F, etc.
E. In areas where soil conditions are less than optimal, geotechnical tests shall be performed to verify compaction rates. The Inspector shall determine the number of tests necessary in order to verify conditions. Initial tests will be provided by the City. Re-tests shall be the Contractor's responsibility.

3.02 Installation

A. Spread aggregate base material in six-inch (6") lifts.
B. Compact base surface to a relative compaction of 95% and in accordance to the Caltrans Standard Specifications, Section 26.
C. Spread asphalt concrete material in accordance to the Caltrans Standard Specifications, Section 39.
D. Upon completion, apply water to the finished surface and allow water to run-off. All areas of ponding, puddling or birdbaths shall be filled with asphalt and fine aggregate. Conform fill surface with adjacent surface to the point edges are not visible.
E. Take every precaution to protect adjacent amenities or structures from material spillage or damage. In case of spillage or damage, the Contractor shall immediately repair or replace the damaged area to the satisfaction of the City.
F. Clean and oil all manhole covers, grates and other surface structures within the pavement area.
G. All new asphalt concrete paving shall receive a fog seal at a rate of 1/12 to 1/10 gallon of undiluted emulsion per square yard. All work shall conform to Caltrans Standard Specifications, Section 37. **Once sealed, parking of vehicles and/or equipment or stockpiling of material on the finished surface is prohibited.**
H. Clean all surface structures that lie within the asphalt concrete area.

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3.03 Striping

A. Conform to the City of Roseville Design and Construction Standards, latest edition.

B. Ensure that all pavement to receive striping is completely cured. Clean all pavement surfaces.
C. Accurately lay out all pavement markings, including, parking stripes, centerline stripes, international disabled parking logo, striping for disabled access ramp, directional arrows, game court lines and other pavement markings as shown on the Plans or as required by code.
D. All pavement lines, striping and lettering shall be four inches (4”) in width, unless otherwise indicated on the Plans.
E. Lines painted with traffic paint shall receive two coats of paint. Allow each coat to dry completely prior to applying the second coat.
F. Apply all pavement markings on clean, dry surfaces, during weather conditions where temperatures are higher than 35 degrees F, no rain is occurring or predicted within the next twenty-four (24) hours, and the humidity is less than 80.
G. Remove all excess adhesives and tracking onto unmarked areas.
H. All pavement striping applications shall conform to Caltrans Standard Specifications, Sections 84 and 85.

3.04 Accessible Parking Signs (For parking lots only)

A. Verify that the language on the signs meets with current laws and regulations prior to installation. Immediately notify project manager of discrepancies.
B. For signs at parking stalls: install one per space designated for disabled parking. Locate sign as shown on the Plans. Verify location in the field prior to installation. Sign bottom shall be set at seven feet (7’) above finished grade.
C. For notification signs: install one per driveway entrance. Verify location in the field prior to installation. Sign bottom shall be set at two feet (2’) above finished grade unless otherwise directed.
D. Sign post installation shall conform to TS-17A of the City of Roseville Development Services Design and Construction Standards.

3.05 Protection and Cleaning

A. Do not allow equipment or vehicles to park on new asphalt surfaces upon completion of fog seal operations. At his discretion, the Contractor may allow the parking of equipment and vehicles on the asphalt concrete **AFTER** the asphalt concrete material has been laid, passing applicable compaction tests and **PRIOR TO** applications of fog seal and striping.

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END OF SECTION

SECTION 32 15 40
DECOMPOSED GRANITE PAVING

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of decomposed granite paving, including redwood headers as shown in the Plans and as specified herein.

1.03 References

A. Caltrans Standard Specifications, latest edition.

1.04 Submittals

A. Submittals for specified items are not required; however, submittals are required for any proposed substitutions or deviations from the Plans or Specifications. Additionally, submittals are required for the specific items listed below. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting “as specified” or “substitution proposed”. Submittals are required on the following items:

1. Decomposed granite material and binding material: provide a sample “brick” for review and approval.

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PART 2 - PRODUCTS

2.01 Crushed Quarry Rock

A. Crushed rock, graded between #4 and #200. Rock shall be high quality and well-graded.

B. Hastie's Capitol Sand and Gravel, Roseville, CA (916) 989-4600 or accepted equal.

2.02 Header

A. 1"x6"or2"x6" Redwood header board.

2.03 Binding Material

A. PolyPavement, Los Angeles, CA (323) 954-2240 or accepted equal.

PART 3 - EXECUTION

3.01 Preparation

A. Upon completion of grading operations, compact the subgrade at the required elevation to a relative compaction density of 95%, unless otherwise noted on the Plans.
B. Completely install redwood header as shown in the City of Roseville Parks Construction Standards.
C. No material shall be placed in muddy conditions, nor shall any material be placed during or immediately after inclement weather, i.e. rain storms, etc.
D. Submit samples of crushed rock to a PolyPavement Certified Lab to prepare a laboratory "brick" to confirm that the quarry material has sufficient fines for good binding.

3.02 Installation

A. Provide a 10' by specified width test sample, to be approved prior to installation. This sample shall be the basis of overall approval.
B. Thoroughly combine binder per manufacturer recommendations.
C. Spread crushed granite fine/binder material in two (2) one and one half inch (1-1/2") lifts (thickness after compaction).
D. Wet and roll each lift to form a uniform, smooth surface with a cross slope of 2%. Compact each lift to a 95% relative compaction density.
E. Upon completion of the final lift, fill any depressions, holes or divots and re- roll using the above process.
F. Provide a Certificate of Compliance verifying that the binder/stabilizer has been mixed per manufacturer's recommendations.

3.03 Clean Up and Protection

A. Thoroughly clean all areas where work has occurred. Remove from site excess material, debris and rubbish.
B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc.

END OF SECTION

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SECTION 32 31 13
CHAIN LINK FENCING

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of the chain link fence system, including gates as shown on the Plans and as specified herein.

1.03 References

A. Caltrans Standard Specifications, latest edition.

PART 2 - PRODUCTS

2.01 General

A. Wire used in the fabric shall be galvanized and shall have a tensile strength of 80,000 lbs. Per square inch based on cross sectional areas of the wire. One sample shall be tested without removing bends caused by weaving of the wire with the mesh. A second test shall be conducted on a wire strand carefully straightened. The tensile strength is finally determined as the average reading between the two tests. Wire to match fabric selection.

B. Fabric shall be 1-3/4" 9-gauge nominal wire mesh, *black vinyl coated* after weaving as shown on the plans. Conform to ASTM A392, with tensile strength as described in 2.01A above. Fabric shall be knuckled top and bottom with single width to full height of fence.

C. Ties/Fasteners shall be black powder coated wire.

D. Fittings, clips, bolts, bands, bars, post tops/covers and other hardware necessary for a complete fence system shall be *black powder coated*.

E. Where fencing is shown on the Plans to be black vinyl or powder coated, all appurtenances, including fabric, posts, rails, clips, bands, fittings, etc., necessary for a complete fence system shall be black vinyl or powder coated. Vinyl or powder coating shall be the industry standard for this type of finish.

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2.02 Posts and Rails

A. Posts and rails shall be *black powder coated*, to match fabric and as shown on the Plans. All posts shall be installed with moisture-proofed caps on the top.
B. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

2.03 Gates

A. Fabric and finish to match fence.
B. Hinges and latches shall be industrial strength, heavy duty and shall fit snugly around post. Latches shall be lockable.
C. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

PART 3 - EXECUTION

3.01 Post Installation

A. Posts are to be spaced evenly as shown on the City Standard and set plumb and true to lines with the top line uniform as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
B. All posts shall be set in concrete as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
C. Where nicks on vinyl or powder coated finished occurs due to installation, the Contractor shall re-finish and patch damaged areas immediately.

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3.02 Fabric

A. Attach fabric using fabric bands or clips spaced approximately 14” apart. Connections to top rails and tension wires shall utilize wire ties placed 24” on center.
B. For corner and vertical end connections, install stretcher bars banded to posts and gate frames at 24” apart (maximum).
C. All fabric to be stretched tight, free from sags and bulges.

3.03 Rails

A. For splices along the top rail, provide couplings every 20’. The coupling shall produce a continuous brace from end to end of each stretch of fence. Install a heavy spring at every fifth coupling to allow for expansion or contraction.
B. Utilize the appropriate fittings to ensure that all rails are rigidly clamped to end and corner posts.
C. Clamp mid and bottom rails at each post.

3.04 Gates

A. Gates shall be installed consistent with the City Standard detail. Verify grade conditions along the fence bottom to ensure proper use of the gate(s).
B. Gate openings shall be face-to-face dimensions and shall swing according to the Plans.

3.05 Cleaning

A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

END OF SECTION

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SECTION 32 84 00
IRRIGATION SYSTEM

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of an automated irrigation system, including all necessary appurtenances for proper operation, noted or implied, as shown on the Plans and as specified herein.

B. Water usage, meter costs, connection fees, testing and other associated utility costs are considered direct costs and is the responsibility of the Contractor until the project is accepted.

C. Installation of the water meter shall be by the City.

1.03 Related Work

A. Section 32 90 00: Planting

B. Section 26 00 00: Site Electrical

1.04 Quality Assurance

A. All work shall comply with local and state laws, codes, regulations and requirements which govern any portion or all of the work contained in this Section. These include, but are not limited to, the latest editions of:

1. City of Roseville Park Construction Standards,
2. City of Roseville Design and Construction Standards,
3. City of Roseville Electric Department Standard Specifications,
4. Local, state and federal electrical codes, manuals and guidelines, and
5. Local, state and federal plumbing codes, manuals and guidelines.

1.05 Submittals

A. Submittals for specified items are not required for Parks or Streetscape projects, unless specifically listed below. However, submittals are required for any proposed substitutions or deviations from the parks Plans or Specifications. For Streetscapes, no substitutions will be accepted. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified

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and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting “as specified” or “substitution proposed”. Submittals are required on the following items:

1. Controller, Flow Sensor(s), and Master Valve(s).
2. Filter (Recycled water)

1.06 Explanation of Drawings

A. The drawings are diagrammatic and do not reflect all offsets, fittings and other miscellaneous items required for a complete and operable irrigation system. It shall be the Contractor’s responsibility to investigate all existing site conditions, become thoroughly familiar with the site, and provide all labor, materials and equipment required for the installation of the irrigation system.

B. Avoid conflicts between other trades and the installation of the irrigation system. Minor adjustments to avoid such conflicts shall be made in the field. Major discrepancies between actual field conditions and the Plans shall be brought to the attention of the Project Manager. The lack of notification shall indicate that the Contractor assumes full responsibility for any revision deemed necessary to ensure proper installation.

1.07 Product Delivery, Handling and Storage

A. All materials shall be delivered bearing manufacturer’s label with size, type and model number (if applicable) clearly marked.

B. All pipe shall be delivered in a vehicle which allows the material to lie flat without concentrated weight or stress at any point.

C. Unload all materials with care so as to avoid damage. Store materials in a covered area and do not expose PVC pipe to extreme sun or heat. Store pipe lying flat.

D. Do not install any material that has been damaged. Replace all material found to be damaged.

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1.08 Record Drawings

A. The Contractor shall keep an accurate record of the as-built conditions of the irrigation system. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the “as-builts” to ensure compliance of the above.

B. Dimensions shall be recorded from two (2) permanent points of reference.

C. The City may at its discretion withhold progress payments to the Contractor if the as-built records are not updated to the satisfaction of the City.

PART 2 - PRODUCTS

2.01 General

A. All materials specified shall be new, bearing the brand name, type, serial numbers and model number as shown on the Plans and as specified herein, unless otherwise accepted in writing.

2.02 Backfill Material

A. Backfill shall be clean, screened, on-site material, free from organic material, large clods of earth and/or rock larger than one (1) inch in diameter, trash, debris, rubbish, tree trunks, broken concrete or asphalt and other unacceptable material.

B. Material larger than one (1) inch shall be removed from site and legally disposed. All removal shall be the responsibility of the Contractor.

2.03 Meter

A. Meter shall be as shown on the Plans and as required by the City of Roseville Environmental Utilities Department.

2.04 Backflow Prevention Device

A. Backflow Prevention Device shall be as shown on the Plans.

B. Cover shall be insulated, freeze-proof, removable and lockable, manufacturer and model per the City of Roseville Design and Construction Standards or accepted equal.

2.05 Filter (Recycled Water Only)

A. Amiad Filtration Systems, Manual Steel Filter, Red 130 micron filter element, match line size of recycled water meter.

2.06 Flow Sensor and Master Valve

A. Calsense Controllers:

1. Flow sensor shall be a Calsense Flow Meter (FM-B) featuring a proprietary, non-magnetic sensing mechanism and a six-bladed design. Flow sensor shall be accurate to +/- 1% of full scale. Flow sensor body shall be constructed of bronze.
2. Master valve(s) shall be Superior, 3000 series, electric globe valve, constructed of brass. For installations with a single master valve, the valve shall be normally open. For installations with two master valves, the larger valve shall be normally closed and the smaller valve shall be normally open.
3. Flow meters to be constructed consistent with the Calsense specifications.
4. Valve boxes for master valve and flow sensor shall be 18” (jumbo) green rectangular rigid plastic valve boxes with lockable lids and extensions by

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Carson Industries, LLC or accepted equal. Valve box lid shall be colored green in turf areas, tan in natural planter areas, and purple for recycled water applications.

2.07 Pipe

A. PVC Pressurized Mainline

1. For lines three inch (3") or larger: polyvinyl chloride (PVC) 1120-1220, SDR 21, Class 200 rubber gasketed pipe, and NSF accepted per Standard No. 14, Type I, Grade I. Conform to:

Material	ASTM
Pipe	D1784, D2241
Rubber Gasket	F477

2. For lines two and one half inches (2-1/2") or smaller: Schedule 40 polyvinyl chloride (PVC) 1120-1220, and NSF accepted per Standard No. 14, Type I, Grade I. Conform to:

Material	ASTM
Pipe	D1784, D1785

B. PVC Non-Pressurized Lateral Lines

1. Schedule 40 polyvinyl chloride (PVC) 1120-1220, SDR 21.0, NSF accepted per Standard No. 14, Type 1, Grade II.

C. Recycled Water

1. Pipes shall meet the standards outlined in Sections 2.08, A and B above, unless otherwise noted in the City of Roseville Design and Construction Standards for recycled water, latest edition.
2. All pipes containing recycled water shall be purple, NSF accepted and conform to the City of Roseville Design and Construction Standards, latest edition.

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2.08 Fittings and Nipples

A. Fittings for Potable Mainline Pipe:

1. For all control valves on mainlines three inches (3") and larger, use painted, ductile iron saddle taps with double stainless steel straps and nuts Model #202 by Romac Industries, Inc. or accepted equal.
2. For all other connections on mainlines three inches (3") and larger mainline pipe, use glued schedule 80 fittings.
3. For all connections on mainlines two and one half inches (2-1/2") or smaller, use glued schedule 40 fittings.

B. Fittings for Potable-Solvent Weld Pipe:

1. Schedule 40 for 2 ½" pipes or smaller and Schedule 80 for 3" pipe and larger polyvinyl chloride (PVC), standard weight, conforming to ASTM D2466-73. Use Schedule 80 for all recycled water systems.

2. Weld-on #P-70 primer and Weld-on #711 gray glue or accepted equal.
3. Teflon tape for all threaded PVC fittings.

C. Plastic Nipples shall be Schedule 80, Type 1, Grade 1, polyvinyl chloride (PVC), threaded at both ends, and conforming to ASTM D1784 -85. Nipples shall be uniformly gray.

D. Fittings for Recycled Pipe:
1. See Section 141 Recycled Water in the City of Roseville Design and Construction Standards, latest edition.

2.09 Swing Joints

A. Swings joints shall be as shown in the City Parks Construction Standard detail. Schedule 40 threaded PVC triple swing joints or an accepted equal.

2.10 Electric Remote Control Valve

A. Sizes as shown on the Plans. All valves shall be Rainbird PEB series or accepted equal and shall contain the following:
1. a globe-type electric remote control, normally closed diaphragm type with slow opening and closing action,
2. encapsulated solenoid type actuation,
3. a minimum rating of twenty-four (24) volts,
4. sixty (60) cycle,
5. two to five (2-5) watts,
6. a manual flow adjustment with shut-off provisions,
7. provisions for an external “bleed” of the diaphragm chamber for manual operation.
8. a ball valve on the inlet.
9. Schedule 80 PVC threaded fittings from saddle tap to POC to valve.

B. Valve boxes shall be rectangular, rigid plastic valve boxes with lockable lids and extensions by Carson Industries, LLC or accepted equal. Valve box shall be sized appropriately to house entire valve assembly with space to accommodate maintenance access.
1. Boxes shall be colored green in potable applications, and purple for recycled water applications.
2. Valve boxes used on recycled water systems shall be permanently colored purple through the manufacturer. Boxes painted purple will be rejected.
3. Label lids using heat branded identification, T:Turf, S:Shrubs, B:Bubblers

C. Controller station identification number shall be standard yellow tags with permanent numbers by Christy or accepted equal.

2.11 Root Watering System

A. Provide pre-manufactured root watering system.

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1. Pressure compensating bubbler. See irrigation sheets for flow rates.
2. Check valve where applicable to prevent low head drainage.
3. Swing joint assembly
4. Locking grate top on semi-rigid mesh tube
5. Filter fabric sleeve

2.12 Irrigation Heads

A. All irrigation heads shall conform to type, size, precipitation rate, gallons per minute discharge, pressure and throw radius as shown on the Plans, unless otherwise accepted in writing.
B. In all available models, all irrigation heads shall have stainless steel risers, unless otherwise approved in writing.
C. For recycled water applications, irrigation heads shall be colored purple, have debris pocket, and wiper seals with 3 touch points.
D. Irrigation heads shall have built-in pressure regulation for pop up sprays and/or water-efficient heads.
E. Include built-in check valve where applicable to prevent low head drainage.

2.13 Drip Irrigation

A. Sub-surface dripline.
   1. Flexible polyethylene tubing shall have factory-installed pressure-compensating, inline emitters spaced evenly per listed spacing.
   2. Emitter shall incorporate elemental or ionic copper root intrusion prevention technology, and shall be warranted by the manufacturer to be free of emitter plugging due to root intrusion for a period of fifteen (15) years minimum.
   3. Emitter shall have a built-in check valve that will hold back, at minimum, an 8.5' column of water.
   4. Dripline for use with recycled water systems shall be properly and permanently marked for non-potable use.
B. All fittings shall be constructed of injection molded, brown plastic having a nominal outside dimension of 17mm (0.56”). Female and male threaded ends shall be capable of mating to standard PVC pipe with tapered threads.
C. Line flushing valve
   1. Valve shall be schedule 40 PVC ball valve with brass hose thread adapter.
   2. Valve box shall be rigid plastic, with lockable cover by Carson Industries, LLC or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.
   3. Drip system operation indicator shall be Rainbird 1812 Pop-up spray body with 4-VAN nozzle set to 0-degree pattern, with Rainbird SA-125050 swing assembly and XFF-TFA barbed bt ½” FIPT fitting, or accepted equal.

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D. Pressure Regulating Filters shall be Rainbird PRB Pressure Regulating Basket Filter, or approved equal, and shall include: Basket style body and jar-top cap constructed of heavy-duty glass-filled, UV-resistant polypropylene, with 150 PSI (10,3 bar) operating pressure rating. Standard 200 mesh (75 micron) filter screen constructed of stainless steel attached to propylene frame. Normally-open in-line pressure regulating device, constructed of durable, UV resistant non-corrosive material able to accommodate an inlet pressure rating of not less than 150 PSI (10,3 bar), with preset outlet pressure of approximately 40 PSI (2,8 bar).

2.14 Thrust Blocks

A. All thrust blocks shall be concrete. The size of the blocks shall be determined by the average safe soil-bearing load of 700 lbs. per square foot.
B. Polyethylene sheeting at thrust blocks shall be 6mil.

2.15 Quick Coupler Valves

A. For potable water, quick coupling valves shall be Rainbird #44LRC or accepted equal. For recycled water, quick coupling valves shall be Rainbird #44NP lockable or accepted equal. All quick coupling valves shall be:
   1. brass or bronze with one (1) IPS female pipe connection,
   2. two piece body with a removable upper portion (for replacement), and
   3. durable yellow covers for potable and purple for recycled.
B. Valve keys shall be brass or bronze and shall be of the same manufacturer and size as the valve.
C. Valve box shall be rigid plastic, a minimum of ten inches (10”) in diameter with lockable cover by Carson Industries, LLC or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.
D. Where recycled water is used, conform to the City of Roseville Design and Construction Standards.

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2.16 Manual Valves

A. For pipe four inches (4”) and larger gate valves shall be:
   1. located where shown on the Plans,
   2. flanged with Class 125 cast iron body,
   3. bronze trimmed with a non-rising stem,
   4. square operating nut,
   5. able to withstand a cold water pressure of 150 pounds per square inch, and
   6. sized to match the pipeline which the valves serve, unless otherwise shown on the Plans.

B. For pipe three inches (3”) or smaller and on pipes which feed directly into a remote control valve, ball valves shall be installed and shall:
   1. allow for manual operations,
   2. rapid on/off , drip-tight shut-off control,
   3. be constructed of bronze or brass with heavy-duty handle,
   4. operate up to 22 gallons per minute,
   5. operate between 15 and 150 pounds per square inch, and
   6. be sized to match the pipeline which the valves serve, unless otherwise shown on the Plans.

C. Valve box shall be rigid plastic, a minimum of ten inches (10”) in diameter with extensions and lockable cover by Carson Industries, LLC, as shown on the Plans or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.

2.17 Automatic Irrigation Controller

A. Automatic controllers shall be Calsense CS3000 or accepted equal, as distributed by Ewing Irrigation, 500 Berry St # B, Roseville, CA, 95678, Attn: Tom Noonan, (916) 812-5034. Each controller shall include:
   1. CS3-LR – Calsense Local Radio,
   2. FM-B – Flow Meter (Brass),
   3. CS3-SSE or CS3-SSE-D – Stainless Steel Enclosure with:
      a) CS3000 Transient Protection
      b) TP-110 – AC Line Protection,
      c) LR-STUBBY – Antennae w/2ft cable
      d) On/Off Switch
      e) GFI electrical outlet inside enclosure.

   When multiple controllers are used, include:
   4. CS3-FL – Flowsense software (for multiple controllers sharing POC and/or communications)
   5. CS3-MSSE-KIT or CS3-SR-KIT – Hardwire or SR radio,

   When multiple flow sensors are used, include:
   6. CS3-2WIRE-OPT & CS-2W-POC (one per POC) – Additional Flow Meter interface.

B. Communication wire between controllers shall be Paige Cable P7171D or accepted equal.

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2.18 Control Wires

A. Direct burial solid copper wire AWG-U.F. 600 volt.
B. Common wire shall be minimum #12-gauge.
C. Pilot wires shall be red, minimum #14-gauge. Wire gauge shall be, at minimum:

Wire Gauge	#14	#12	#10	#8

Max. Distance (ft.)	2,500	3,250	4,000	4,800

D. Splices:
   1. Wire connections at remote control valves only shall utilize 3M direct bury splice kit model #DBY (yellow) or model #DBR (red).
   2. All other splices, including line splices, connections to flow meters and other sensors, shall utilize Spears DS-100 Connectors with Spears DS300 sealant, or accepted equal.

E. Wiring colors shall be:

USE	COLOR
Flow	Yellow
Master	Blue
Pump	Black
Valves	Red
Common	White
Spare	Orange
Tracer	Green

2.19 Sleeves

A. Schedule 40 PVC 1120-1220 and two times the diameter of the pipe to be accommodated by the sleeve, one (1) for control wires and one (1) for main line, and one (1) for lateral lines.
B. Maximum one (1) line per sleeve.
C. Add one (1) spare, same size as largest.

2.20 Tracer Wire

A. Insulated solid copper wire, minimum #12 gauge. Color shall be green.

PART 3 - EXECUTION

3.01 Site Conditions

A. Prior to start of irrigation work, review the site conditions to verify that stub- outs, points of connections, sizes of the points of connections, water pressure and other essential items necessary for irrigation work to commence are as shown on the Plans and as indicated in the Specifications.
B. Notify the Inspector immediately of any existing conditions which are unacceptable for the commencement of irrigation work.

3.02 Coordination of Work

A. Coordinate all work with other trades.
B. The irrigation plan is diagrammatic. Whenever possible, locate all pipes in planted or turf areas. Do not scale off of the Plans. Where field conditions have changed, notify the Inspector immediately.

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3.03 Excavation and Trenching

A. Trenches shall be dug straight and in such a manner as to completely support the pipe continuously along the bottom of the trench. In rocky conditions, over-excavation and placement of clean bedding material may be required to ensure protruding rocks do not place undue stress on pipes. Trench layout shall follow that shown on the Plans, except where accepted by the City.

B. The following minimum cover shall be provided for pipe:

Pipe Type	Minimum Cover
Pressurized Mainlines	24”
Non- Pressurized Lateral Lines	18”
Domestic Water Lines	24”
Control wires	24”
PVC Sleeves under Paving	18”
PVC Sleeves under Auto X-ings	24”

C. Install detection wire, looped in and out of valve boxes and attached to all irrigation mainlines.

D. High voltage wires shall not be installed in the same irrigation water line trench.

3.04 Testing and Flushing

A. Pressure Testing shall occur only when the following conditions can be fulfilled:

Item Description	Condition
Quick coupler valves	Installed and capped
Electric remote control valves	Installed
Flow valve	Installed and open
Ball/Gate valves	Installed and open
Lateral lines	Disconnected
Welded PVC joints	Cured at least 24 hours
Pipe	Center loaded with backfill
Concrete Thrust Blocks	Installed and cured at least 48 hours
Couplings and fittings	Exposed
Detection wire	Installed

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B. A pressure gauge shall be installed at the lowest point of the line. Continuous pressure shall be applied at a rate of 125 psi for all mainlines. The pressure shall remain stable for a minimum of two hours with no detectable leakage. Upon completion of the test, a complete examination of the line shall be conducted by the City. Leaks resulting from the test shall be repaired and the line shall be re-tested. This process shall be repeated until the line passes the leakage test.

C. All lines and risers shall be flushed prior to final installation of irrigation heads. All control valves shall be left open during the flushing process.

3.05 Backfilling and Compacting

A. Backfilling of trenches shall not occur until all tests and reviews have been performed. See inspection record contained in the Parks Construction Standards, latest edition. Any trench that is prematurely backfilled may be required to be re-dug for review.
B. Compaction of the trenched areas shall meet the following compaction rates of 95% in areas to receive paving and 85% in areas to be planted.
C. Do not flood trenches unless otherwise accepted by the City.
D. Sunken trenches shall be re-finished flush with the adjacent grades.

3.06 Backflow Prevention Device and Enclosure

A. Install per local codes and manufacturer's instructions.
B. When the flow meter is installed above grade, install a backflow prevention device enclosure with lockable gate.

3.07 Flow Meter Installation

A. Install per local codes and manufacturer's instructions.
B. All flow meters shall be installed in ground.
C. Install 3/4" conduit from irrigation controller to flow meter valve box. Install a pull box every 100'.
D. Valve box lids shall be permanently marked identifying FM for flow meter and MV for master valve and GR for grounding rod with heat branding using stencils in a uniform location on all boxes throughout.

3.08 Pipe Installation

A. Install irrigation pipe in planted areas whenever possible.
B. All pipe and fittings shall be cleaned and free from dirt, dust and moisture.
C. Pipe may be assembled along the trench at grade to avoid undue strain on the pipe or the fittings. All solvent weld connections shall be primed before applying glue. Snake the pipe within the trench to compensate for expansion and contraction.
D. All PVC pipe and metal valve connections shall be made with threaded fittings consistent with drawings PK-15 and PK-16 of the City of Roseville Parks Construction Standards.
E. All PVC-to-PVC threaded connections shall be made with Teflon tape.
F. Install concrete thrust blocks in locations where rubber gasketed irrigation mainlines change directions, e.g. ells, tees; as required on other lines and fittings; and at the termination point of the mainline. Do not conduct a pressure test within 48 hours of the thrust block pours. The size of the thrust blocks shall be per manufacturer's instructions and shall be adequate in size to absorb thrusts up to the maximum internal water pressure. Refer to 3.18 Thrust Blocks.

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G. Use glued fittings for all connections inside of a sleeve and within 20' of a sleeve.

3.09 Electric Remote Control Valves

A. Install per local codes, manufacturer's instructions, City of Roseville Design and Construction Standards and as shown on the Plans.
B. Install one (1) electric remote control valve per box and whenever possible, group valve boxes together. Align boxes in a straight and neat row and flush to finish grade. Provide a minimum of six (6) inches between boxes.
C. All valves shall be tagged for easy identification of valve number. Valve box lids shall be permanently marked identifying valve number and controller letter with heat branding using stencils in a uniform location on all boxes throughout.
D. Each valve shall be separately saddle tapped. Manifolded valves shall be rejected.
E. Locate valve boxes outside of turf areas, adjacent to paving, i.e. sidewalks, hardscape, etc. except where shown on the Plans.
F. Provide a minimum of eighteen (18) inches of a complete set of spare control wires, looped, within all control valve boxes.

3.10 Irrigation Heads

A. Install all heads where shown on the Plans and as specified herein.
B. Turf rotary pop-up heads shall be placed two (2) inches from any edge of adjacent walkway, concrete mow band, concrete curb, header board or other hardscape edging, or as required by current WELO regulations.
C. Rotary pop-up heads shall be installed flush with the top of finish grades of turf or planting areas.
D. Sprinkler head riser nipples sizes shall match or be the same as the riser opening of the sprinkler body.
E. Install sprinkler heads with internal check valves where heads are located in low drainage areas, i.e. bottom of berms, bottom of drainage swales, toe of slopes, etc.
F. Install all heads perpendicular to ground surface with an offset from the edge of pavement as indicated in the details.

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3.11 Drip Irrigation

A. Drip irrigation is to be installed in a grid pattern layout of equal spacing between rows, unless otherwise noted on approved plans.
B. All drip irrigation shall be installed sub-surface, per manufacturer's specifications. Staple all tubing to soil at 5 feet on-center spacing prior to backfilling.

C. Drip line shall be installed prior to plant installation, with the exception of 15-gallon and larger plant container sizes, which may be installed first at the discretion of the contractor.
D. Line Flushing Valves are to be installed below grade, as detailed, in a valve box with bolt-down lid to allow for periodic inspection and flushing.
   1. Minimum of One (1) Line Flushing Valve shall be installed for every fifteen (15) GPM of zone flow, and at every termination point within a zone, and shall be installed at a point farthest away from the source (typically on an exhaust header) as possible.
E. Pop-up drip system operation indicators shall be placed within eighteen inches (18”) of each Flush Valve and shall not be placed such that it will be obstructed by vegetation. Place minimum twelve (12) inches from adjacent hardscapes.
F. If required, Air/Vacuum Relief Valves shall be installed below grade in valve boxes to allow for periodic inspection.
G. Valve box lids shall be permanently marked identifying LF for Line Flush valve and AR for Air/vacuum Relief with heat branding using stencils in a uniform location on all boxes throughout.

3.12 Quick Coupler and Gate Valves

A. Install per local codes and manufacturer’s instructions.
B. Locate valve boxes flush with finish grade, twelve (12) inches from walkways, curbs, header boards, etc., and within planted area whenever possible.
C. Install one (1) valve per box.
D. For quick coupler valves, install at 100 feet on center to the extent possible. Provide a 24” steel support staked adjacent to the riser using two (2) stainless steel clamps.
E. For gate valves, install at locations indicated on the Plans.
F. For valve boxes installed below grade, provide 3M ball markers.
G. Valve box lids shall be permanently marked identifying GV for gate valve and QC for quick couplers, and SB for splice boxes with heat branding using stencils in a uniform location on all boxes throughout.

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3.13 Automatic Controller

A. Install per local codes and manufacturer’s instructions within the specified enclosure.
B. Provide single Paige Cable P-7171D installed in conduit between all controllers.
C. Provide all necessary wiring for a complete installation between the controller and the valves.
D. Above grade wiring shall be installed in metal conduit, unless otherwise accepted. Securely mount conduit onto enclosure or wall and paint to match the adjacent surface.

E. Provide a grounding rod and bonding for each enclosure as required for lightning protection. Grounding rod shall be consistent with drawing PK-1 of the City of Roseville Parks Construction Standards. Install separate grounding rods for each enclosure where bonding is impractical.
F. Label each controller, using permanent markings, with the letter identification indicated on the Plans. Affix label on the inside of the controller cabinet door.
G. Install 110V outlet (GFIC) inside controller enclosure.
H. Provide two (2) reduced as-built irrigation diagrams, laminated and color-coded indicating controller letter, valve/station numbers, valve size, operating pressure, gallons per minute and type of planting for each valve. See Section 01 10 00: Summary of Work 1.15B.
I. Ground test to be conducted after installation. Test results shall not exceed 25 ohms.

3.14 Control Wires

A. Wherever possible, install control wires in common trenches with mainline. The wires shall be taped in bundles at ten (10) feet on center and laid to the side of the pipe. Provide slack between ties to allow for contraction.
B. Wire valve to controller as shown on the plans.
C. Where runs are long, provide an extra three (3) feet of extra ground and control wires looped at 200’ intervals. Snake wires within trenches to allow for contraction.
D. Line splices shall occur in valve boxes at grade, label and allowed only on lengths greater than 2500’. Show locations on as-built plans.
E. Do not wrap wire around pipe or allow any wiring to be placed in concrete or concrete thrust blocks.
F. Install two (2) spare wires starting from the controller, looped to each valve box to the furthest valve box, without splices.

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3.15 Tracer Wire

A. Install tracer wire on top of the mainline.
B. Provide a twelve-inch (12”) loop in and out of each valve box. Solder all splices.
C. Where potable water lines are placed in a separate trench, install a tracer wire on top of the potable water line.
D. Tracer wire shall be tested during review and pressure test of the mainline.

3.16 Sleeves

A. Install sleeves under all pavement and as shown on the Plans.
B. Install sleeves at the depths indicated in Section 3.03B above.
C. Extend sleeves a minimum of twelve (12) inches beyond the edge of pavement.

D. At every sleeve location installed in roadways, provide a spare PVC sleeve capped at each end and marked with a 3M ball marker.

3.17 Thrust Blocks

A. Install polyethylene sheeting between mainline and concrete.
B. Thrust blocks shall be formed against a solid trench wall. The thrust block cavity shall be in undisturbed soil or previously placed compacted backfill that yields an acceptable allowable bearing pressure.
C. Concrete thrust blocks shall not be poured on valve wires.

3.18 Cross Connection Testing for Recycled Water Systems

A. The Recycled Water System shall be tested for cross connection in accordance with Uniform Plumbing Code Appendix J prior to use.
B. All testing of Recycled Water Systems must be performed utilizing a potable water source via a construction water connection per City of Roseville Construction Standards. No Recycled Water may enter a Recycled Water System until all testing is successfully completed.
C. At the time a cross connection test is to be performed, construction on both the Potable and Recycled Water Systems being tested must be complete and both systems fully operational and functioning as designed.
D. Cross connection testing shall be performed in the system by City forces with the assistance of the contractor. The test must be coordinated through the Parks Department Inspector. Forty-eight (48) hours' notice is required before the test. Depending on complexity of the site, a preliminary field meet may be required.

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3.19 Coverage Test

A. Prior to planting, the Contractor shall perform a coverage test to confirm that water coverage is complete and adequate, and produces no overspray onto hardscapes. Irrigation pressure readings at the head or emission device may also be taken as part of the coverage test to confirm adequate system hydraulics.
B. The coverage test shall be performed on the entire irrigation system and shall be performed in the presence of the Parks Inspector. The irrigation system must be connected to the City water system through the water meter. Temporary connections are not allowed. On recycled water systems, the coverage test shall take place only after successful completion of the cross-connection test, with the recycled water meter in place.
C. On Park projects containing turf, a comprehensive survey of the Distribution Uniformity (Low Quarter) of each irrigation zone containing turf shall be

performed by a third-party, certified irrigation auditor prior to planting of turf. The irrigation system must be 100% complete, including functionality of the irrigation controller and booster pump, if present. The irrigation auditor shall prepare and submit a report listing each zone's Distribution Uniformity, noting any potential deficiencies in the system leading to any inadequate findings. Reported deficiencies in Distribution Uniformity will be evaluated by the Project Manager and may require corrective measures prior to approval of turf planting. Deficiencies caused by improper installation shall be corrected at no additional cost to City.

3.20 Irrigation Audit

A. A landscape irrigation audit shall be performed after all landscape and irrigation is installed. The irrigation system must be 100% complete, including functionality of the irrigation controller and booster pump, if present.

B. All landscape irrigation audits shall be conducted by a third party certified landscape irrigation auditor. Landscape audits shall not be conducted by the person who designed the landscape or installed the landscape.

C. The water audit shall conform to the specific water audit requirements of the City of Roseville Environmental Utilities Department, and any supplemental requirements from the City of Roseville Parks, Recreation & Libraries Department. The contractor shall submit a comprehensive landscape irrigation audit. This shall include, but is not limited to:
   1. A completed Irrigation Audit Report-(City of Roseville provided forms only)
   2. Complete system evaluation, including site conditions, system and flow data.
   3. Scheduling parameters used to set the irrigation controller.
   4. An Irrigation schedule for the landscape provided to the owner.

D. A minimum of 25% of all zones shall be audited. The 25% minimum shall be a representative sample of each irrigation method present (i.e. Rotors, bubblers, rotary nozzles, drip, etc.), and is in addition to any turf zones audited during the coverage test.

E. Any deficiencies noted in the audit report such as, but not limited to, run-off, overspray, obstruction of spray patterns, etc., shall be corrected and signed off as such by the original irrigation auditor prior to submission of the report. Do not submit audit reports with uncorrected deficiencies.

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3.21 Clean Up

A. Each phase of work shall be immediately cleaned up. Excess equipment, material, etc., shall be legally disposed of and removed from site. All concrete, asphalt and/or decomposed granite paving shall be kept free of soil. Damage to such surfaces shall be immediately repaired to the satisfaction of the City.

PART 4 - GUARANTEE

4.01 General

A. Contractor shall provide a written guarantee covering all materials, equipment and workmanship furnished by him to be free of all defects after installation is accepted, including all defective parts that may have been found.
B. All paved areas shall be swept clean and planted areas shall be weed-free.
C. All irrigation heads shall be properly adjusted. Debris and refuse shall be removed from site prior to inspection.

4.02 Pre-Final (Punch List) Review

A. See Section 01 10 00 1.16 - Summary of Work for notification process.

4.03 Establishment

A. Full automated utilization of the irrigation system shall be included as part of the maintenance of the project. See Section 329000: Planting for additional information.
B. Program and utilize the establishment schedule as submitted with the turn-in items.
C. Contractor to run the system in “quantity” mode or “time plus flow” for a minimum of one (1) week.
D. Check the irrigation system weekly to ensure proper operations. Make all necessary adjustments, including watering schedule to ensure proper and healthy plant growth. At no time shall pools of water be present within any part of the project. Conversely, at no point shall dry or under-watered spots be visible upon inspection.

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4.04 Final Review

A. The Contractor shall demonstrate to the City, valve by valve, the entire irrigation system to be operable. All heads shall be adjusted/flushed and all drip zones shall be flushed prior to the on-site review. Any item requiring adjustments shall be completed immediately and to the satisfaction of the City.
B. Provide necessary training to City staff in the proper operations and maintenance of the booster pump.
C. The date of final acceptance by the City Council or the recordation of the property transfer shall signify the start date of the warranty period. Final acceptance shall include the project in total and will not segregate any specific item or trade included in the construction of the project.

END OF SECTION

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SECTION 32 90 00
PLANTING

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of landscape items, including all trees, shrubs, groundcovers and turf; maintenance for the establishment of new plant materials; and all necessary appurtenances for proper planting, noted or implied, as shown on the Plans and as specified herein.

1.03 Related Work

A. Section 31 20 00: Earthwork

B. Section 32 84 00: Irrigation System

1.04 Quality Assurance

A. Provide an experienced foreman who shall directly supervise the work force during all work to be performed under this contract. The foreman shall be present during the time when work is to be performed.

B. Plant material shall conform to current "American Standards for Nursery Stock" and the State of California Grading Code of Nursery Stock, No. 1 grade. Use only nursery-grown stock.

C. All plant material shall be certified free of plant diseases and insect infestations from the County Agricultural Commissioner as required by law. Each shipment of plant material shall be required to have clearance certificates.

D. Prior to planting, a soils fertility test/analysis shall be conducted by an accepted and qualified testing laboratory. Test results shall contain existing nutrient levels, soil texture, cation exchange capacity, soluble salts, pH levels, infiltration rates and recommended soil amendments/fertilizers to ensure proper growth of the specified plantings.

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1.05 Submittals

A. Submittals for specified items are not required; however, submittals are required for any proposed substitutions or deviations from the Plans or Specifications. Additionally, submittals are required for the specific items listed below. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting “as specified” or “substitution proposed”. Submittals are required on the following items:

1. Bark mulch material,
2. Certificates of compliance for turf seed mix, soil amendments, fertilizers and hydroseed mix,
3. Sod-grown turf,
4. Soils test-with soil amendment recommendations.
5. Trees
    a) Submit for approval, plant sources including the names of nurseries proposed as sources of acceptable trees, and a list of the trees they will provide. The plant list shall include the botanical and common name and the size at the time of selection, including basal caliper and height.
    b) Submit all requests for substitutions of plant species or size for approval. Request for substitution shall be accompanied with a list of nurseries contacted in the search for the required plant and a record of other attempts to locate the required material. Requests shall also include sources of plants found that may be of a smaller or larger size, or a different shape or habit than specified, or plants of the same genus and species but different cultivar origin, or which may otherwise not meet the requirements of the specifications, but which may be available for substitution.

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1.06 Soil Testing

A. Native soil and in-place topsoil shall be tested for amendment determination. Soil Tests shall include soil texture, macro nutrients, micro nutrients, lime, base saturation, pH, sodium, boron, salinity, Cation Exchange Capacity (CEC), and Organic content.

B. Submit soils report for review and approval after completion of grading operations. Soil Testing shall be performed by an agriculture-based lab, with detailed, written recommendations for soil amendments and fertilizers specific to ornamental landscape plants and turf.

1.07 Product Delivery, Handling and Storage

A. All materials shall be delivered bearing nursery label with botanical, common names, including cultivars.

B. Carefully handle plant material to ensure that limbs are not broken during the planting or storage of the material.

C. Store plant material in a covered area on-site, protected from inclement or hot weather on-site. Keep root balls moist by frequent watering (during hot weather) of all accepted stock until such time as planting occurs.

1.08 Inspection of Plant Material

A. Notify the Project Manager a minimum of 48 hours prior to date of delivery. All plant material is subject to inspection at the time of delivery. A sample number of plants will be inspected for the following items:

If the sample....	then the plant shall be...
is healthy, shapely and well rooted	accepted.
bears a strong central leader	accepted.
is wilted, wind-blown or sunburned	rejected.
is root-bound, restricted or deformed	rejected.
does not bear a strong central leader or has been severely pruned back	rejected.

B. Stock to be consistent with CALFIRE Nursery/Tree Quality Cue card and Root Management Cue Card. Inspector may require contractor to remove tree or plant stock from plant containers to examine roots.

C. 15 gal tree needs to have at least 1” in basal caliper, a 24” box tree needs to have at least 2” in basal caliper, a 36” box tree needs to have at least 3” in basal caliper. Basal caliper is measured as 6” above the ground.

D. Based on the sample inspection, the Project Manager or Inspector reserves the right to reject any or all of the plant material delivered. All rejected plant material shall be immediately disposed of off-site.

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1.09 Record Drawings

A. The Contractor shall keep an accurate record of the as-built conditions of the landscaping. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the “as-builts” to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Plants

A. The material to be planted shall conform to that indicated on the plans, unless otherwise accepted. The quantity shown on the Plans is approximate and is

furnished for convenience only. Verify all quantities prior to ordering plant material.

2.02 Turf

A. Turf shall be *seed*.
B. Seed –
   1. 98% pure, weed-free mixture with a minimum of 95% germination. Deliver on-site unopened and in the original containers.
   2. 100% Turf Saver RTF (Rhizomatous Tall Fescue) by Barenbrug or accepted equal.
   3. Rhyzome – Active Tall Fescue Blend by Pacific Coast Seed or accepted equal:
      34% Traverse Turf-type Tall Fescue
      33% 3rd Millennium Turf-type Tall Fescue
      33% Rhambler Turf-type Tall Fescue
   4. Turf seed mix shall be Blue tag certified.
C. Sod – Tall fescue blend with named, improved turf-type varieties only. Blend shall contain a minimum 25% Lateral Spread, Rhizomatous, or Self-Repair type tall fescue. Sod shall be non-netted, and contain no more than 10% Bluegrass.
D. Seed / Sod must be submitted and accepted by the Project Manager prior to ordering.

2.03 Soil Amendment

A. As recommended by soils test report.

2.04 Mulch

A. Regular "Walk-on" fir bark as manufactured by Redi-Gro Corporation, Sacramento, CA (916) 381-6063, Mallard Creek, Inc, Rocklin, CA (916) 645-1681, My Bark Company, Inc., Linden, CA (209) 649-4250 or accepted equal.
B. Decorative bark, shredded lumber or saw dust, and construction debris are not permitted. The mulch must be free of needles.

2.05 Topsoil

A. Stockpiled, on-site material.
B. Imported topsoil shall be natural, friable, well-draining, free from admixture of subsoil and foreign objects larger than one inch (1") in diameter, free from toxins or any other harmful substance which may deter healthy plant growth.
C. Perform a soils test for all imported soil. Soil test shall comply with Section 1.06. Submit soils report for review and approval prior to import activities.

2.06 Pre- and Post- Emergent Herbicide

A. Clean, and non-staining. Consult with a pesticide specialist.

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2.07 Tree Stakes and Ties

A. Two (two) inch diameter by eight (8) feet long minimum, pine or douglas fir (pressure or non-pressure treated).
B. Three (3) inch diameter by ten (10) feet long minimum, pine or douglas fir (pressure or non-pressure treated).
C. Tree ties should be cut in length out of flat woven polypropylene material, 3/4 inch wide, and 900 lb. break strength. Color to be Green. Product to be ArborTie manufactured by Deep Root Partners, L.P. or approved equal.
D. Tree guying to be flat woven polypropylene material, 3/4 inch wide, and 900 lb. break strength. Color to be Green. Product to be ArborTie manufactured by Deep Root Partners, L.P. or approved equal.

2.08 Native Broadcast Seed

A. Where required, broadcast seed shall be applied as follows:
   1. Upland areas (to 3' above swale bottom)

Elymus glaucus (Blue Wildrye)	10.0 lbs/acre
Nassella pulchra (Purple Needlegrass)	9.0 lbs/acre
Nassella cernua (Nodding Needlegrass)	6.0 lbs/acre
Melica caljfornica (Californiameljc)	3.0 lbs/acre
Vulpia microstachys (Small Fescue)	3.0 lbs/acre
Poa secunda (Native Pine Bluegrass)	3.0 lbs/acre
Bromus carinaws (California Brome)	2.0 lbs/acre

   2. Channel / Wetland Edges (to 3' upslope above water surface level)

Elymus trachycaulus (Slender Wheetgrass)	12.0 lbs/acre
Hordeum brachyantherum (Meadow Barley)	10.0 lbs/acre
Leymus triticoides 'Yolo' (Creeping Wildrye)	8.0 lbs/acre
Agrostis exarata (Bentgrass)	3.0 lbs/acre
Elymus glaucus (Blue Wildrye)	5.0 lbs/acre

   3. Wildflowers

Clarkia amoena (Farewell to Spring)	0.5 lbs/acre
Eschscholzia caljfornica (California Poppy)	2.0 lbs/acre
Lupinus nanus {Sky Lupine)	3.5 lbs/acre
Nemophila menziesii (Baby Blue Eyes)	1.5 lbs/acre
Lasthenia californica (Common Goldfields)	1.5 lbs/acre

B. Areas with sandy, dry soil shall receive: Zorro Annual Fescue 6 lbs/acre, Rose Clover 9 lbs/acre

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C. A fertilizer consisting of 15-15-15 shall be applied at a rate of one half pound per 1,000 square feet. Fertilizer shall be Natural-based, slow release, and balanced in N, P, & K.
D. Seed for creek banks shall conform to the latest requirements of the California Department of Fish and Game.

PART 3 - EXECUTION

3.01 Site Preparations

A. Prior to start of landscaping work, review the site conditions to verify that final grades have been established, plant/turf beds are weed free, and the irrigation system is operational as shown on the Plans and as indicated in the Specifications.
B. For landscaping within all street right-of-ways, conduct a soils analysis test of the existing soils and remove all lime-treated soils, aggregate base or other non-organic material to a minimum depth of two feet before planting or irrigation installation. Import topsoil to bring the finish grade to specified grades. Submit the soils analysis test results of the imported material prior to import.
C. Notify the Inspector immediately of any existing conditions which are unacceptable for the commencement of landscaping work.

3.02 Coordination of Work

A. Coordinate all work with other trades.

3.03 Preparation of Planting and Turf Areas

A. Upon completion of grading and underground activity, Contractor shall obtain a soils test as outlined in 1.06.
B. Place stockpiled topsoil in all areas to receive planting or turf to a minimum depth of twelve inches (12”).
C. Rip topsoil surface in two directions to a minimum depth of twelve inches (12”).
D. Spread soil amendments at the rates indicated in the soils report.
E. Rototill amendments to recommended depths. Till amendments to a depth of 6” or as recommended by soils report.
F. Remove all rock and debris which are greater than ½ inch in areas to be turfed and one inch (1”) in areas to be planted.
G. All planted and turf areas to be smooth and uniform in grade as shown on the Plans.
H. Planting areas to be sloped to drain as shown on the Plans.

3.04 Storage of Plants and Trees

A. Protect materials from deterioration during delivery and storage. Adequately protect plants from drying out, exposure of roots to sun, wind or extremes of

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heat and cold temperatures. If planting is delayed more than 24 hours after delivery, set plants in a location protected from sun and wind. Provide adequate water to the root ball package during the shipping and storage period, including weekends and Holidays.

B. Soil moisture shall be maintained above wilting point and below field capacity for the root ball substrate or soil.

C. All plant materials must be available for observation prior to planting. Any plants determined to damaged or distressed due to improper watering may be rejected by inspector and shall be replaced at no cost to City.

3.05 Plant Installation

A. Tree and Shrub Planting

1. Remove only those plants which will be planted the same day. Place such plants in the proposed locations for review and accepted by the City prior to actual planting. Notify the Inspector a minimum of 48 hours prior to day of planting.
2. Dig planting pits as shown on the Plans and as shown in the Parks Construction Standards. Scarify the sides and bottom of pit to prevent glazing. Fill pit completely with water and allow the water to completely drain from the pit prior to actual planting.
3. Relocate any plantings taller than 6” in height that fall in front of any irrigation head in order to ensure proper coverage of the irrigation system.
4. For pits that retain water, completely penetrate the hardpan layer at the bottom of the pit and backfill with topsoil. Fill pit with water to test and ensure proper drainage.
5. Prior to tree planting a central leader needs to be established by pruning, as necessary. Codominant leaders need to be removed or suppressed. Refer to the CALFIRE "Tree Training", "Tree Planting", and "Tree Quality" cue cards and "Tree and Plant Root Management Standard and Quality Expectations" contained in Section 5 of these Standards.
6. Plants shall be removed from their containers only at the time of placement within the plant pit. Perform root pruning on all four sides of the root ball by shaving and cutting away the root ball periphery to reduce the amount of circling roots. Starting from the top and then cutting/slicing down to the bottom of the root ball. On a 15 gal container at least 1-1.5 inches of the root ball periphery needs to be removed by slicing or shaving. On a 24” and 36”box tree at least 2 inches of the root ball periphery needs to be removed by slicing or shaving. A sharp hand pruning saw needs to be used for the slicing or shaving of the root ball. Refer to the CALFIRE "Root Management" cue card contained in Section 5 of these Standards. This process will remove many girdling and circling roots deflected by the container wall and

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allows for root penetration within the planting basin. Spread all roots to the side to allow proper root development. Add native backfill and amendments as shown in the Parks Construction Standards and as recommended by the soils testing laboratory.

7. Plant tree at least three inches (2”) above grade on mount to prevent bowl effect. The tree’s beginning root flare must be located at top of grade with installed sod.
8. Carefully place plant into the plant pit without damaging the root ball. Water the backfill until saturated.
9. Construct berm and place tree stakes and install mulch per the Parks Construction Standards. Mulch is required for trees within the turf area.
10. Where mowing will occur, provide an eight-foot (8’) minimum horizontal clearance between trees and other site improvements, including shrubs.
11. Tree ties should be installed via a figure eight loop and each tie shall be secured with a nail on the tree stake. Install two (2) Arbor Ties at 2/3 of tree height and two (2) Arbor Ties at ½ of tree height.
12. Trees less than 8' in height require an 8' stake. Trees 8' or greater in height require a 10' stake.
13. Tree stakes should be inserted into the ground to a minimum depth of 18".

B. Groundcover Planting
   1. Place groundcover plants in neat, straight, and parallel rows, triangularly spaced as shown on the Plans and as indicated herein.
   2. Start the first row of planting at a distance equal to the on-center spacing required per plan, minimum, from the edge of the adjacent hardscape, mow band or header board.
   3. Groundcover shall be installed to the outside edge of the water basins of trees or shrubs.

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3.06 Turf Planting

(Hydroseeding for turf or natural areas)

A. Lightly scarify areas to be hydroseeded.
B. Tank, hose and associated apparatus must be thoroughly clean and free of debris or other material prior to placement/spraying of seed.
C. Hydroseed turf mix shall contain the following:

Material	**Application Rate**
Turf Seed	Per Manufacturer’s Recommendations
Wood Cellulose Fiber Mulch	60 lbs. per 1,000 SF
Binder	Per Manufacturer’s Recommendation
Fungicide turf only	1/3 lb. per 1,000 SF

Fertilizer	Per soils lab recommendation and as approved by Parks, Recreation & Libraries Department
Soil Conditioner	Per Soil Conditioner soils lab recommendation and as approved by Parks, Recreation & Libraries Department

D. Blend mix in a hydraulic mixer until all material is consistently blended.
E. Apply mix at a rate of 125 pounds per 1,000 square feet unless otherwise recommended by the manufacturer.
F. Spray mixture consistently over the area to be hydroseeded. Protect adjacent areas such as paving, walls, play areas and other from overspray.
G. At the end of each day of spraying operations, clean up all areas where overspray has occurred.
H. Once seed is placed, it should not be allowed to dry out.

3.07 Mulch

A. Prior to placing mulch, apply post-emergent herbicide to any weeds present, per label directions.
B. Prior to placing mulch, apply pre-emergent herbicide in all planting areas, per label directions.
C. Apply three inches (3”) of mulch in all landscape planter areas.
D. Keep mulch a minimum of three inches (3”) away from the trunks of all woody shrubs and six inches (6”) away from all trees. Taper mulch profile away from this point to prevent subsequent collection of mulch against trunks.

3.08 Watering

A. Upon completion of each planting or turf area, irrigate appropriately to ensure proper health and growth.
B. Continually adjust the irrigation for plant needs regardless of air temperature.

3.09 Clean-up

A. Upon completion of planting operations, collect and remove from site all empty plant containers, debris, rubbish and other trash.
B. Sweep clean and wash all hardscape areas.
C. Clean up shall occur, at minimum of once a week, at the end of the work week.
D. Maintain the entire site in a clean condition to the satisfaction of the City.

3.10 Pre-Final (Punch List) Review

A. See Section 011000 1.16 of the Summary of Work for notification process.
B. The following conditions must be met in order for planting to be considered towards substantial completion, as required to enter into the establishment period described in Section 011000, 1.16:

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1. For seeded turf:
   a. Upon completion of the second mowing of completely germinated turf. Second mowing is defined as full coverage of turfed area 90% weed free.
   b. Root depth – Turf grass roots shall be healthy, creamy-white in color and be 4” or greater in length/depth as measured from the soil surface to root tip. This shall be consistent throughout turfed area.
   c. Turf shall be of uniform green color with no visible signs of stress due to soil fertility, moisture, disease or pests.
2. For sodded turf:
   a. Accepted installation of the sod.
   b. Turf shall be of uniform green color with no visible signs of stress due to soil fertility, moisture, disease or pests.
3. For trees and shrubs:
   a. Trees and shrubs shall be properly installed, and with no visible signs of stress due to soil fertility, moisture, disease or pests.

3.11 Establishment Period

A. Active maintenance is required throughout the entire establishment period:
   1. Maintain turf to a height of two and one half inches (2-1/2”) for cool season turf varieties and one and one half inches (1-1/2”) for warm season turf varieties. Maintained height shall be measured from the surface of finish grade to the top of the leaf blade throughout the establishment period, and mowed as frequently as required to maintain said height. At no time shall the leaf blade be mowed or cut more than 1/3 of the length of the blade. Root mass/depth must remain consistent as measured at the start of establishment or greater.
   2. Edge all turf areas along hardscape edges.
   3. Re-seed all bare areas within the turf as soon as evident.
   4. Immediately replace all dead plants.
   5. As necessary, raise all trees and shrubs which have sunk within the plant pit beyond the levels indicated in the Standard details.
   6. Keep all areas free of weeds, pests and disease.
   7. For trees located in turf areas, maintain a circle free of turf at a distance described in the Standard details
B. Prior to the start of the final thirty (30) days of establishment:
   1. All plant replacements shall be completed.
   2. All plantings and turf shall be thriving and in a healthy condition.
   3. The lack of active maintenance prior to the final thirty (30) days may constitute a delay in the start of the final thirty (30) days of the establishment period.

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3.12 Final Review

A. The Inspector shall review the site for completion of items noted, but not limited to, “B” below. All corrective action is required to enter into the final thirty (30) days of establishment.
B. The site shall be prepared for review, by ensuring that:
   1. All spray heads have been properly adjusted,
   2. Dead plants have been replaced,
   3. Planting areas have been weeded,
   4. Turf areas have full germination, are consistent in green color and are weed-free,
   5. Walkways and paved areas have been swept and washed, and
   6. Turf roots meet standards outlined in 3.10
C. Failure to complete any one or all of the above items may constitute non-performance of the final review and will require re-scheduling. In this case, the cost of the extended establishment period shall be at no additional cost to the City.

PART 4 - GUARANTEE

4.01 General

A. Contractor shall provide a written guarantee covering all plant materials (trees & shrubs) furnished by him to be free of all defects or disease and that all plants are in a healthy and thriving condition at the completion of the contract. Deciduous plant material shall be warranted beyond the time of contract completion until such time as growth becomes evident.

(For all park construction projects)

B. All plants, except those provided by the City, shall be warranted for a period of one (1) year, commencing on the date of final acceptance. The warrantee shall be as outlined in Section 011000: Summary of Work, paragraph 1.19.

(For all streetscapes, street landscape frontage, street medians and Lighting & Landscape District projects.)

C. All plants, except those provided by the City, shall be warranted for a period of nine (9) months, minimum, commencing on the date of final acceptance. Warrantee responsibilities expire upon acceptance and approval of the “Certificate of Completion” for the overall development project. The warrantee shall be as outlined in Section 011000: Summary of Work, paragraph 1.19.

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END OF SECTION

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SECTION 33 00 00
UTILITIES

PART 1 - GENERAL

1.01 General Requirements

A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.

B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

C. The standards set forth in the City of Roseville Design and Construction Standards, latest edition, for storm drainage throughout the project and for sanitary sewer installations within the public rights-of-ways, easements, or as shown on the improvement plans shall be in addition to the standards provided herein.

D. The standards set forth in the latest edition of the California Building Code (CBC) for sanitary sewer installation within the project site, outside of the public right-of-way or easement shall be in addition to the standards provided herein.

1.02 Description

A. Furnish all labor, materials and equipment for the complete installation of the storm drain system and sanitary sewer pipe, and necessary appurtenances as shown on the Plans and as specified herein.

B. Submit a materials listing for review and approval prior to commencement of specified work.

1.03 Related Work

A. Section 31 10 00: Clearing and Grubbing

B. Section 31 20 00: Earthwork

1.04 Safety Requirements

A. Furnish, install and maintain required sheeting, shoring, bracing, and other methods to ensure complete and safe work environment for all workers. Upon completion of work, remove all bracing, shoring, etc. in its entirely, unless otherwise directed by the Inspector.

B. Prior to excavation or trenching, the Contractor shall contact USA Alert (800)

C. 227-2600 to locate all known utilities a minimum of 48 hours prior to start of work. During the course of construction, the Contractor shall take every precaution to maintain and protect utilities noted to remain. Said utilities shall remain operational at all times, unless otherwise noted on the plans.

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D. The existing utilities are shown on the Plans based on the information available at the time of contract document development. The City shall not assume responsibility for any inaccuracies or incompleteness of the Plans based on such information. The Contractor shall immediately notify, upon damage of any pipeline or facility, the Owner and/or its agents and take every action necessary to repair or replace damaged facilities to the satisfaction of the Inspector, and at no additional cost to the City.
E. Trenches, excavations and repair of pavement shall be consistent with Section 31 20 00: Earthwork.

1.05 Coordination

A. The piping system as shown on the Plans is diagrammatic. The Contractor shall make reasonable adjustments to the layout to avoid conflicts, based on actual field conditions. Said changes shall not interfere with the design intent of the system.

1.06 Tolerance

A. The allowable tolerance for the installation of pipe is 0.05 feet within grades or spot elevations indicated on the Plans.

1.07 Product Storage

A. Take every precaution to protect the materials and pipes from damage during the delivery, storage and installation of the pipe system. Store in a cool, contained area, protected from direct sunlight and per manufacturer's recommendations. Pipe shall be supported on firm level ground at the site.

1.08 Record Drawings

A. The Contractor shall keep an accurate record of the as-built conditions of the storm drain and sanitary sewer system. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

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PART 2 - PRODUCTS

2.01 General

A. All products shall conform to City of Roseville Design and Construction Standards, latest edition, except as noted below.

2.02 Drain Pipe

A. Solid drainpipe shall be PVC SDR 35 and shall conform to ASTM D1784, or accepted equal. Gasketed connections shall conform to ASTM F477.

B. Perforated drainpipe shall be smooth walled PVC, open per Caltrans Section 68-1.02K, or accepted equal.

2.03 Drain Rock

A. Drain rock shall be Class 2 washed, ¾" diameter.

2.04 Filter Fabric

A. Filter fabric shall be MiraDRAIN 5000, or accepted equal.

2.05 Drains

A. Drain Inlets shall be pre-cast and a minimum size of twenty-four inches (24") square or round by Jensen Precast, or accepted equal.
   1. Grate shall be heavy duty, cast iron, walk-on, and bolt down.
   2. Box extensions shall be Jensen Precast, or accepted equal.
   3. The base shall be six inches (6") thick.
   4. Walls shall be six inches (6") thick.
   5. A "No Dumping" Metal Storm Drain Marker shall be affixed to the concrete color of each drain inlet (See Detail DR-20)
   6. Contractor may install cast-in-place drain inlets in lieu of pre-cast drain inlets. Submit shop drawings and concrete mix design for review and approval.

B. Channel Drains for baseball/softball backstop areas shall be Polycast 600 series pre-sloped trench drains with galvanized steel slotted grates or accepted equal.

C. Drinking fountain drain inlet shall be eight inch (8") round cast iron drain with cast iron grate, #Z-742-VP by Zurn or accepted equal.

D. Sanitary sewer clean outs shall be as specified in the City of Roseville, Design and Construction Standards, latest edition.

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2.06 Manholes

A. Manholes shall have tongue and groove joints, be forty-eight inches (48") minimum in diameter, meeting ASTM C-478.

B. Covers shall be cast iron.

C. All components shall conform to the City of Roseville Design and Construction Standards, latest edition.

2.07 Tracer Wire

A. Insulated solid copper wire, minimum #12 gauge. Color shall be green.

2.08 Vitrified Clay Pipe

A. Vitrified clay pipe (VCP) shall be as specified in Section 91 Sanitary Sewer in the City of Roseville, Design and Construction Standards, latest edition.

2.09 Potable Water Warning Tape

A. On sites with both Recycled water and potable water lines. Blue plastic tape, 3 inches wide, with the words “CAUTION: POTABLE WATERLINE” imprinted in minimum 1-inch high, black letters. Imprinting shall be continuous and permanent.

2.10 Other (Specify)

A. Additional products not listed in City Standard.

PART 3 - EXECUTION

3.01 General

A. All pipes shall slope uniformly from given elevations shown on the Plans.
B. All pipes shall be accurately laid true to line and grade, utilizing accepted construction methods.
C. Damaged or cracked pipe and fittings shall not be installed and shall be removed from site.
D. Install all pipe in locations shown on the Plans, except where existing conditions necessitate minor changes.
E. All pipe and fittings shall be kept clean and closed throughout the course of construction.
F. Connections to existing sanitary sewer stubs shall be “TV-ed” and air tested prior to the start of construction per the City of Roseville Design and Construction Standards, latest edition.

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3.02 Installation

A. Installation of the specified pipe lines shall conform to the City of Roseville Design and Construction Standards, latest edition.
B. Notify the Inspector a minimum of 48 hours prior to covering of work to ensure timely inspections.
C. Cutting of AC or concrete paving shall be clean, vertical and straight, using a saw, or other tool specific to this application. Replace paving to existing or better condition prior to work.
D. Trench and backfill shall be per City of Roseville Design and Construction Standards, latest edition.
E. Catch basins and drain inlets shall be installed with a concrete collar with “No Dumping” message and fish symbol depressed into the concrete or bolted in place, consistent with Drawing DR-20 the City of Roseville Design and Construction Standards, latest edition.

F. Drain inlets installed in mulched planter areas shall have a 12-inch wide collar of 2- to 6-inch river cobble placed over filter fabric.
G. Channel drains shall be set per manufacturer's instructions. Place slotted grates along the entire length of the backstop, including wing fencing, wherever concrete is placed adjacent to the backstop system. Provide a below grade piped connection at all gate openings into the infield area. Do not install grated drain sections at these entry/exit points.
H. Drain inlets at drinking fountains shall be located under jug filler and connected to storm drain per local codes.
I. Manholes shall be per City of Roseville Design and Construction Standards, latest edition. Install grate flush with finish grade.
J. Sanitary Sewer Clean-outs shall be installed with 3M ball markers and shall be located within planted or turf areas, whenever possible. Place clean-outs at 100' intervals throughout the project. Clean-outs shall not be located within play areas. Install per City of Roseville Design and Construction Standards, latest edition.
K. Upon completion, thoroughly flush storm drain system in the presence of the Parks Inspector.
L. Installation of additional products not listed in the City Standards.

3.03 Tracer Wire

A. Install tracer wire on top of the potable water lines.
B. Tracer wire shall be continuous with no splices.

3.04 Potable Water Warning Tape

A. To be used on all potable water piping installed within the same project limits as on-site recycled water piping.
B. Install plastic warning tape in pipe backfill, six inches above pipe, for the entire length of the pipe.

3.05 Cleaning

A. Keep site clean at all times. Remove from the site all debris and rubbish and legally dispose.

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END OF SECTION

CONSTRUCTION PLANS FOR

FOUR CORNERS PARK

(FORMERLY W-50C)

CITY OF ROSEVILLE, CA

MARCH 26, 2021

CWJ#
EN#
BD#
WDID#

SHEET INDEX:

NO.	SHEET INDEX	SHEET LABEL
1	TITLE SHEET	T-1.0
2	SCOPE OF WORK & ACCESSIBLE PATH OF TRAVEL EXHIBIT	T-1.1
3	GENERAL NOTES AND DEMOLITION NOTES	LD-1.0
4	CIVIL NOTES AND LEGEND	C-1.0
5	SITE DEMOLITION PLAN	C-1.1
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19	ELECTRICAL SYMBOLS AND NOTES	E0.1
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27	LANDSCAPE IRRIGATION DETAILS	LI-2.2
28	LANDSCAPE PLANTING PLAN, SCHEDULE & NOTES	LP-1.1
29	LANDSCAPE PLANTING DETAILS & NOTES	LP-2.0

FOR BUILDING DEPARTMENT REVIEW:

ADA PATH OF TRAVEL: T-1.1
DRINKING FOUNTAIN LAYOUT (ADA): T-1.1
DRINKING FOUNTAIN DETAIL: LC-2.0
BOCCE COURT LAYOUT (ADA): T-1.1
BOCCE COURT DETAIL: LC-2.2
ELECTRICAL: E-0.1,E1.1,E9.1,E9.2
SHADE STRUCTURE: LC-2.4

SPECIAL INSPECTIONS REQUIRED:

TBD

CUT AND FILL CALCULATIONS:

ESTIMATED EARTHWORK QUANTITIES			
SITE CUT=	725 CY	NET CUT/FILL=	460 (CUT) CY
SITE FILL=	265 CY		

FOR REFERENCE ONLY, NOT FOR BIDDING. CONTRACTOR SHALL DEVELOP HIS/HER OWN ESTIMATE OF QUANTITIES FOR BIDDING PURPOSES.

OFFHAUL GENERAL NOTE:
PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS, THE CONTRACTOR SHALL IDENTIFY THE SITE WHERE THE EXCESS/BORROW EARTHEN MATERIAL SHALL BE IMPORTED/DEPOSITED. IF THE BORROW/ DEPOSIT SITE IS WITHIN THE CITY OF ROSEVILLE, THE CONTRACTOR SHALL PRODUCE A REPORT ISSUED BY A GEOTECHNICAL ENGINEER TO VERIFY THAT THE EXPORTED MATERIALS ARE SUITABLE FOR THE INTENDED FILL, AND SHALL SHOW PROOF OF ALL APPROVED GRADING PLANS. HAUL ROUTES TO BE USED SHALL BE SPECIFIED.

PROJECT ADDRESS:

FOUR CORNERS PARK
6101 GARLAND WY
ROSEVILLE, CA 95747

OWNER:

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678
916-774-5342

PROJECT DIRECTORY:

LANDSCAPE ARCHITECT & PRIME CONSULTANT :

SCHMIDT DESIGN GROUP, INC.
1310 ROSECRANS ST, SUITE G
SAN DIEGO, CA 92121
619-236-1462
619-236-6792 FAX
CONTACT: GLEN SCHMIDT, PRINCIPAL
email: gschmidt@schmidtdesign.com

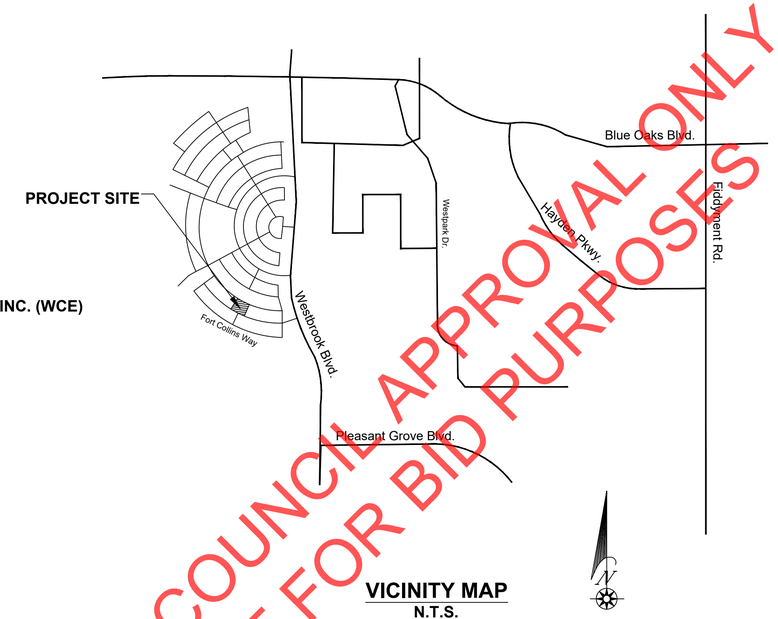
CHRIS TIFFANY, ASSOCIATE
email: ctiffany@schmidtdesign.com

CIVIL ENGINEER:

WARREN CONSULTING ENGINEERS, INC. (WCE)
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
916-985-1870
CONTACT: ANTHONY TASSANO
email: anthony@wceinc.com

ELECTRICAL ENGINEER:

HARRY A. YEE & ASSOCIATES, INC
4920 FREEPORT BLVD., SUITE D
SACRAMENTO, CA 95822
916-454-5519
CONTACT: TOM YU
email: tom@hyaengineers.com



VICINITY MAP
N.T.S.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

DECLARATION OF RESPONSIBLE CHARGE:

I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS THE LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

SIGNATURE *DATE* XX/XX/XXXX

GLEN SCHMIDT
REGISTRATION NO. 2138

REFERNCE DOCUMENTS:

PARK SITE W-50C MASTER PLAN
SEPTEMBER 20, 2020

PREPARED BY:
SCHMIDT DESIGN GROUP, INC.
1310 ROSECRANS ST. SUITE G
SAN DIEGO, CA 92106
(619) 236-1462

APPLICABLE STANDARD DRAWINGS & SPECIFICATIONS:

CITY OF ROSEVILLE, PARKS DESIGN AND CONSTRUCTION STANDARDS.

CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS.

DISABLED ACCESS REGULATIONS, TITLE 24, (ADA STANDARDS BASED UPON THE ADAAG) AND CALIFORNIA STATE ACCESSIBILITY STANDARDS INTERPRETIVE MANUAL (CURRENT REVISION) PREPARED BY THE OFFICE OF THE STATE ARCHITECT AND DEPARTMENT OF REHABILITATION.

2016 CALIFORNIA BUILDING CODE

AMERICANS WITH DISABILITIES ACT REGULATION: ADA/ABA (THE AMERICANS WITH DISABILITIES ACT AND ARCHITECTURAL BARRIERS ACT) ISSUED BY THE ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD (CURRENT EDITION).

NOTE:
LATEST EDITIONS OF THE PRECEDING SPECIFICATIONS AND DRAWINGS SHOULD BE USED. WHERE ONE OR MORE SETS OF SPECIFICATIONS ARE APPLICABLE, THE MORE RESTRICTIVE WILL TAKE PRECEDENCE.

INSPECTION STAGES:

IN ADDITION TO THE INSPECTOR, LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE TO BE PRESENT AT THE FOLLOWING INSPECTION STAGES:

1. PRE-CONSTRUCTION MEETING.
2. ROUGH GRADING AND DRAINAGE.
3. HARDSCAPE AT TIME OF FINISHED STAKING AND LAYOUT.
4. FINISH GRADING AND SOIL PREPARATION.
5. IRRIGATION INSTALLATION AND TESTING.
6. LANDSCAPE PLANTING.
7. PROJECT CONSTRUCTION 90% COMPLETE (DEVELOP PUNCH LIST AND SUBMIT RED-LINE AS BUILT).
8. FINAL WALK-THROUGH, ACCEPTANCE BY THE OWNER (CONTRACTOR TO SUBMIT FINAL APPROVED AS-BUILTS TO THE OWNER).

APPLICABLE BUILDING DESIGN CODES:

THE CITY OF ROSEVILLE HAS ADOPTED AND ENFORCES THE FOLLOWING BUILDING DESIGN CODES:

- 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC);
- 2019 CALIFORNIA BUILDING CODE (CBC);
- 2019 CALIFORNIA HISTORIC BUILDING CODE (CHBC);
- 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC);
- 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC);
- 2019 CALIFORNIA MECHANICAL CODE (CMC);
- 2019 CALIFORNIA PLUMBING CODE (CPC);
- 2019 CALIFORNIA ELECTRICAL CODE (CEC);
- 2019 CALIFORNIA ENERGY CODE (CEC PART 6);
- 2019 CALIFORNIA FIRE CODE WITH CITY OF ROSEVILLE AMENDMENTS (RFC);
- ROSEVILLE MUNICIPAL CODE (RMC).

CITY OF ROSEVILLE CALIFORNIA

99% CONSTRUCTION DOCUMENTS 03/26/2021

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE HORIZ: - VERT: -
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 2138 RENEWAL DATE 08-31-19 08-22-18 DATE STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

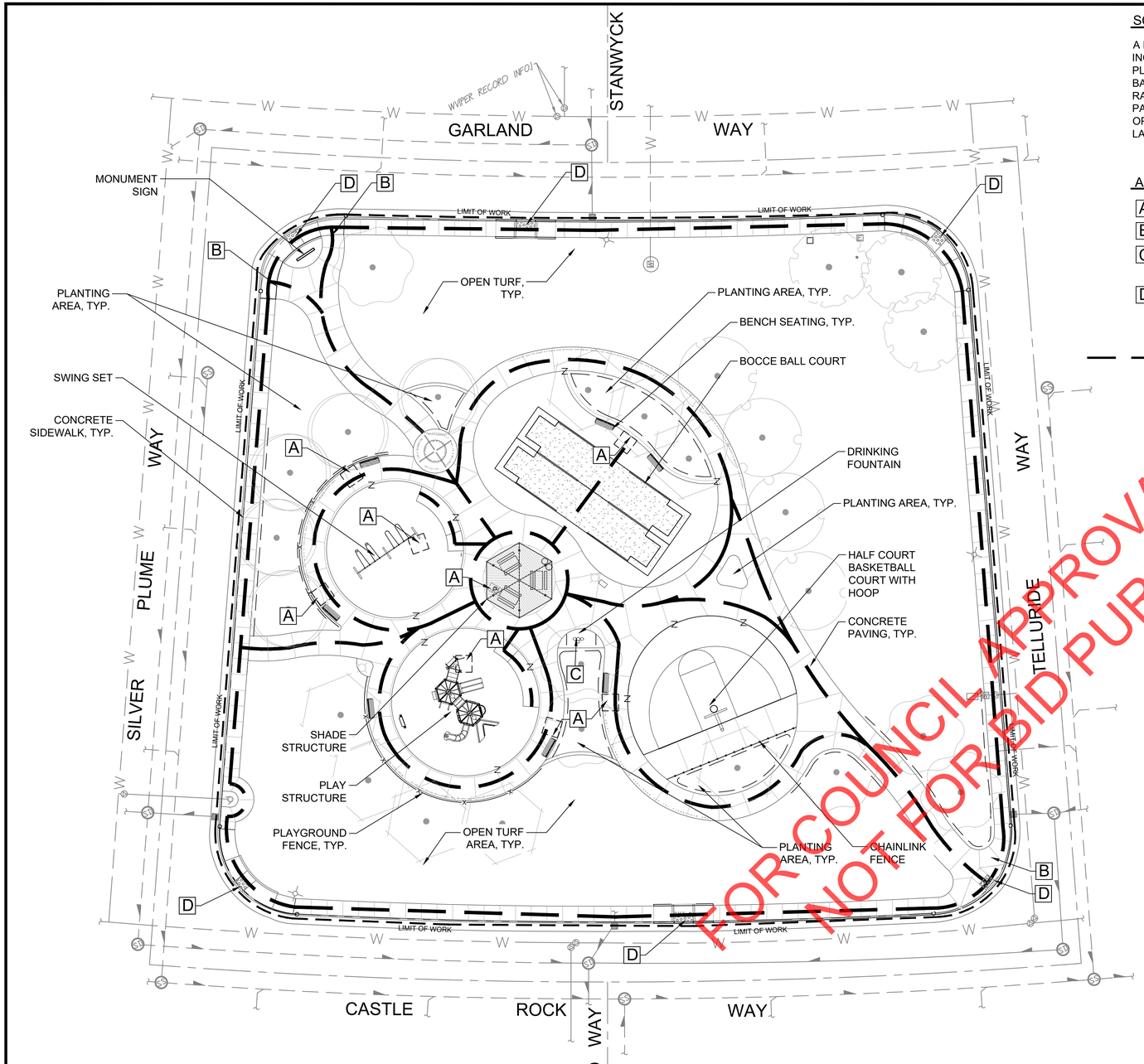
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
TITLE SHEET

City of Roseville Approval

T-1.0
SHEET 1 OF 29
DWG. NO. -



SCOPE OF WORK:

A NEW 1.2 ACRE PUBLIC PARK WITH AMENITIES INCLUDING, BUT NOT LIMITED TO, A CHILDREN'S PLAY AREA, BASKETBALL COURT AREA, BOCCE BALL COURT AREA, SHADE STRUCTURE, BIKE RACK, DRINKING FOUNTAIN, PEDESTRIAN PATHWAYS, TRICYCLE TRACK, SHADE TREES, OPEN TURF AREAS, BENCHES, PICNIC TABLES, LANDSCAPE, AND IRRIGATION.

ACCESSIBLE 'PATH OF TRAVEL' LEGEND:

- A — ADA COMPANION SEATING
- B — PARK ENTRANCE
- C — DRINKING FOUNTAIN, SHALL COMPLY WITH CBC TITLE 24, SECTION 11B-202.4.3.
- D — CURB RAMPS PER TITLE 24, SECTION 11B-406. COMPLIANT WITH TRUNCATED DOME SURFACE PER TITLE 24, SECTION 11B-406.5.12
- ACCESSIBLE PATH OF TRAVEL

ACCESSIBLE PATH OF TRAVEL NOTES:

1. THE PARK IS TO PROVIDE A CONTINUOUS UNOBSTRUCTED ACCESSIBLE ROUTE OF TRAVEL CONNECTION TO ALL ACCESSIBLE ELEMENTS AND SPACES IN AN ACCESSIBLE BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A SEVER DISABILITY USING A WHEELCHAIR, AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES.

2. SITE DEVELOPMENT AND GRADING HAS BEEN DESIGNED TO PROVIDE ACCESS TO ALL ENTRANCES AND EXTERIOR GROUND FLOOR EXITS, AND ACCESS TO NORMAL PATHS OF TRAVEL, AND WHERE NECESSARY THE DESIGN SHALL INCORPORATE PEDESTRIAN RAMPS, CURB RAMPS, ZERO CURB, ETC. TO PROVIDE ACCESS CONSISTENT WITH DEFINITION OF ACCESSIBLE ROUTE OF TRAVEL PER TITLE 24, SECTION 11B-206.

3. WHEN MORE THAN ONE BUILDING OR FACILITY IS LOCATED ON A SITE; AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE PROVIDED BETWEEN BUILDINGS AND OR ACCESSIBLE SITE FEATURES.

ACCESSIBILITY NOTES:

SITE PLAN REQUIREMENTS
1. SITE TO COMPLY WITH TITLE 24, SECTION 11B-206.2.1, 11B-206.2.2, 11B-206.3, 11B-206.4, 11B-216.6, 11B-703.4.1, AND 11B-703.4.2.

CURB RAMPS
1. PURSUANT TO SECTION 11B-406.5.1, DETECTABLE WARNINGS, EXTENDING THE FULL WIDTH AND DEPTH OF THE CURB RAMP, INSIDE THE GROOVED BORDER ARE TO BE INSTALLED. DETECTABLE WARNINGS ARE TO CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF 0.9" AT THE BASE, TAPERING TO 0.454" AT THE TOP. SPACING OF THE DOMES SHALL BE 2.35" ON CENTER.

WALKS AND SIDEWALKS
1. PROPOSED ONSITE WALKS DO NOT EXCEED 1:20 (5%).
2. WALKS ALONG AN ACCESSIBLE ROUTE OF TRAVEL ARE ≥48" WIDTH AND HAVE SLIP RESISTANT SURFACES. THE MAXIMUM PERMITTED CROSS SLOPE FOR THE ACCESSIBLE ROUTE OF TRAVEL SHALL BE ≤ ¼" PER FOOT (SECTION 11B-403.3.)
3. ANY ABRUPT LEVEL CHANGES WILL BE ≤1/2" ALONG ANY ACCESSIBLE ROUTE OF TRAVEL. WHEN CHANGES OCCUR, THEY SHALL BE BEVELED WITH A SLOPE OF ≤1:12. LEVEL CHANGES OF ≤1/4" MAY BE VERTICAL.
4. HEADROOM OF >80" IS PROVIDED FROM AL WALKWAY SURFACES TO OBSTRUCTIONS PER SECTION 11B-307.4.
5. PLANS DEPICT THAT A LEVEL 60" X 60" LEVEL AREA IS PROVIDED AT AREAS WHERE DOORS (OR GATE) SWINGS TOWARD THE ACCESSIBLE ROUTE OF TRAVEL, PER SECTION 11B-403.7. WALK EXTENDS >24" BEYOND THE STRIKE EDGE OF ANY DOOR (OR GATE) THAT SWINGS TOWARD THE WALK.
6. WALKWAYS WITH CONTINUOUS GRADIENT SHALL PROVIDE A LEVEL AREA >5'0" LONG AT INTERVALS OF 400'0" MAXIMUM, PER SECTION 11B-403.7.

ENTRANCES AND CIRCULATION
1. ALL ENTRANCES TO SITE BUILDINGS AND FEATURES ARE ACCESSIBLE PER SECTION 11B-206.4.
2. ACCESSIBLE ROUTES OF TRAVEL ARE DEPICTED ON THE ACCESSIBLE ROUTE OF TRAVEL EXHIBIT.

EXTERIOR STAIRWAYS AND HANDRAILS
1. NO EXTERIOR STAIRWAYS ARE PROPOSED FOR THE PROJECT

SPECIAL HAZARDS
1. WHERE WALKS CROSS, OR ADJOIN A VEHICULAR WAY AND WALKING SURFACES ARE NOT SEPARATED BY CURBS OR OTHER ELEMENTS, PER SECTION 11B-705.1.2.5, A CONTINUOUS DETECTABLE WARNING WITH THE FOLLOWING CRITERIA SHALL BE PROVIDED: ≥36" WIDTH AND A SURFACE OF RAISED TRUNCATED DOMES IN A STAGGERED PATTERN WITH A DIAMETER OF NOMINAL 0.9" AT THE BASE, TAPERING TO 0.45" AT TOP, HEIGHT OF 0.2", AND NOMINAL ON CENTER SPACING OF 2.35".

COUNTERS AND TABLES
1. PICNIC TABLES AND SEATING PROVIDED FOR THE PUBLIC MEET OR EXCEED THE REQUIREMENTS OF SECTION 11B-206.2.4 AND 11B-226.1.
2. PICNIC TABLETOPS SHALL BE 28" TO 34" FROM FLOOR PER SECTION 11B-226.1 AND 11B-902.3.

PARKS
1. ALL PICNIC AREAS, DAY USE AREAS, AND SIMILAR AREAS ARE ACCESSIBLE AS DEPICTED ON THE ACCESSIBLE ROUTE TRAVEL PATH EXHIBIT. NO NATURE TRAILS ARE PROPOSED FOR THE PROJECT.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

SCALE: 1"=20'-0"
0 10 20 40
NORTH

99% CONSTRUCTION DOCUMENTS 03/26/2021

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NOT FOR CONSTRUCTION
LICENSED LANDSCAPE ARCHITECT
ELENA SCHMIDT
No. 5331
EXPIRATION 08-31-19
RENEWAL DATE 08-22-18
DATE
STATE OF CALIFORNIA

SCHMIDT DESIGN GROUP
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619.236.1462
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CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
SCOPE OF WORK & ACCESSIBLE PATH OF TRAVEL EXHIBIT

City of Roseville Approval

T-1.1
SHEET 2 OF 29
DWG. NO. –

DEMOLITION NOTES:

1. SUMMARY

   A. CLEAR AND GRUB THE PROJECT SITE PRIOR TO CONSTRUCTION, AS SPECIFIED HEREIN, AND AS NEEDED FOR A COMPLETE AND PROPER PREPARATION OF THE SITE.
   B. LOCATION AND ELEVATION OF ALL EXISTING IMPROVEMENTS WITHIN THE AREA OF WORK SHALL BE CONFIRMED BY FIELD MEASUREMENT PRIOR TO CONSTRUCTION OF NEW WORK.

2. QUALITY ASSURANCE

   A. USE ADEQUATE NUMBERS OF SKILLED WORKPEOPLE WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIC REQUIREMENTS AND THE METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK OF THIS SECTION.
   B. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE THEREFORE.

3. PROJECT CONDITIONS

   A. TRAFFIC: CONDUCT SITE PREPARATION WORK TO ENSURE MINIMUM INTERFERENCE WITH EXISTING ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT EXISTING STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
   B. COMPLETE THE CLEARING AND SITE PREPARATION WORK BEFORE STARTING EARTHWORK, ERECT TEMPORARY BARRICADES, ENCLOSURES, AND PROTECTION OF ADJACENT PROPERTY AND EXISTING WORK BEFORE STARTING SITE CLEARING WORK.
   C. INSPECT AND REVIEW THE PROJECT SITE TO DETERMINE EXISTING CONDITIONS WHICH AFFECT CONSTRUCTION OPERATIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATED ALL SUBSTRUCTURES, WHETHER SHOWN HEREON OR NOT, AND PROTECT THEM FROM DAMAGE. THE EXPENSE OF REPAIR OR REPLACEMENT OF SAID SUBSTRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ALL EXISTING IRRIGATION LATERALS, HEADS, AND MAINLINES DISTURBED WITHIN CONSTRUCTION LIMIT LINES SHALL BE ADJUSTED TO NEW CONSTRUCTION. AFFECTED IRRIGATION ZONES SHALL BE SHUT OFF WITHIN AREAS OF DISTURBANCE. ALL CONSTRUCTION IN THESE AREAS SHALL BE COMPLETED IN A TIMELY FASHION TO PREVENT EXISTING VEGETATION FROM STRESS, WILT, OR DYING.
   D. STOCKPILE, STAGING AND CONSTRUCTION AREAS SHALL BE FENCED WITH 6' HT. FENCING PER THE REQUIREMENTS FOR FENCING AT THE LIMIT OF WORK LINE SEE SPECIFICATIONS.

4. SITE CLEARING

   A. CLEAR THE PROJECT SITE OF EXISTING MISCELLANEOUS DEBRIS WITHIN THE LIMITS OF WORK. DISPOSE OF MATERIALS FROM THE CLEARING OPERATION OFF-SITE TO A LEGAL DISPOSAL AREA.
   B. REMOVE EXISTING WORK AND ITEMS WHICH ARE REQUIRED TO BE REMOVE IN SUCH MANNER THAT MINIMUM DAMAGE AND DISTURBANCE IS CAUSED TO ADJACENT AND CONNECTING WORK. CONTRACTOR SHALL REPAIR AT HIS/HER OWN EXPENSE ANY DAMAGES MADE TO EXISTING IMPROVEMENTS DURING MOBILIZATION, CONSTRUCTION OR THE ESTABLISHMENT PERIOD.

5. DISPOSITION OF MATERIALS

   A. REMOVE MATERIAL EXCEPT THOSE ITEMS INDICATED TO BE RE-USED TO A LEGAL DISPOSAL AREA.
   B. STOCKPILING OF REMOVED MATERIALS ON THE PROJECT SITE WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE RESIDENT ENGINEER OR OWNER'S REPRESENTATIVE.

6. NOISE ABATEMENT AND DUST PALLIATION

   A. NOISE ABATEMENT: LIMIT NOISE TO A REASONABLE LEVEL AS RELATED TO SPECIFIC ITEMS OF EQUIPMENT USED AND THEIR HOURS OF USE. THIS DOES NOT PRECLUDE USE OF MECHANICAL EQUIPMENT, SUCH AS JACK HAMMERS, POWER DRIVEN FASTENERS, OTHER APPROVED EQUIPMENT.
   B. DUST PALLIATION: DURING SITE CLEARING, KEEP DUST, DIRT, AND POLLEN FROM BLOWING OR SPREADING BY WATERING DOWN AT REGULAR INTERVALS.

7. PROTECTION OF PERSONS AND PROPERTY

   A. BARRICADE OPEN DEPRESSIONS AND HOLES OCCURRING AS PART OF THIS WORK, AND POST WARNING LIGHTS ON PROPERTY ADJACENT TO OR WITH PUBLIC ACCESS.
   B. OPERATE WARNING LIGHTS DURING HOURS FROM DUSK TO DAWN EACH DAY AND AS OTHERWISE REQUIRED.
   C. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY OPERATIONS UNDER THIS SECTION.
   D. CONTRACTOR TO PROVIDE A SIX FOOT TEMPORARY CHAIN LINK CONSTRUCTION FENCE, GATE, AND CONSTRUCTION SIGNS AROUND LIMIT OF WORK LINE DURING CONSTRUCTION. LOCATION OF FENCING SHALL BE APPROVED BY THE RESIDENT ENGINEER. STABILIZE TEMPORARY FENCE WITH SAND BAGS OR OTHER SUPPLIER APPROVED METHOD. EXISTING RESIDENTIAL FENCING MAY BE USED IN PLACE TO SECURE THE PERIMETER OF WORK SITE.

8. UTILITIES

   A. COORDINATE WITH UTILITY COMPANIES AND AGENCIES AS REQUIRED. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
   B. WHERE UTILITY CUTTING, CAPPING, OR PLUGGING IS REQUIRED, PERFORM SUCH WORK IN ACCORDANCE WITH REQUIREMENTS OF THE UTILITY, COMPANY OR GOVERNMENTAL AGENCY HAVING JURISDICTION.
   C. BEFORE EXCAVATION, VERIFY THE LOCATION OF UNDERGROUND UTILITIES AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR SHALL REQUEST MARKOUT OF UNDERGROUND UTILITIES BY CALLING THE BELOW LISTED REGIONAL NOTIFICATION CENTER FOR AN INQUIRY IDENTIFICATION NUMBER:
      UNDERGROUND SERVICE ALERT.....(800) 227-2600
      CABLE TELEVISION: COMCAST CABLE.....(916) 830-6757
      GAS: PG&E.....(530) 889-3134
      TELEPHONE: ROSEVILLE TELEPHONE.....(916) 786-4591
      ELECTRIC: ROSEVILLE ELECTRIC.....(916) 774-5691
      WATER: CITY OF ROSEVILLE.....(916) 774-5750
      SEWER: CITY OF ROSEVILLE.....(916) 774-5750
      DRAINAGE: DEVELOPMENT SERVICES.....(916) 774-5339
   D. SEE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP), PROVIDED BY CITY, FOR ADDITIONAL REQUIREMENTS.

GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND THE LATEST EDITION AND AMENDMENTS OF THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS.
2. THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL SYSTEM. THE CONTRACTORS SHALL NOTIFY THE U.S.A. CENTER 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING 1-800-227-2600.
3. THE CONTRACTOR SHALL MARK IN WHITE PAINT ALL AREAS TO BE EXCAVATED PRIOR TO CONTACTING U.S.A. ANY AREAS NOT MARKED WILL NOT BE SUBJECT TO U.S.A., AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM EXCAVATION.
4. THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OF THE NEW IMPROVEMENTS CONNECTING TO OR IN THE VICINITY OF THE SAME.
5. ANY EXISTING CONCRETE SURFACE TO BE REMOVED SHALL BE SAW CUT TO A NEAT, STRAIGHT LINE.
6. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN THAT SHALL BE ACCEPTED BY THE ENGINEERING DIVISION OF PUBLIC WORKS BEFORE START OF WORK IN RIGHT-OF-WAY AND SHALL BE IN ACCORDANCE WITH CALIFORNIA MUTCD LATEST EDITION. AT LEAST ONE LANE IN EACH DIRECTION SHALL REMAIN OPEN TO TRAFFIC UNLESS OTHERWISE SHOWN ON THE PLANS. TRAFFIC CONTROL HOURS ARE SUBJECT TO LIMITATION BY THE CITY. TRAFFIC CONTROL WITH LANE CLOSURES THAT AFFECT TRAFFIC FLOW MAY REQUIRE NIGHT WORK. IF, AS A PART OF TRAFFIC CONTROL MEASURES, A ROADWAY CLOSURE HAS BEEN APPROVED, THE CONTRACTOR SHALL NOTIFY DEVELOPMENT SERVICES CONSTRUCTION INSPECTOR 72 HOURS IN ADVANCE OF SETTING UP THIS CLOSURE.
7. CURB RAMPS CONFORMING TO ALL ADA AND TITLE 24 REQUIREMENTS SHALL BE PLACED AT ALL NEW STANDARD CURB RETURNS (STANDARD DRAWING ST-27). WHERE EXISITING RAMPS DO NOT MEET CURRENT ADA AND TITLE 24 REQUIREMENTS, THE RAMPS SHALL BE UPGRADED IN CONFORMANCE WITH MINIMUM TITLE 24 REQUIREMENTS. WHERE EXISTING RAMPS DO NOT INCLUDE DETECTABLE WARNING PANELS (TRUNCATED DOMES), PANELS SHALL BE RETROFITTED PER THE CONSTRUCTION STANDARDS.
8. DRAIN INLETS NOT WITHIN A PAVED AREA SHALL HAVE A 12" WIDE COLLAR OF 6" THICK P.C.C. OR 2" THICK A.C.
9. ALL UNDERGROUND UTILITIES WITHIN EXISTING OR PROPOSED CITY OF ROSEVILLE EASEMENTS SHALL REQUIRE A MINIMUM OF 90% COMPACTION ON THE TRENCH BACKFILL. COMPACTION OF BACKFILL BY JETTING IS NOT PERMITTED IN CITY OF ROSEVILLE RIGHT OF WAY AND EASEMENT AREAS OR WITHIN DEDICATED RECLAIMED WATER, STORM, SEWER OR WATER EASEMENTS AND MAINS.
10. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION MEETING ONE-WEEK PRIOR TO STARTING WORK. MEMBERS OF THE CITY OF ROSEVILLE DEVELOPMENT SERVICES DEPARTMENT, ENVIRONMENTAL UTILITIES DEPARTMENT AND ALL OTHER UTILITY REPRESENTATIVES SHALL BE NOTIFIED BY THE CONTRACTOR AS TO THE DATE AND LOCATION OF THE MEETING.
11. PRIOR TO EXCAVATION OF TRENCHES 5 FEET OR DEEPER, THE CONTRACTOR SHALL SUBMIT TO THE DEVELOPMENT SERVICES DEPARTMENT OR ENVIRONMENTAL UTILITIES DEPARTMENT INSPECTOR A COPY OF THE COMPANY'S ANNUAL CALOSHA TRENCHING PERMIT AND A COPY OF THE COMPANY'S LETTER INFORMING CALOSHA OF THE TIME THE TRENCHING IS COMMENCING AND THE LOCATION OF THE WORK.
12. ALL PAINTED TRAFFIC STRIPES, ARROWS, AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED WITH THERMOPLASTIC MATERIAL TO THE SPECIFICATIONS SET FORTH IN CHAPTER 3 OF THE CALIFORNIA MUTCD LATEST EDITION. NON-REFLECTIVE PAVEMENT MARKERS SHALL CONSIST OF CERAMIC MARKERS ONLY CONFORMING TO CHAPTER 3 OF THE CALIFORNIA MUTCD LATEST EDITION.
13. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT EXISTING SITE AND ADJACENT IMPROVEMENTS FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR MAKE REPLACEMENT OF ALL CRACKED AND OTHERWISE PRE-EXISTING DAMAGED PUBLIC IMPROVEMENTS ALONG THE FRONTAGE OF THE PROJECT SITE AND ANY DAMAGE RESULTING FROM CONSTRUCTION TO CURRENT CITY STANDARDS AND AT THEIR OWN EXPENSE. THE EXTENT OF THE REPAIRS SHALL BE DETERMINED BY THE DEVELOPMENT SERVICES CONSTRUCTION INSPECTOR AND SHALL BE COMPLETED PRIOR TO THE CITY ACCEPTANCE OF THE IMPROVEMENTS.
14. WHERE COMBINATIONS OF SIDEWALK OR CURB AND GUTTER ARE PLACED CONTIGUOUS TO EXISTING, ALL ADJOINING EXISTING CONCRETE VERTICAL FACES SHALL BE DOWELED. ALL ABUTTING SIDEWALK ENDS SHALL BE DOWELED MID-SECTION VERTICALLY WITH TWO DOWELS FOR FOUR THROUGH SIX-FOOT WIDE SIDEWALK AND THREE DOWELS FOR WIDER SIDEWALKS. ABUTTING CURB AND GUTTER ENDS SHALL BE DOWELED TWICE, 18 INCHES APART AT GUTTER PAN MID-SECTION. DOWEL CONNECTIONS OF LONGITUDINAL RUNS OF SIDEWALK TO BACK OF CURB SHALL BE THREE FEET ON CENTER. ALL DOWELS SHALL BE 16 INCHES LONG, GRADE 60; #4 REBAR PENETRATING FOUR INCHES. THE DOWEL HOLE SHALL BE 5/8-INCH DIAMETER AT A SLIGHT HORIZONTAL ANGLE FROM PERPENDICULAR. THE PENETRATING PORTION OF THE DOWEL AND THE ENTIRE (CLEANED) VERTICAL SURFACE OF THE ADJOINING, EXISTING CONCRETE SHALL BE THOROUGHLY COATED WITH STATE STANDARD TWO-PART EPOXY.
15. WHEN SAWCUTTING WITHIN THE STREET FOR TRENCHING OR OTHER PURPOSES, CONTRACTOR SHALL GRIND 1½" OF PAVEMENT BETWEEN THE LANE LINES (FROM LANE STRIPE TO LANE STRIPE) UPON COMPLETION OF THE SAWCUTTING AND OR TRENCHING WORK. WHERE THE SAWCUTTING OCCURS BETWEEN THE CURB AND GUTTER AND NEAREST LANE STRIPE (INCLUDING BIKE LANES), THE SAME 1 ½" GRIND SHALL BE REQUIRED. CONTRACTOR TO PLACE A PETROMAT FABRIC OR APPROVED EQUAL BY THE CITY OF ROSEVILLE AND OVERLAY FROM LANE STRIPE TO LANE STRIPE, OR CURB TO LANE STRIPE AND RESTRIPE OR REPLACE ANY DELINEATORS REMOVED DURING THE GRIND.

FOR CONSTRUCTION
NOT FOR BIDDING
NOT FOR PERMITTING
NOT FOR RECORDING

AIR QUALITY NOTES:

THE FOLLOWING NOTES ARE PROVIDED AS REFERENCE TO APPLICABLE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT ADOPTED RULES AND REGULATIONS. COMPLIANCE WITH ALL APPLICABLE APCD RULES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. AIR QUALITY RULES ARE ENFORCED SOLELY BY THE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT.

1. CONSTRUCTION EQUIPMENT EXHAUST EMISSIONS SHALL NOT EXCEED PLACER COUNTY APCD RULE 202 VISIBLE EMISSION LIMITATIONS. OPERATORS OF VEHICLES AND EQUIPMENT FOUND TO EXCEED OPACITY LIMITS ARE TO BE IMMEDIATELY NOTIFIED BY APCD TO CEASE OPERATIONS AND THE EQUIPMENT MUST BE REPAIRED WITHIN 72 HOURS. *(BASED ON APCD RULE 202)*
2. THE CONTRACTOR SHALL SUSPEND ALL GRADING OPERATIONS WHEN FUGITIVE DUST EXCEEDS PLACER COUNTY APCD RULE 228 (FUGITIVE DUST) LIMITATIONS. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN INDIVIDUAL WHO IS CARB-CERTIFIED TO PERFORM VISIBLE EMISSIONS EVALUATIONS (VEE). THIS INDIVIDUAL SHALL EVALUATE COMPLIANCE WITH RULE 228 ON A WEEKLY BASIS. IT IS TO BE NOTED THAT FUGITIVE DUST IS NOT TO EXCEED 40% OPACITY AND NOT GO BEYOND THE PROPERTY BOUNDARY AT ANY TIME. LIME OR OTHER DRYING AGENTS UTILIZED TO DRY OUT WET GRADING AREAS SHALL NOT EXCEED PLACER COUNTY APCD RULE 228 FUGITIVE DUST LIMITATIONS. OPERATORS OF VEHICLES AND EQUIPMENT FOUND TO EXCEED OPACITY LIMITS WILL BE NOTIFIED BY APCD AND THE EQUIPMENT MUST BE REPAIRED WITHIN 72 HOURS. ALL PROJECTS IN EXCESS OF 5 ACRES SHALL HAVE AN APPROVED DUST CONTROL PLAN FROM THE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT. *(BASED ON APCD RULE 228)*
3. DURING CONSTRUCTION, TRAFFIC SPEEDS ON ALL UNPAVED SURFACES SHALL BE LIMITED TO 15 MILES PER HOUR OR LESS. *(BASED ON APCD RULE 228 / SECTION 401.2)*
4. DURING CONSTRUCTION, NO OPEN BURNING OF REMOVED VEGETATION SHALL BE ALLOWED UNLESS PERMITTED BY THE PCAPCD. ALL REMOVED VEGETATIVE MATERIAL SHALL BE EITHER CHIPPED ON SITE OR TAKEN TO AN APPROPRIATE RECYCLING SITE, OR IF A SITE IS NOT AVAILABLE, A LICENSED DISPOSAL SITE. *(BASED ON APCD RULE 310)*
5. A PERSON SHALL NOT DISCHARGE INTO THE ATMOSPHERE VOLATILE ORGANIC COMPOUNDS (YOC'S) CAUSED BY THE USE OR MANUFACTURE OF CUTBACK OR EMULSIFIED ASPHALTS FOR PAVING, ROAD CONSTRUCTION OR ROAD MAINTENANCE, UNLESS SUCH MANUFACTURE OR USE COMPLIES WITH THE PROVISIONS RULE 217. *(BASED ON APCD RULE 217).*
6. PROCESSES THAT DISCHARGE 2 POUNDS PER DAY OR MORE OF AIR CONTAMINANTS, AS DEFINED BY HEALTH AND SAFETY CODE SECTION 39013, TO THE ATMOSPHERE MAY REQUIRE A PERMIT. PERMITS MAY BE REQUIRED FOR BOTH CONSTRUCTION AND OPERATION. DEVELOPERS/CONTRACTORS SHOULD CONTACT THE DISTRICT PRIOR TO CONSTRUCTION AND OBTAIN ANY NECESSARY PERMITS PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. *(BASED ON THE CALIFORNIA HEALTH & SAFETY CODE SECTION 39013:* HTTP://WWW.LEGINFO.CA.GOV/CGI-BINIDISPLAYCODE?SECTION~HSC&GROUP=39001-40000&FILE=39010-39060

GENERAL FIRE DEPARTMENT NOTES:

1. PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT TO THE SITE, ANY REQUIRED ON-SITE FIRE HYDRANTS SHALL BE COMPLETED AND ACCEPTED BY THE ROSEVILLE FIRE DEPARTMENT.
2. CONSTRUCTION MATERIAL AND VEHICLES SHALL NOT OBSTRUCT FIRE APPARATUS ACCESS TO FIRE APPARATUS ROADS, FIRE HYDRANTS OR THE BUILDING.
3. BARRICADES SHALL BE PROVIDED TO PROTECT ANY NATURAL GAS METER, FIRE HYDRANT, FIRE DEPARTMENT CONTROL DEVICE, OR OTHER POSSIBLE PERTINENT EQUIPMENT OR DEVICES THAT MAY BE SUBJECT TO VEHICULAR DAMAGE.
4. PROVIDE AND MAINTAIN A MINIMUM 3-FOOT CLEAR SPACE AROUND FIRE PROTECTION EQUIPMENT.
5. THE BURNING OF COMBUSTIBLE CONSTRUCTION MATERIALS AND TRASH IS PROHIBITED.
6. DRYWALL AND OTHER TEMPORARY HEATING DEVICES SHALL BE OF AN APPROVED TYPE, LOCATED AWAY FROM COMBUSTIBLE MATERIALS AND ATTENDED AND MAINTAINED AT ALL TIMES. HEATING DEVICES SHALL NOT BE OPERATED AFTER NORMAL WORKING HOURS WITHOUT BEING ATTENDED TO ON AN HOURLY BASIS.
7. CUTTING AND WELDING OPERATIONS SHALL CONFORM TO THE HOT WORK PROVISIONS OF CHAPTER 35 OF THE FIRE CODE. A FIRE WATCH SHALL BE PROVIDED DURING HOT-WORK ACTIVITIES AND SHALL CONTINUE FOR A MINIMUM OF 30 MINUTES AFTER THE CONCLUSION OF THE WORK.
8. IF SITE SURVEY OR EARTH MOVING WORK RESULTS IN THE DISCOVERY OF HAZARDOUS MATERIALS IN CONTAINERS, OR WHAT APPEARS TO BE HAZARDOUS WASTES RELEASED INTO THE GROUND, THE CONTRACTOR OR APPLICANT SHALL IMMEDIATELY REPORT THE FINDING TO THE ROSEVILLE FIRE DEPARTMENT VIA PHONE AT (916) 774-5800. ALL SUSPECTED AREAS SHALL BE MARKED OFF WITH APPROVED SIGNAGE OR CAUTION TAPE UNTIL SUCH TIME THAT A REPRESENTATIVE FROM THE FIRE DEPARTMENT DETERMINES WHETHER THE RELEASE IS REPORTABLE OR NOT AND IF SITE REMEDIATION IS REQUIRED.
9. FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CHAPTER 33 OF THE CALIFORNIA FIRE CODE.
10. THE REQUIRED MINIMUM FIRE FLOW FOR THE PROTECTION OF THE PROPOSED PROJECT IS 1500 GALLONS PER MINUTE WITH 20 POUNDS PER SQUARE INCH RESIDUAL WATER PRESSURE REMAINING IN THE SYSTEM. A CHANGE IN ANY OF THE CONDITIONS MAY INCREASE THE REQUIRED FIRE FLOW.
11. TEMPORARY USE OF ON-SITE GENERATORS WITH OVER 60 GALLONS OF DIESEL FUEL SHALL REQUIRE A FIRE DEPARTMENT PERMIT AND MUST MEET THE REQUIREMENTS OF THE CHAPTER 6.95 OF THE HEALTH AND SAFETY CODE, THE ROSEVILLE FIRE DEPARTMENT AND THE NATIONAL FIRE CODES. CONTACT THE FIRE DEPARTMENT AT 916-774-5800 TO INITIATE THE PERMIT APPLICATION.
12. FIRE DEPARTMENT CONNECTION(S) SHALL BE WITHIN 2-FEET OF BACK OF CURB OR BACK OF WALKWAY, AND SHALL REMAIN UNOBSTRUCTED AT ALL TIMES.
13. ALL FIRE DEPARTMENT CONNECTIONS SHALL BE LABELED WITH THE APPROPRIATE ADDRESS.
14. MECHANICAL JOINTS SHALL BE INSTALLED AT AREAS NOTED PER THE EBBA THRUST RESTRAINT DESIGN PROGRAM SPECIFICATIONS.

99% CONSTRUCTION DOCUMENTS 03/26/2021

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE: HORIZ: – VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021
DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 5178 — License 06-30-19 — RENEWAL DATE 06-22-18 — DATE — STATE OF CALIFORNIA

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CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
DEMOLITION & GENERAL NOTES

City of Roseville Approval

LD-1.0
SHEET 3 OF 29
DWG. NO. –

GRADING:

1. GRADING SHALL CONFORM TO APPENDIX CHAPTER 33 UBC, LATEST EDITION, AND TO THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING REPORT BY WALLACE KUHL AND ASSOCIATES, DATED DECEMBER 2017, WKA NO. 11732.02. (ENGINEERING DIV. FILE NO. -308-656)
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT OR AS DETERMINED BY THE CITY INSPECTOR. THE SWPPP IS CONSIDERED A DYNAMIC DOCUMENT AND WILL CHANGE AS CONDITIONS WARRANT. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AS SHOWN ON THE SWPPP PLAN.
3. LOTS SHALL BE GRADED WITH A CONSTANT SLOPE ALONG THE FRONTAGE OF THE RIGHT-OF-WAY, FROM BUILDING SETBACK LINE TO BACK OF SIDEWALK. ALL TEMPORARY AND PERMANENT SLOPES STEEPER THAN 4:1 ALONG THIS FRONTAGE SHALL HAVE EROSION NETTING INSTALLED.
4. ALL REAR LOT CORNER ELEVATIONS SHALL BE EQUAL TO OR GREATER THAN THE HIGHEST ADJACENT PAD GRADE UNLESS SPECIFICALLY SHOWN ON THESE PLANS AND APPROVED BY ENGINEERING DIVISION.
5. NON-POTABLE WATER SHALL BE SPRAYED ON ALL EXPOSED EARTH SURFACES DURING CLEARING GRADING, EARTH MOVING, AND OTHER SITE PREPARATION ACTIVITIES. THE EXPOSED EARTH SHALL BE WATERED THROUGHOUT THE DAY TO MINIMIZE DUST.
6. TARPAULINS OR OTHER EFFECTIVE COVERS SHALL BE USED ON ALL STOCKPILED EARTH MATERIAL AND ON HAUL TRUCKS TO MINIMIZE DUST.
7. THE CITY SHALL HAVE THE AUTHORITY TO STOP ALL GRADING OPERATIONS, IF, IN OPINION OF CITY STAFF, INADEQUATE DUST CONTROL MEASURES ARE BEING PRACTICED OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO FUGITIVE DUST EMISSIONS.
8. ADJACENT STREET FRONTAGES SHALL BE SWEPT AT LEAST ONCE A DAY TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES. REFER TO SCHEDULES WITHIN SWPPP.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING CONSTRUCTION VEHICLES LEAVING THE SITE ON A DAILY BASIS TO PREVENT DUST, SILT AND DIRT FROM BEING RELEASED OR TRACKED OFFSITE. REFER TO SWPPP FOR SPECIFIC REQUIRMENTS.
10. CONSTRUCTION SHALL STOP IF CULTURAL RESOURCES ARE SUSPECTED. IT IS POSSIBLE THAT PREVIOUS ACTIVITIES HAVE OBSCURED SURFACE EVIDENCE OF CULTURAL RESOURCES. IF SIGNS OF AN ARCHEOLOGICAL SITE, SUCH AS ANY UNUSUAL AMOUNTS OF STONE, BONE, OR SHELL, ARE UNCOVERED DURING GRADING OR OTHER CONSTRUCTION ACTIVITIES, WORK SHALL BE HALTED WITHIN 100 FEET OF THE FIND AND THE ROSEVILLE COMMUNITY DEVELOPMENT DEPARTMENT SHALL BE NOTIFIED. A QUALIFIED ARCHEOLOGIST SHALL BE CONSULTED FOR AN ON-SITE EVALUATION. THE ARCHEOLOGIST MAY REQUIRE ADDITIONAL MITIGATION.
11. SHOULD GRADING OPERATIONS UNCOVER HAZARDOUS MATERIALS, OR WHAT APPEARS TO BE HAZARDOUS MATERIALS, THE FIRE DEPARTMENT SHALL BE CONTACTED IMMEDIATELY AT (916) 774-5820. THE AREA, WHICH CONTAINS THE HAZARDOUS MATERIALS, SHALL BE MARKED OFF UNTIL AN INVESTIGATION BY A MEMBER OF THE FIRE DEPARTMENT IS CONDUCTED.
12. GRADES SHOWN OUTSIDE OF THE PUBLIC RIGHT OF WAY WITHIN THE APPROVED GRADING PLAN ARE SUBJECT TO FURTHER REVIEW AND MODIFICATION BY THE BUILDING DIVISION FOR COMPLIANCE WITH THE UNIFORM BUILDING CODE AND STATE OF CALIFORNIA TITLE 24 HANDICAP ACCESSIBILITY REQUIREMENTS.
13. THE CONTRACTOR/DEVELOPER IS EXPECTED TO COMPLY WITH THE FUGITIVE DUST CONTROL REQUIREMENTS FROM THE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT: WWW.PLACER.CA.GOV/APCD
14. CONTAMINATED SOIL - DEVELOPER AGREES TO PROPERLY ADHERE TO ALL THEN CURRENT STATE AND FEDERAL REQUIREMENTS WHEN ANY EVIDENCE OF TOXIC, HAZARDOUS OR CONTAMINATED SOILS ARE ENCOUNTERED DURING ANY AND ALL EXCAVATION OR GRADING OPERATIONS, AND TO INDEMNIFY, DEFEND AND HOLD HARMLESS THE CITY OR ROSEVILLE, ITS OFFICERS, AGENTS AND EMPLOYEES, FROM ANY AND ALL LIABILITY, COSTS, CLAIMS, FEES, FINES, PENALTIES AND CLAIMS OF OR DAMAGE OF ANY TYPE WHATSOEVER. EXTRA COSTS FOR REMEDIATION AND/OR REMOVAL OF SOIL SHALL BE BOURN SOLELY BY THE DEVELOPER. THE PARTIES INTEND THAT THIS PROVISION BE BROADLY CONSTRUED.

EROSION / SEDIMENT CONTROL:

1. THE STATE'S GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQD 99-080-DWQ) REQUIRES THE PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR SITES WITH SOIL DISTURBANCES GREATER THAN OR EQUAL TO ONE ACRE, OR FROM SITES SMALLER THAN ONE ACRE IF THE CONSTRUCTION ACTIVITY IS PART OF A LARGER PLAN OF DEVELOPMENT OR SALE THAT DISTURBS ONE ACRE OR MORE. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE, NOR A PRE-CONSTRUCTION MEETING PERMITTED TO BE SCHEDULED, PRIOR TO THE SWPPP BEING ACCEPTED BY THE CITY. FOR MORE INFORMATION SEE; http://www.roseville.ca.us/eu/stormwater_management
2. THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS INCORPORATED BY REFERENCE INTO THIS SET OF PLANS. THE SWPPP IS CONSIDERED A DYNAMIC DOCUMENT AND WILL CHANGE AS CONDITIONS WARRANT. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AS SHOWN ON THESE PLANS.
3. A COPY OF THE SWPPP SHALL BE KEPT AT THE PROJECT SITE AT ALL TIMES.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND/OR AS DIRECTED BY CITY INSPECTOR.
5. NO GRADING OR TRENCHING, EXCEPT AS REQUIRED FOR EROSION OR SEDIMENT CONTROL, SHALL OCCUR WITHIN 35 FEET FROM THE CENTERLINE OF PERENNIAL AND INTERMITTENT DRAINAGE SWALES BETWEEN OCTOBER 15 AND APRIL 15 EXCEPT AS APPROVED BY THE DEPARTMENT OF FISH AND GAME.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE SWPPP.
7. THE CONTRACTOR SHALL ESTABLISH A SPECIFIC SITE WITHIN THE DEVELOPMENT FOR MAINTENANCE AND STORAGE OF EQUIPMENT OR ANY OTHER ACTIVITY THAT MAY ADVERSELY CONTRIBUTE TO THE WATER QUALITY OF THE RUNOFF IN ACCORDANCE WITH THE SWPPP.

ABBREVIATIONS

PROPOSED FEATURES

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSESSOR'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRIC
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EX	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF / FFE	FINISHED FLOOR ELEVATION
FSE	FINISHED SLAB ELEVATION (NON-BUILDING)
FH	FIRE HYDRANT
G	GAS
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINEAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PIP	TOP OF POUR IN PLACE SURFACING
PIV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RIM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDCB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TS	TOP OF STEP/TREAD RISER
TSW	TOP OF SEAT WALK
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

PROPOSED FEATURES

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

- 8" SD — STORM DRAIN LINE (SIZE AND FLOW SHOWN)
- STORM DRAIN MANHOLE (SDMH)
- CATCH BASIN (CB)
- DROP INLET (DI)
- AREA DRAIN (AD)
- PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
- CO — STORM DRAIN CLEANOUT
- 99.99 — ELEVATION
- FF=100.00 — FINISHED FLOOR ELEVATION
- PAD=99.33 — BUILDING PAD ELEVATION
- CONCRETE SIDEWALK
- GRADED DIRECTION FOR DRAINAGE FLOW
- SWALE
- SLOPE

PROPOSED SANITARY SEWER SYMBOLS:

- 6" SS — SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
- SANITARY SEWER MANHOLE (SSMH)
- CO — SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

- 8" W — WATER LINE & SIZE
- 8" FS — FIRE LINE & SIZE
- GATE VALVE
- M — WATER METER
- FH — FIRE HYDRANT ASSEMBLY
- Y FDC — FIRE DEPARTMENT CONNECTION
- DC — DETECTOR CHECK VALVE
- DDC — DOUBLE DETECTOR CHECK VALVE
- RP — REDUCED PRESSURE BACKFLOW PREVENTER
- BUTTERFLY VALVE
- 1" — AIR RELEASE VALVE + SIZE
- 1" — BLOW-OFF VALVE + SIZE
- PIV — POST INDICATOR VALVE

WCE GENERAL NOTES

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.

811 Know what's below. Call before you dig.

2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK.. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER MAINS.
13. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
15. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
16. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
17. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
18. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.

GENERAL PAVING SURFACE NOTES:

1. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
2. ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0%, AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
   - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
   - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
   - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSIANO — NO. C74696 — CIVIL — STATE OF CALIFORNIA
3/17/2021

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE — HORIZ: AS NOTED — VERT: N/A
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO: 20-402
PLOT DATE: 1/11/2021
DESIGNED: AT/SMN
DRAWN BY: SMN
CHECKED: AT

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
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CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
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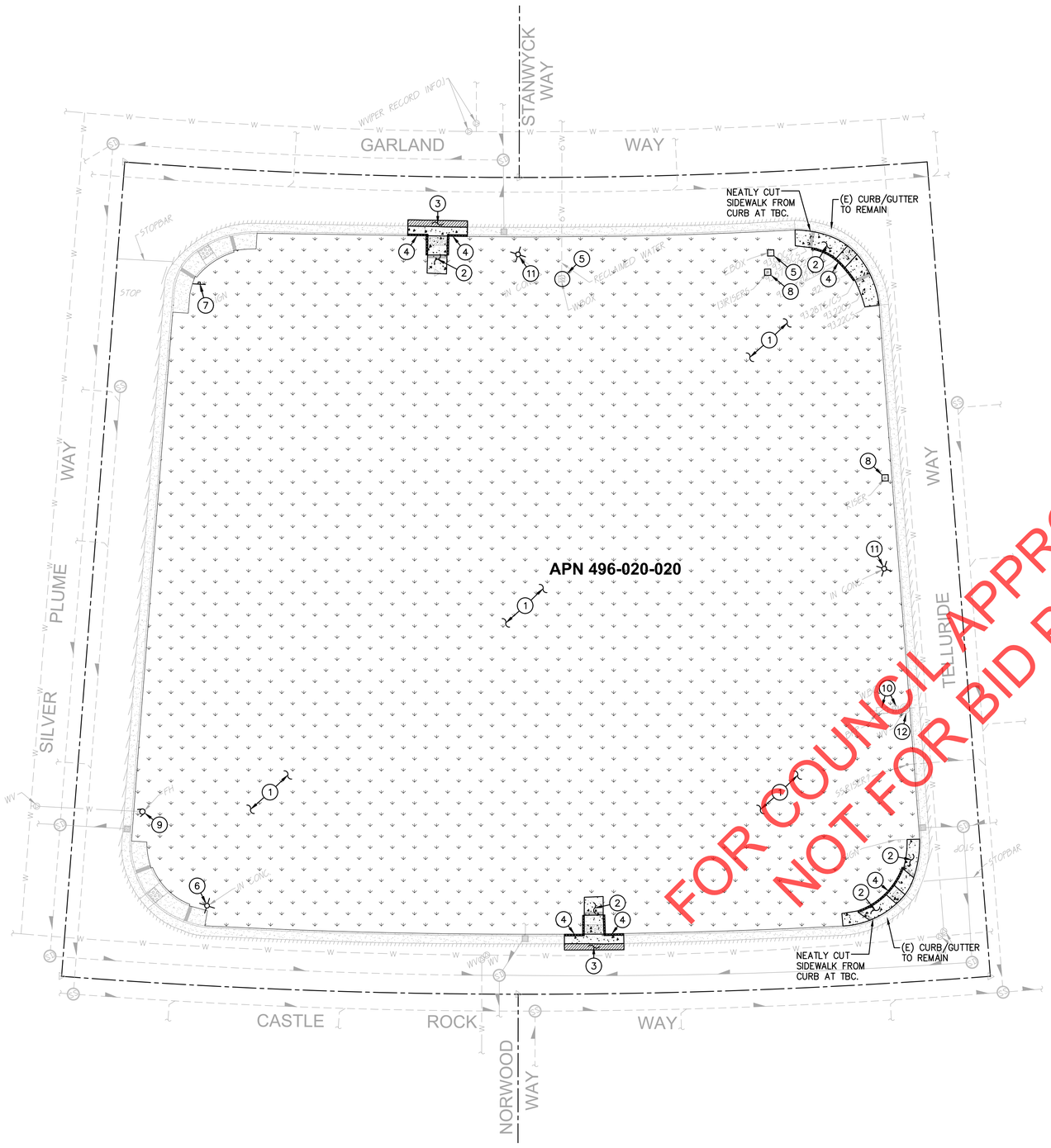
IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
CIVIL NOTES AND LEGEND

City of Roseville Approval

C1.0
SHEET 4 OF 29
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99% CONSTRUCTION DOCUMENTS 03/26/2021

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DEMOLITION NOTES

AND/OR

LEGEND | # | DEMOLITION NOTES

1. REMOVE ALL PLANTS, SHRUBS, EXISTING VEGETATION. REFER TO EARTHWORK SPECIFICATIONS FOR ADDITIONAL SITE CLEARING REQUIREMENTS.
2. REMOVE EXISTING CONCRETE PAVING AND BASE AGGREGATES (IF EXIST). WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.
3. SAWCUT AND REMOVE EXISTING ASPHALT PAVING AND BASE AGGREGATE TO PROVIDE FOR NEW CONSTRUCTION. SAWCUTS SHALL BE NEAT AND STRAIGHT. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED, OR NEW CUTS WILL BE REQUIRED.
4. REMOVE EXISTING CONCRETE CURB/CURB GUTTER.
5. EXISTING UTILITY VAULT/BOX TO REMAIN. PROTECT UTILITIES AND BOX FROM DAMAGE. ADJUST TO FINISHED GRADE. SEE GRADING PLAN AND UTILITY PLANS FOR ADDITIONAL INFO.
6. EXISTING DECORATIVE LIGHT TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
7. EXISTING SIGN POST TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
8. EXISTING ELECTRICAL RISERS. PROTECT FROM DAMAGE, SEE GRADING AND UTILITY PLANS.
9. EXISTING FIRE HYDRANT TO REMAIN. PROTECT FROM DAMAGE DURING CONSTRUCTION.
10. REMOVE AND SALVAGE EXISTING WATER METER AND BOX AS WELL AS ASSOCIATED BACKFLOW PREVENTOR FOR REUSE, SEE SHEET C4.1 FOR LOCATION AND INSTALLATION.
11. REMOVE AND SALVAGE EXISTING STREET LIGHT FOR RE-INSTALLATION. DISCONNECT CONDUIT AND CUT EXISTING CONCRETE BASE DOWN TO 12" BELOW GRADE OR REMOVE AND BACKFILL WITH CLASS II AB. SEE SHEET C4.1 FOR LOCATION AND INSTALLATION. COORDINATE DE-ACTIVATION OF LIGHTING SYSTEMS WITH CITY TO ALLOW NEW WORK.
12. REMOVE EXISTING WATER VALVE CONCRETE COLLAR AND VALVE BOX. SALVAGE VALVE BOX FOR RE-INSTALLATION, SEE SHEET C4.1

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CAL-GREEN - Waste Diversion:

5.408.1 Construction waste management. Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance that is more stringent, submit a construction waste management plan that:

1. Contractor shall Identify the construction and demolition waste materials to be diverted from disposal, to comply with 65% criteria listed above, by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Contractor shall determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). Either method is the responsibility of the contractor.
3. Contractor shall Identify diversion facilities where construction and demolition waste material collected will be taken. Transport to such facilities is contractors responsibility.
4. Contractor shall record and provide record of the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste management company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company. Contractor shall make any and all arrangements with waste management company for pickup of materials.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65 percent minimum requirement as approved by the enforcing agency.

CAL-GREEN - Waste Diversion Documentation Required:

(Ref Calgreen 5.408.1.4)
Contractor shall prepare and provide documentation to the enforcing agency which demonstrates compliance with Calgreen Sections 5.408.1.1 through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at http://www.bsc.ca.gov/Home/CALGreen. aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris (C&D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

CAL-GREEN - Excavated Soil & Land Clearing:

5.408.3 Excavated soil and land clearing debris. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on-or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. (www.cdfa.ca.gov/exec/county/county_contacts.html)
2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

Utility Verification Note:

PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

ANTHONY J. TASSANO NO. C74696 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA
3/17/2021

WARREN CONSULTING ENGINEERS, INC.
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SCALE: 1"=20'-0"
0 10 20 40
NORTH

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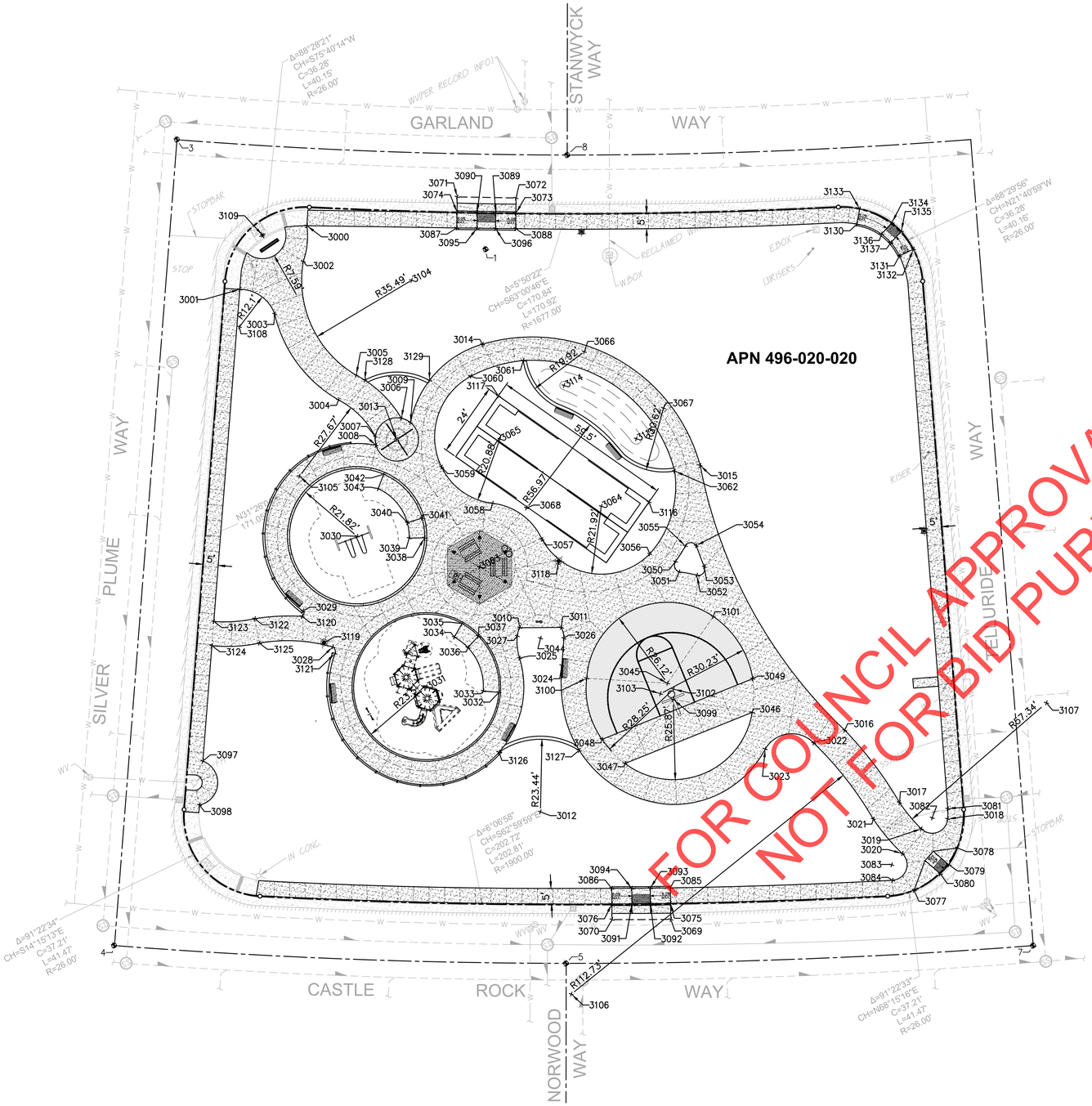
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
SITE DEMOLITION PLAN

City of Roseville Approval

C1.1
SHEET 5 OF 29
DWG. NO.

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FOR COUNCIL APPROVAL ONLY
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Construction Point Table

Point #	Northing	Easting	Description
3000	2047595.55	6735302.05	APRON@BC
3001	2047587.08	6735273.42	APRON@BC
3002	2047585.79	6735295.79	TW@BC
3003	2047574.86	6735279.83	TW@BC
3004	2047540.78	6735285.59	TW@BC
3005	2047545.31	6735294.33	TW@BC
3006	2047526.30	6735301.02	TW@AP
3007	2047524.83	6735290.85	TW@AP
3008	2047522.25	6735289.75	TW@AP
3009	2047523.74	6735302.99	TW@AP
3010	2047448.69	6735304.36	TW@AP
3011	2047442.69	6735316.34	TW@AP
3012	2047392.65	6735283.32	RP
3013	2047520.86	6735296.61	RP
3014	2047535.69	6735335.23	TW@BC
3015	2047468.91	6735380.08	TW@BC
3016	2047371.53	6735382.86	TW@BC
3017	2047342.68	6735388.02	TW@BC
3018	2047330.92	6735399.47	TW@BC
3019	2047331.95	6735390.43	TW@BC
3020	2047327.59	6735381.35	TW@BC
3021	2047341.79	6735378.06	TW@BC
3022	2047372.41	6735372.07	TW@BC
3023	2047377.79	6735357.24	TW@BC
3024	2047431.69	6735310.96	TW@BC
3025	2047439.97	6735299.86	TW@BC
3026	2047439.19	6735315.54	TW@BC
3027	2047446.67	6735302.44	TW@BC
3028	2047470.59	6735247.71	TW@BC
3029	2047485.25	6735244.41	TW@BC
3030	2047498.82	6735270.96	RP
3031	2047445.33	6735268.80	RP
3032	2047433.15	6735288.90	TW@RAMP
3033	2047435.80	6735284.55	TW@RAMP
3034	2047455.56	6735284.16	TW@RAMP
3035	2047458.35	6735288.36	TW@RAMP
3036	2047450.56	6735286.53	TW@RAMP
3037	2047452.32	6735291.21	TW@RAMP
3038	2047488.49	6735290.18	TW@RAMP
3039	2047490.67	6735285.69	TW@RAMP
3040	2047495.34	6735287.43	TW@RAMP
3041	2047494.57	6735292.36	TW@RAMP

Construction Point Table

Point #	Northing	Easting	Description
3042	2047512.79	6735287.72	TW@RAMP
3043	2047509.43	6735284.01	TW@RAMP
3044	2047442.60	6735308.80	RP
3045	2047411.05	6735338.76	RP
3046	2047390.24	6735358.88	TW@AP
3047	2047394.20	6735314.73	TW@AP
3048	2047404.49	6735311.65	TW@AP
3049	2047399.85	6735363.96	TW@AP
3050	2047444.89	6735358.88	TW@BC
3051	2047441.36	6735358.42	TW@BC
3052	2047437.81	6735363.03	TW@BC
3053	2047439.14	6735366.38	TW@BC
3054	2047446.43	6735367.19	TW@BC
3055	2047447.93	6735364.04	TW@BC
3056	2047450.85	6735352.60	TW@BC
3057	2047470.83	6735323.74	TW@BC
3058	2047488.46	6735314.77	TW@BC
3059	2047506.32	6735305.43	TW@BC
3060	2047528.19	6735327.25	TW@BC
3061	2047525.03	6735344.54	TW@HB
3062	2047471.05	6735371.91	TW@HB
3063	2047472.04	6735301.70	RP
3064	2047471.65	6735345.65	RP
3065	2047505.86	6735326.31	RP
3066	2047518.61	6735363.40	RP
3067	2047490.77	6735377.93	RP
3068	2047482.16	6735323.84	RP
3069	2047342.61	6735305.09	SAWCUT
3070	2047351.17	6735288.11	SAWCUT
3071	2047581.81	6735349.52	SAWCUT
3072	2047572.87	6735366.29	SAWCUT
3073	2047568.45	6735363.99	TBC@END
3074	2047577.35	6735347.20	TBC@END
3075	2047347.27	6735307.37	TBC@END
3076	2047355.69	6735290.36	TBC@END
3077	2047315.34	6735379.35	TBC@RAMP
3078	2047321.13	6735398.04	TBC@RAMP
3079	2047317.58	6735393.12	TBC@RAMP
3080	2047316.23	6735389.32	TBC@RAMP
3081	2047333.83	6735400.99	TW@BC
3082	2047333.50	6735395.18	RP
3083	2047325.94	6735376.63	RP

Construction Point Table

Point #	Northing	Easting	Description
3084	2047321.37	6735374.60	TW@BC
3085	2047351.76	6735309.56	TBW@RAMP
3086	2047360.19	6735292.62	TBW@RAMP
3087	2047572.95	6735344.83	TBW@RAMP
3088	2047564.08	6735361.70	TBW@RAMP
3089	2047571.50	6735358.25	TBC@RAMP
3090	2047574.31	6735352.94	TBC@RAMP
3091	2047352.76	6735296.15	TBC@RAMP
3092	2047350.10	6735301.53	TBC@RAMP
3093	2047354.62	6735303.76	TBW@RAMP
3094	2047357.29	6735298.40	TBW@RAMP
3095	2047569.90	6735350.61	TBW@RAMP
3096	2047567.11	6735355.92	TBW@RAMP
3097	2047456.76	6735193.62	TW@AAP
3098	2047444.61	6735186.21	TW@AAP
3099	2047405.51	6735338.00	RP
3100	2047424.31	6735316.24	TW@BC
3101	2047423.54	6735361.70	TW@BC
3102	2047408.45	6735339.62	RP
3103	2047409.06	6735335.16	RP
3104	2047564.50	6735324.18	RP
3105	2047524.56	6735263.19	RP
3106	2047335.70	6735265.49	RP
3107	2047349.83	6735444.91	RP
3108	2047576.35	6735267.82	RP
3109	2047599.34	6735287.87	RP
3114	2047511.88	6735352.62	MID
3115	2047485.95	6735365.60	MID
3116	2047465.91	6735360.01	BOCCE
3117	2047518.52	6735332.21	BOCCE
3118 *	2047462.14	6735325.30	N.LIGHT.CNTR
3119 *	2047473.09	6735245.89	N.LIGHT.CNTR
3120	2047483.86	6735243.38	TW@BC
3121	2047468.35	6735247.44	TW@BC
3122	2047490.12	6735229.41	TW@BC
3123	2047495.34	6735217.24	TW@BC
3124	2047488.64	6735213.14	TW@BC
3125	2047482.42	6735227.16	TW@BC
3126	2047415.88	6735280.16	TW@MS
3127	2047404.68	6735303.44	TW@MS
3128	2047542.60	6735296.08	TW@MS
3129	2047533.04	6735314.63	TW@MS

* = COORDINATE EXACT LIGHT POLE LOCATION WITH ELECTRICAL AND ARCHITECTURAL PLANS PRIOR TO STAKING.

Control Point Table

Point #	Elevation	Northing	Easting	Description
1	93.34	2047562.58	6735350.02	CPS_PICKER
2	92.81	2048058.62	6734760.44	CPS_PICKER
3	93.21	2047639.42	6735277.28	CPS_PICKER
4	92.98	2047416.76	6735141.05	CPS_PICKER
5	92.22	2047345.33	6735268.46	CPS_PICKER
7	93.06	2047281.95	6735405.46	CPS_PICKER
8	92.67	2047577.73	6735387.32	CPS_PICKER
10	87.33	2047616.41	6734296.33	

B.M. No. CITY BM 130 ELEV. 87.345

3-1/4" BRASS DISK STAMPED OCTOBER 2015 LS 8067 LOCATED ON THE NORTHWEST ANGLE POINT OF THE HEADWALL FOR THE STORM DRAIN OUTFALL BEING APROX. 175 FEET SOUTHWEST OF THE WESTERLY ELBOW INTERSECTION OF FORT COLLINS WAY.

BASIS OF BEARING:

THE BASIS OF BEARING FOR THIS PLAN IS IDENTICAL TO THAT OF SUBDIVISION MAP ENTITLED WESTPARK – PHASE 4, BOOK CC OF MAPS, AT PAGE 53.

COORDINATE LEGEND

COORDINATE LOCATION
× #### COORDINATE NUMBER

ELECTRONIC FILE RELEASE

ELECTRONIC FILES MAY BE RELEASED AT CONTRACTORS REQUEST AND WITH FILE RELEASE AGREEMENT. ELECTRONIC FILES ARE TO BE USED AND CONTRACTORS RISK. CONTRACTOR SHALL REQUEST WARREN CONSULTING ENGINEERS INC. TO PROVIDE ELECTRONIC FILES, MIN. 2 WORKING DAYS PRIOR TO ACTUAL NEED. ELECTRONIC FILES WILL BE SUPPLIED IN AUTOCAD RELEASE 2014 FORMAT.

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J TASSANO
NO. C74696
CIVIL
STATE OF CALIFORNIA
3/17/2021

WARREN CONSULTING ENGINEERS, INC.
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IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK

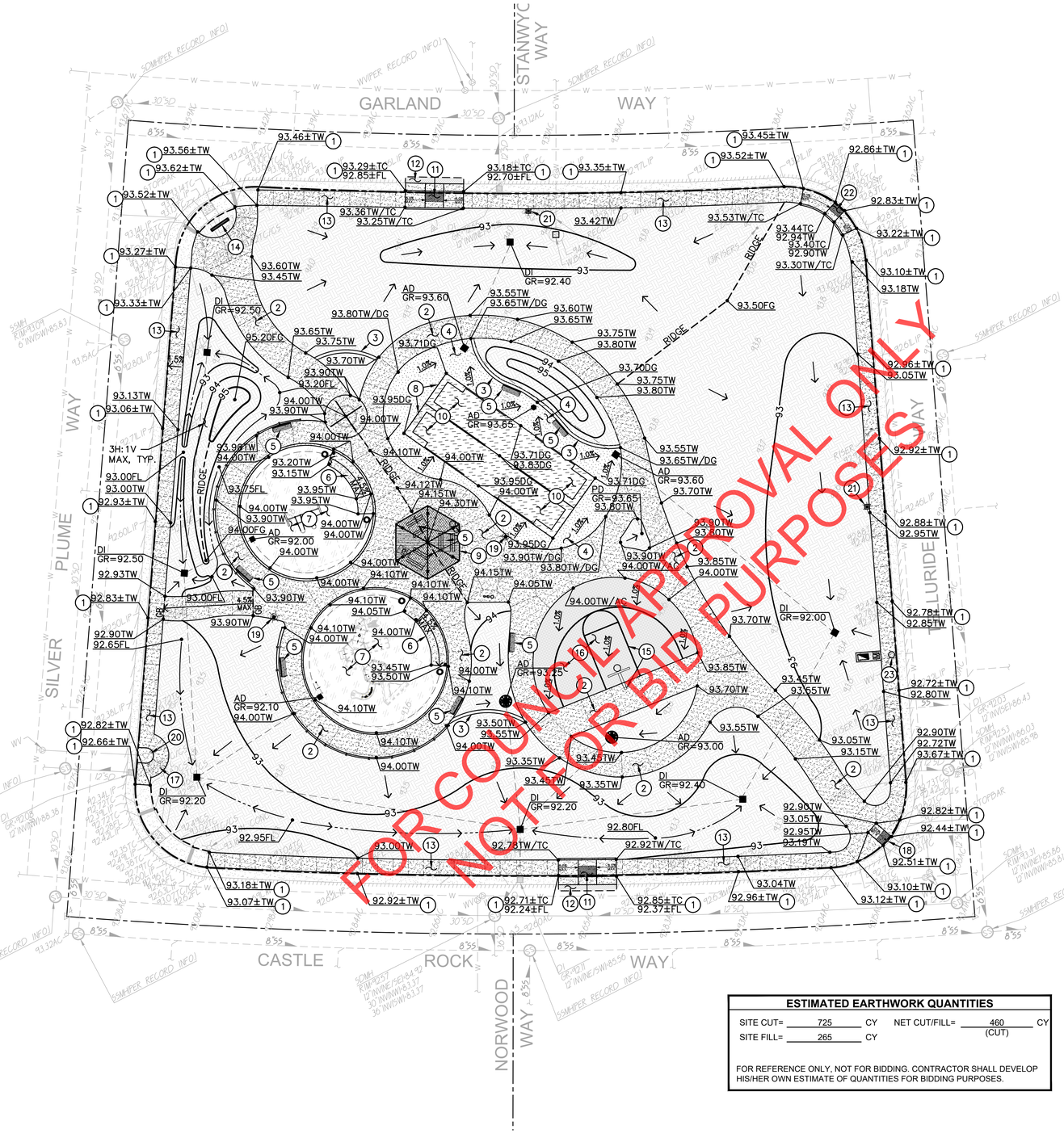
HORIZONTAL CONTROL PLAN

City of Roseville Approval

C2.1
SHEET 6 OF 29
DWG. NO.

99% CONSTRUCTION DOCUMENTS 03/26/2021

20-080-C2.1.dwg - C2.1 - Mar 17, 2021 - 6:48pm



GRADING NOTES

1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SITE SLABS TO EXISTING SITE SLABS (NON-BUILDING), DOWEL AT 24" O.C., SEE PARKS DETAIL PK-32.
2. CONSTRUCT CONCRETE PAVING PER THE CITY OF ROSEVILLE PARKS DISTRICT STANDARD DRAWING PK-31 AND 32. REFER TO ARCH. PLANS FOR SPECIAL FINISHES AND JOINTS.
3. CONSTRUCT 12" WIDE CONCRETE BAND AT DG EDGE PER THE CITY OF ROSEVILLE PARKS DISTRICT STANDARD DRAWING PK-27.
4. CONSTRUCT DECOMPOSED GRANITE PAVING PER THE CITY OF ROSEVILLE PARKS DISTRICT STANDARD DRAWING PK-33.
5. CONSTRUCT BENCH, REFER TO ARC. PLANS. FOR TYPE AND MODEL, SEE PARK DISTRICT STANDARD DRAWING PK-24.
6. CONSTRUCT PLAY APPARATUS RAMP ACCESS, REFER TO ARCH PLANS FOR DETAIL.
7. CONSTRUCT PLAY APPARATUS WITH 12" MIN. LAYER WOOD FIBER FILL OVER FILTER FABRIC OVER 3" MIN. DRAIN ROCK AND CONCRETE EDGE CURBS PER THE PARKS DETAIL PK-36. SEE DRAINAGE PLAN FOR ADDITIONAL INFO. SEE ARCH. PLANS FOR APPARATUS EQUIPMENT.
8. CONSTRUCT BOCCE BALL COURT(S), REFER TO ARCH. PLANS FOR DETAILS.
9. SEE ARCH. PLANS FOR SHADE STRUCTURE.
10. OYSTER SHELL SURFACING OVER COMPACTED SUBGRADE, SEE ARCH. PLANS FOR SECTION.
11. CONSTRUCT CONCRETE CURB RAMP PER THE ROSEVILLE CITY DETAIL ST-26 WITH SECTION PER ST-17.
12. PATCH BACK CLASS II AB AND ASPHALT PAVING TO MATCH EXISTING SECTION, OR 4" AC OVER 12" AB, WHICHEVER IS GREATER.
13. CONSTRUCT CONCRETE SIDEWALK ALONG EDGE OF ROADWAY PER THE CITY OF ROSEVILLE DETAIL ST-17.
14. SEE ARCH. PLANS FOR MONUMENT SIGN.
15. SEE ARCH. PLANS FOR BASKETBALL COURT CONSTRUCTION.
16. PLACE 2.5" ASPHALT OVER 6" CLASS II AB OVER SUBGRADE PREPARED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
17. WIDEN SIDEWALK PAVING TO PROVIDE MIN. 48 CLEAR WALK PATH BEHIND EXISTING HYDRANT.
18. CONSTRUCT PLAZA STYLE CURB RAMP PER CALTRANS STANDARD PLAN A88A, CASE A, WITH CROSS SECTION PER ROSEVILLE STANDARD DETAIL ST-17. EXISTING CURB/GUTTER TO REMAIN.
19. NEW LIGHTING, SEE ELECTRICAL PLANS.
20. CONSTRUCT DECOMPOSED GRANITE PAVING AROUND FIRE HYDRANT PER THE CITY OF ROSEVILLE PARKS DISTRICT STANDARD DRAWING PK-33.
21. RE-INSTALL SALVAGED STREET LIGHT ON NEW CONCRETE BASE. NEW BASE SHALL BE 18"x18" SQUARE ON TOP 4" OF FOOTING, ALIGNED AT BACK OF NEW WALK AND FLUSH WITH ADJOINING WALK SURFACE. RE-ROUTE CONDUIT AND PULL NEW WIRES AS NEEDED. EXISTING WIRES MAY BE RE-USED IF LENGTH APPROPRIATE.
22. CONSTRUCT CONCRETE CURB RAMP PER THE ROSEVILLE CITY DETAIL ST-26 WITH SECTION PER ST-17. EXISTING CURB TO REMAIN.
23. RE-INSTALL SALVAGED VALVE BOX IN NEW CONCRETE WALK. VALVE COVER TO BE FLUSH WITH WALK GRADE AND SLOPE. SEE SHEET C4.1 FOR NEW SERVICES.

GRADING AND UTILITY NOTE:

PRIOR TO THE COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL HAVE THE EXISTING UTILITIES POT HOLED FOR VERIFICATION OF LOCATION AND DEPTH. AT SUCH TIME, POT HOLE DATA SHALL BE PROVIDED TO THE ENGINEER FOR DETERMINATION OF ADEQUATE CLEARANCE AND SEPARATION.

OFFHAUL GENERAL NOTE:

PRIOR TO THE COMMENCEMENT OF GRADING OPERATIONS, THE CONTRACTOR SHALL IDENTIFY THE SITE WHERE THE EXCESS/BORROW EARTHEN MATERIAL SHALL BE IMPORTED/DEPOSITED. IF THE BORROW/DEPOSIT SITE IS WITHIN THE CITY OF ROSEVILLE, THE CONTRACTOR SHALL PRODUCE A REPORT ISSUED BY A GEOTECHNICAL ENGINEER TO VERIFY THAT THE EXPORTED MATERIALS ARE SUITABLE FOR THE INTENDED FILL, AND SHALL SHOW PROOF OF ALL APPROVED GRADING PLANS. HAUL ROUTES TO BE USED SHALL BE SPECIFIED.

ESTIMATED EARTHWORK QUANTITIES

SITE CUT= 725 CY NET CUT/FILL= 460 (CUT) CY

SITE FILL= 265 CY

FOR REFERENCE ONLY, NOT FOR BIDDING. CONTRACTOR SHALL DEVELOP HIS/HER OWN ESTIMATE OF QUANTITIES FOR BIDDING PURPOSES.

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSANO — NO. C74696 — CIVIL — STATE OF CALIFORNIA
3/17/2021

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

SCALE: 1"=20'-0"
0 10 20 40

NORTH

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NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -

SCALE — HORIZ: AS NOTED; VERT: N/A

PROJECT NO. -

CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO: 20-402
PLOT DATE: 1/11/2021

DESIGNED: AT/SMN
DRAWN BY: SMN
CHECKED: AT

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
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CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK

GRADING PLAN

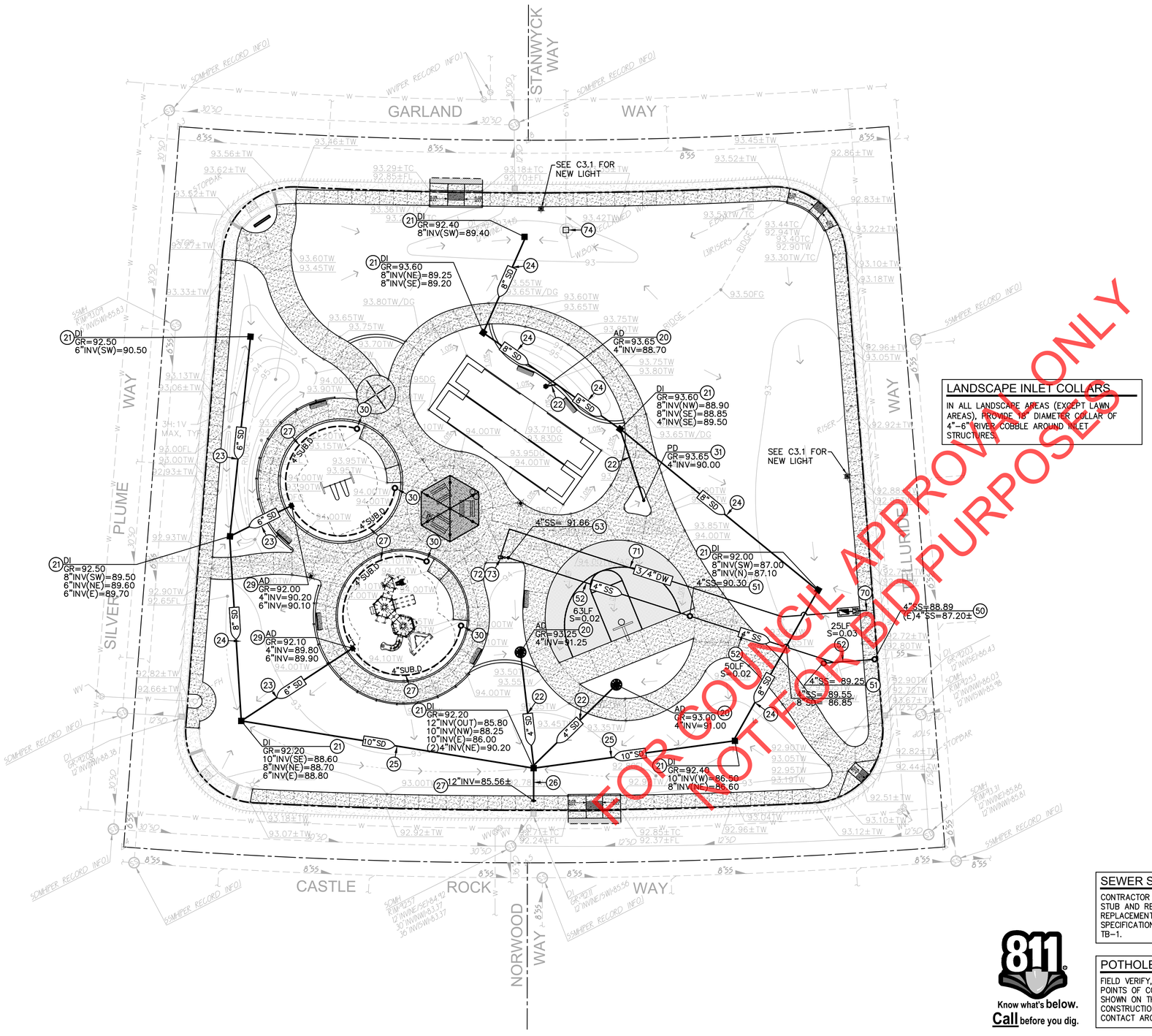
City of Roseville Approval

C3.1

SHEET 7 OF 29

DWG. NO.

20-080-C3.1.dwg - C3.1 - Mar 17, 2021 - 7:26pm



LANDSCAPE INLET COLLARS

IN ALL LANDSCAPE AREAS (EXCEPT LAWN AREAS), PROVIDE 18" DIAMETER COLLAR OF 4"-6" RIVER COBBLE AROUND INLET STRUCTURES.

DRAINAGE CONSTRUCTION NOTES

20. PROVIDE AND INSTALL 16"x16" AREA DRAIN WITH ACCESSIBLE COVER (1/2" MAX OPENINGS) . PROVIDE RISERS RINGS AS NEEDED. INSTALL PER THE DETAIL PROVIDED. (6/C6.1)
21. CONSTRUCT 24" STORM DRAIN DROP INLET WITH CAST IRON GRATE PER THE PROJECT SPECIFICATIONS.
22. INSTALL 4" STORM DRAIN PIPE, PVC SDR-35, ASTM D3034, SLOPE VARIES, S=0.02 MIN. TRENCH PER THE CITY DETAIL TB-2.
23. INSTALL 6" STORM DRAIN PIPE, PVC SDR-35, ASTM D3034, SLOPE VARIES, S=0.01 MIN. TRENCH PER THE CITY DETAIL TB-2.
24. INSTALL 8" STORM DRAIN PIPE, PVC SDR-35, ASTM D3034, SLOPE VARIES, S=0.005 MIN. TRENCH PER THE CITY DETAIL TB-2.
25. INSTALL 10" STORM DRAIN PIPE, PVC SDR-35, ASTM D3034, SLOPE VARIES, S=0.0035 MIN. TRENCH PER THE CITY DETAIL TB-2.
26. INSTALL 12" STORM DRAIN PIPE, PVC SDR-35, ASTM D3034, OR HDPE, SLOPE VARIES, S=0.0030 MIN. TRENCH PER THE CITY DETAIL TB-2.
27. INSTALL 4" PERFORATED SUB DRAIN PIPE AT PLAY APPARATUS, PVC SDR-35, ASTM D3034, SLOPE VARIES, S=0.02 MIN. PER ROSEVILLE PARKS DISTRICT DETAIL PK-38.
28. CONNECT TO EXISTING DRAIN STUB PROVIDED BY SUBDIVISION DEVELOPER. POTHOLE TO VERIFY LOCATION AND DEPTH PRIOR TO TRENCHING.
29. CONSTRUCT APPARATUS DRAIN INLET PER THE ROSEVILLE PARK DISTRICT DETAIL PK-37.
30. INSTALL 90° ELBOW ON END OF SUBDRAIN SCREW CAP BURIED FLUSH BOTTOM OF 3" DRAIN ROCK LAYER PER PK-38.
31. INSTALL RISER PIPE WITH 4" ATRIUM GRATE, DURA, TAN, OR APPROVED EQUAL. GRATE FLANGE SHALL BE FLUSH WITH GRADE AT BASE OF BARK MULCH LAYER.
32. CONSTRUCT SUBDRAIN WITH CLEANOUTS AS SHOWN PER THE DETAIL PROVIDED. (3/C6.1)
33. INSTALL STORM DRAIN CLEANOUT SIM. TO CITY OF ROSEVLLE STANDARD DETAIL SS-5.

WATER CONSTRUCTION NOTES

70. FOLLOWING DEMOLITION OF EXISTING SERVICE, CONNECT TO TAIL END OF EXISTING WATER VALVE AND CONSTRUCT 3/4" WATER SERVICE, METER AND BACKFLOW ASSEMBLY PER THE CITY OF ROSEVILLE STANDARD SPECIFICATIONS AND DETAILS W-6.
71. TRENCH AND INSTALL 3/4" DOMESTIC WATER LINE, PVC-SCH 80, POLY, OR APPROVED EQUAL. ALL TRENCHING SHALL CONFORM TO THE CITY STANDARD SPECIFICATIONS AND DETAILS W-18.
72. INSTALL GATE VALVE AND VALVE BOX FOR DRINKING FOUNTAIN PER CITY OF ROSEVILLE PARKS DETAIL PK-23.
73. CONSTRUCT DRINKING FOUNTAIN AND TRAPPED FLOOR DRAIN AND CONNECT TO NEW WATER AND SEWER SERVICES PER THE CITY OF ROSEVILLE STANDARD SPECIFICATIONS AND STANDARD DETAIL PK-23.
74. CONNECT TO EXISTING RECYCLED WATER STUB AND CONSTRUCT 1.5" LANDSCAPE SERVICE WITH 1.5" TURBO METER FOR IRRIGATION POINT OF CONNECTION PER CITY OF ROSEVILLE STANDARD DETAIL RW-8. SEE LANDSCAPE AND IRRIGATION PLANS FOR IRRIGATION SYSTEMS BEYOND.

SEWER CONSTRUCTION NOTES

50. CONNECT TO EXISTING 6" VCP SEWER STUB PER THE CITY OF ROSEVILLE STANDARDS & SPECIFICATIONS AND CONSTRUCT SEWER SERVICE PER CITY DETAIL SS-4. SEE SEWER STUB NOTE, THIS SHEET. REMOVE EXISTING CLEANOUT.
51. INSTALL SEWER SERVICE CLEANOUT PER CITY DETAIL SS-5.
52. INSTALL NEW ONSITE 4" SEWER LINE, VCP, SLOPE VARIES, S=0.02 MIN. SEE CITY SERVICE DETAIL SS-4 AND TRENCHING DETAIL SS-1.
53. CONNECT TO DRINKING FOUNTAIN SEWER SERVICE POINT. REFER TO ROSEVILLE PARKS STANDARD DETAIL PK-23 FOR DRINKING FOUNTAIN CONSRTUCTION. COORDINATE ALL WORK WITH FOUNTAIN INSTALLER. CONTACT ARCHITECT IMMEDIATELY IF CONFLICTS ARE FOUND.

SEWER STUB NOTE

CONTRACTOR TO TV AND AIR TEST EXISTING STUB AND REPLACE IF FOUND DAMAGED. REPLACEMENT SHALL MEET CITY STANDARD SPECIFICATIONS, AND DETAILS SS-1, SS-4 AND TB-1.

POTHOLE NOTE

FIELD VERIFY, POTHOLE OR OTHER MEANS, ALL POINTS OF CONNECTION TO EXISTING UTILITIES SHOWN ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION. IF CONFLICTS ARE FOUND, CONTACT ARCHITECT FOR DIRECTION.

811 Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER ANTHONY J. TASSANO NO. C74696 CIVIL STATE OF CALIFORNIA 3/17/2021

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SCALE: 1"=20'-0" (0 10 20 40)

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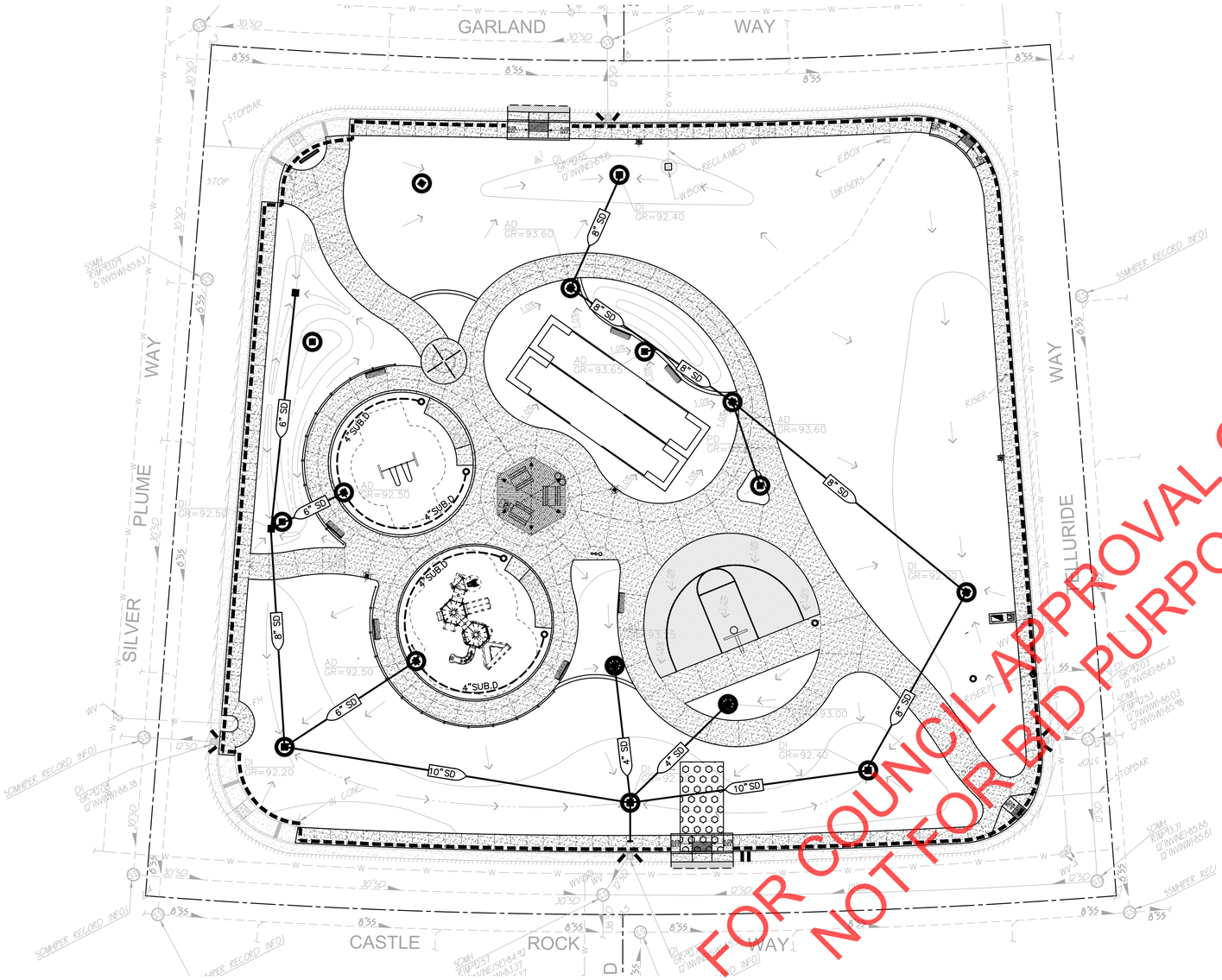
IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
DRAINAGE AND UTILITY PLAN

City of Roseville Approval

C4.1
SHEET 8 OF 29
DWG. NO.

99% CONSTRUCTION DOCUMENTS 03/26/2021

20-080-C4.1.dwg - C4.1 - Mar 17, 2021 - 7:39pm



FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

PROJECT INFORMATION	
PROJECT NAME:	Four Corners Park
SWPPP REQUIRED:	YES
RISK LEVEL:	1
PARCEL AREA	1.21 ACRES
ON-SITE DISTURBED AREA	1.19 ACRES
OFF-SITE DISTURBED AREA	0.02 ACRES
TOTAL DISTURBED AREA	1.21 ACRES

CONSTRUCTION SCHEDULE (ESTIMATED)

ACTIVITY	BEGIN	END
GRADING/UTILITIES	–	–
PAVING/LANDSCAPING	–	–

THIS IS NOT A S.W.P.P.P.

THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. THE BMP'S AS SHOWN ON THIS PLAN ARE NOT "REQUIRED" HOWEVER THEY ARE RECOMMENDED TO COMPLY WITH STORMWATER QUALITY ORDINANCES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES.

BEST MANAGEMENT PRACTICES (BMP'S)

(INCLUDES BUT IS NOT LIMITED TO)

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE. (BMP9 C5.2)
- STRAW WATTLE. (BMP5 C5.2)
- NEW / EX. DRAIN INLET PROTECTION. (BMP7 C5.2) (BMP8 C5.2) (1 C5.1)
- FLOW DIRECTION / SWALE
- PLACE GRAVEL/SAND BAGS IN GUTTER TO CONTROL SEDIMENT (BMP7 C5.2)

CONTRACTOR SHALL ADD THESE ITEMS TO THIS MAP AS THEY ARE LOCATED IN THE FIELD

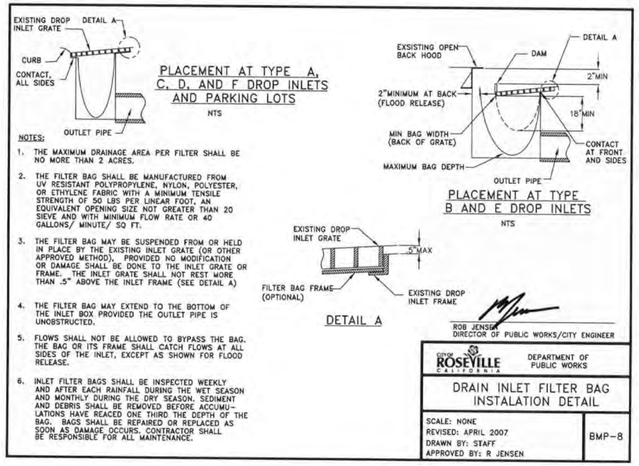
- CONSTRUCTION TRAILER.
- VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA.
- COVERED WASTE STORAGE (DUMPSTERS).
- STAGE — STAGING AREA
- MATERIAL STORAGE
- SP — SOIL STOCKPILES.
- CWO — CONCRETE WASHOUT. (10 C5.2)

BMP'S INSTALLED AND ANY CHANGES MADE TO BMP'S IN THE FIELD MUST BE SHOWN ON THIS MAP. UPDATE MAP TO REFLECT ROUTINE CHANGES.

ON/OFF HAUL GENERAL NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO. LARGE QUANTITIES OF SOUL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTORS RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL.

PHASE OF CONSTRUCTION	EROSION AND SEDIMENT CONTROL MEASURES																	
	HYDRO-SEEDING	STRAW MULCHING TACTIFIER	SOIL BINDERS	PRESERVATION OF EXISTING VEGETATION	BLANKETS MATS & GEOTEXTILES	FIBER ROLLS	DUST CONTROL	OUTLET PROTECTION	SILT FENCING	SAND/GRAVEL BAG BARRIERS	STORM DRAIN INLET PROTECTION	SEDIMENT BASIN	SEDIMENT TRAP	DEWATERING	STABILIZED CONSTRUCTION ENTRANCE	MATERIAL & WASTE DISPOSAL LOCATION	CONCRETE WASHOUT
PRE-GRADING				X			X											
CUT-FILL ACTIVITIES		X	X	X	X	X	X			X	X		X	X	X	X		
UND



NOTES:

1. THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN 2 ACRES.
2. THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAR FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN 20 SIEVE AND WITH MINIMUM FLOW RATE OR 40 GALLONS/ MINUTE/ SQ FT.
3. THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY THE EXISTING INLET GRATE (OR OTHER APPROVED METHOD). PROVIDED NO MODIFICATION OR DAMAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT REST MORE THAN .5" ABOVE THE INLET FRAME (SEE DETAIL A)
4. THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
5. FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET, EXCEPT AS SHOWN FOR FLOOD RELEASE.
6. INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE.

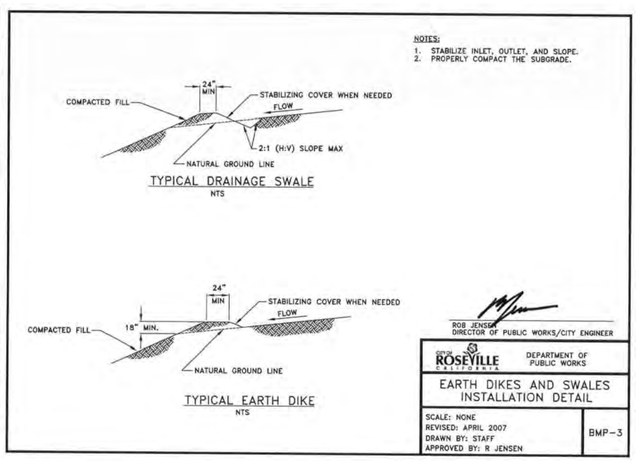
ROB JENSEN
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

DRAIN INLET FILTER BAG INSTALATION DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-8



NOTES:

1. STABILIZE INLET, OUTLET, AND SLOPE.
2. PROPERLY COMPACT THE SUBGRADE.

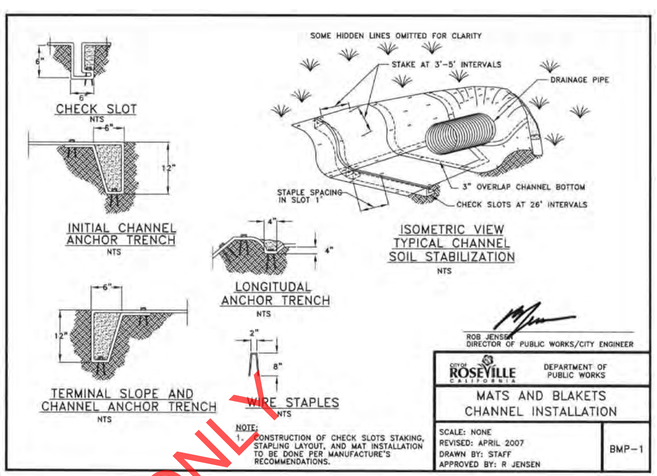
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CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

EARTH DIKES AND SWALES INSTALLATION DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-3



NOTE:

1. CONSTRUCTION OF CHECK SLOTS STAKING, STAPLING LAYOUT, AND MAT INSTALLATION TO BE DONE PER MANUFACTURE'S RECOMMENDATIONS.

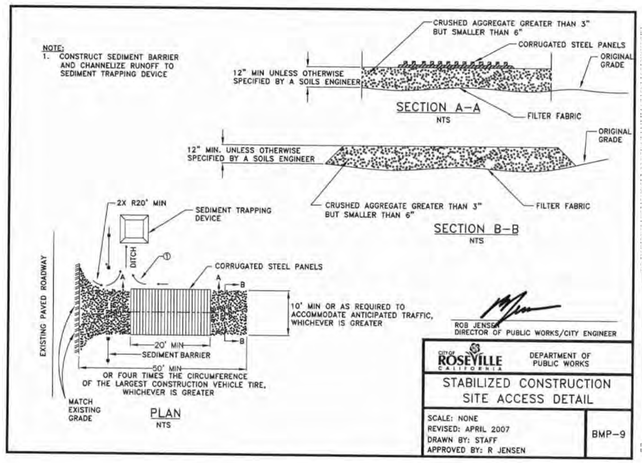
ROB JENSEN
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

MATS AND BLAKETS CHANNEL INSTALLATION

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-1



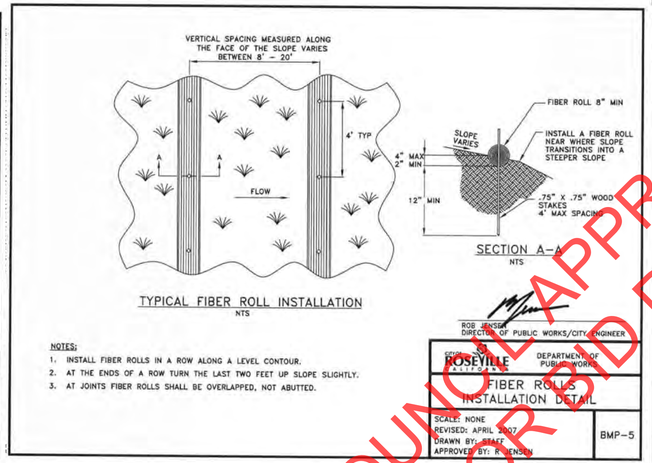
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CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

STABILIZED CONSTRUCTION SITE ACCESS DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-9



NOTES:

1. INSTALL FIBER ROLLS IN A ROW ALONG A LEVEL CONTOUR.
2. AT THE ENDS OF A ROW TURN THE LAST TWO FEET UP SLOPE SLIGHTLY.
3. AT JOINTS FIBER ROLLS SHALL BE OVERLAPPED, NOT ABUTTED.

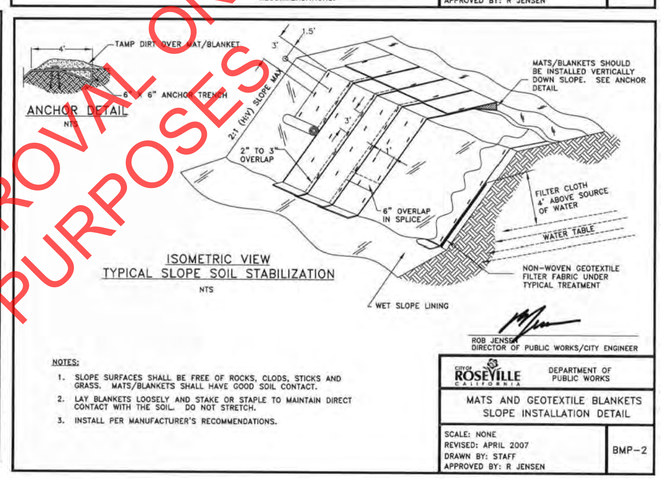
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CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

FIBER ROLLS INSTALLATION DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-5



NOTES:

1. SLOPE SURFACES SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

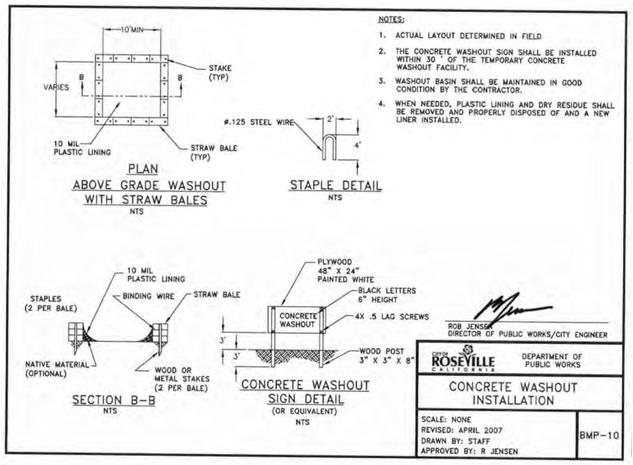
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CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

MATS AND GEOTEXTILE BLANKETS SLOPE INSTALLATION DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-2



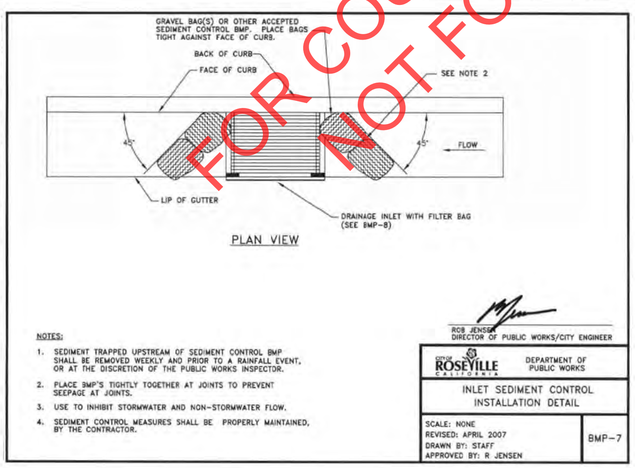
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CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

CONCRETE WASHOUT INSTALLATION

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-10



NOTES:

1. SEDIMENT TRAPPED UPSTREAM OF SEDIMENT CONTROL BMP SHALL BE REMOVED WEEKLY AND PRIOR TO A RAINFALL EVENT, OR AT THE DISCRETION OF THE PUBLIC WORKS INSPECTOR.
2. PLACE BMP'S TIGHTLY TOGETHER AT JOINTS TO PREVENT SEEPAGE AT JOINTS.
3. USE TO INHIBIT STORMWATER AND NON-STORMWATER FLOW.
4. SEDIMENT CONTROL MEASURES SHALL BE PROPERLY MAINTAINED, BY THE CONTRACTOR.

ROB JENSEN
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

CITY OF ROSEVILLE CALIFORNIA — DEPARTMENT OF PUBLIC WORKS

INLET SEDIMENT CONTROL INSTALLATION DETAIL

SCALE: NONE
REVISED: APRIL 2007
DRAWN BY: STAFF
APPROVED BY: R JENSEN

BMP-7

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

CITY OF ROSEVILLE
EROSION / SEDIMENT CONTROL NOTES: (SWPPP VERSION)

1. THE STATE'S GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (WQD 99-080-DWQ) REQUIRES THE PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR SITES WITH SOIL DISTURBANCES GREATER THAN OR EQUAL TO ONE ACRE, OR FROM SITES SMALLER THAN ONE ACRE IF THE CONSTRUCTION ACTIVITY IS PART OF A LARGER PLAN OF DEVELOPMENT OR SALE THAT DISTURBS ONE ACRE OR MORE. CONSTRUCTION ACTIVITY SHALL NOT COMMENCE, NOR A PRE-CONSTRUCTION MEETING PERMITTED TO BE SCHEDULED, PRIOR TO THE SWPPP BEING ACCEPTED BY THE CITY. FOR MORE INFORMATION SEE; http://www.roseville.ca.us/eu/stormwater_management
2. THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS INCORPORATED BY REFERENCE INTO THIS SET OF PLANS. THE SWPPP IS CONSIDERED A DYNAMIC DOCUMENT AND WILL CHANGE AS CONDITIONS WARRANT. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AS SHOWN ON THESE PLANS.
3. A COPY OF THE SWPPP SHALL BE KEPT AT THE PROJECT SITE AT ALL TIMES.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE SWPPP AND/OR AS DIRECTED BY CITY INSPECTOR.
5. 5. NO GRADING OR TRENCHING, EXCEPT AS REQUIRED FOR EROSION OR SEDIMENT CONTROL, SHALL OCCUR WITHIN 35 FEET FROM THE CENTERLINE OF PERENNIAL AND INTERMITTENT DRAINAGE SWALES BETWEEN OCTOBER 15 AND APRIL 15 EXCEPT AS APPROVED BY THE DEPARTMENT OF FISH AND GAME.
6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN ACCORDANCE WITH THE SWPPP.
7. THE CONTRACTOR SHALL ESTABLISH A SPECIFIC SITE WITHIN THE DEVELOPMENT FOR MAINTENANCE AND STORAGE OF EQUIPMENT OR ANY OTHER ACTIVITY THAT MAY ADVERSELY CONTRIBUTE TO THE WATER QUALITY OF THE RUNOFF IN ACCORDANCE WITH THE SWPPP

REGISTERED PROFESSIONAL ENGINEER
ANTHONY J. TASSANO
NO. C74696
CIVIL
STATE OF CALIFORNIA
3/17/2021

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LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

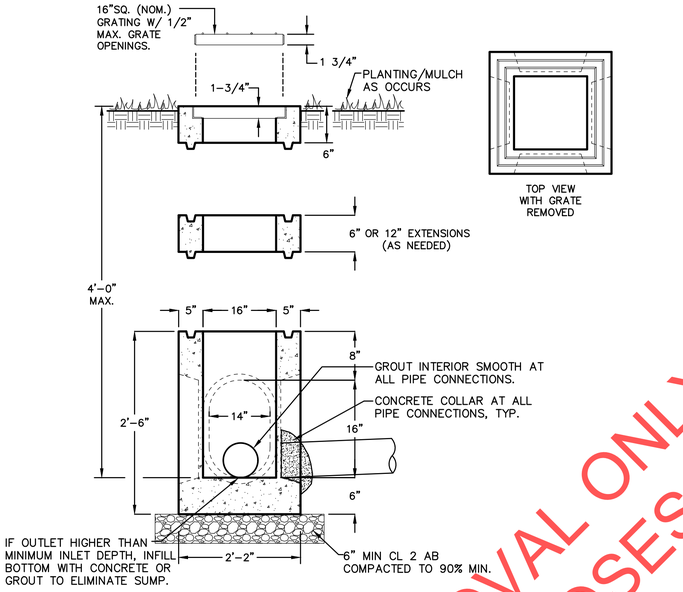
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
EROSION CONTROL NOTES AND DETAILS

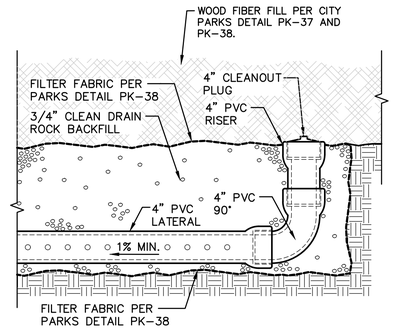
City of Roseville Approval

C5.2
SHEET 10 OF 29
DWG. NO.

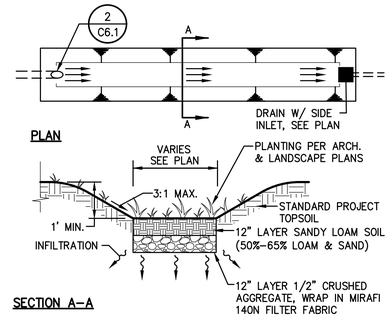
20-080-C5.1.dwg - C5.2 - Mar 17, 2021 - 6:48pm



6 / C6.1 — 16"x16" AREA DRAIN — NO SCALE



3 / C6.1 — SUBDRAIN CLEANOUT — NO SCALE

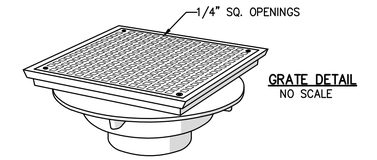


SECTION A-A

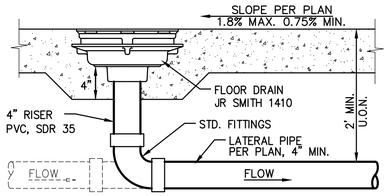
NOTES:
1. MAXIMUM ALLOWABLE SIDE-SLOPE 3:1.

WSEL DATA (FROM BOTTOM ELEV. OF SWALE):
WATER QUALITY WSEL = +0.21' (2.52") (4" MAX)
10 YEAR WSEL = +0.76' (9.12")

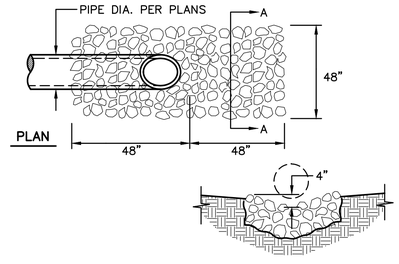
1 / C6.1 — VEGETATIVE FILTER SWALE — NO SCALE



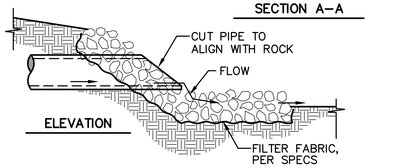
GRATE DETAIL
NO SCALE



4 / C6.1 — FLOOR DRAIN — NO SCALE



SECTION A-A



NOTES:
1. HAND PLACE ROCK AND GROUT IN PLACE.
2. ALL ROCK SHALL BE ANGULAR AND 4"-6" DIA.

2 / C6.1 — OUTFALL STRUCTURE — 10" PIPE OR SMALLER — NO SCALE

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

REGISTERED PROFESSIONAL ENGINEER — ANTHONY J. TASSANO — NO. C74696 — CIVIL — STATE OF CALIFORNIA
3/17/2021

WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762 | (916) 985-1870

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE — HORIZ: AS NOTED — VERT: N/A
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 1/11/2021
DESIGNED: AT/SMN
DRAWN BY: SMN
CHECKED: AT

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK

GRADING DETAILS

City of Roseville Approval

C6.1
SHEET 11 OF 29
DWG. NO.

99% CONSTRUCTION DOCUMENTS 03/26/2021

20-080-C6.1.dwg - C6.1 - Mar 17, 2021 - 6:47pm

CONSTRUCTION NOTES

1. UNLESS SPECIFIED OTHERWISE, LANDSCAPE CONSTRUCTION AND LAYOUT WORK INCLUDES, BUT IS NOT LIMITED TO THE LOCATION, PLACEMENT AND DETAILING OF THE PAVING, CONCRETE MASONRY SEATWALLS, CONSTRUCTION OF CERTAIN SPECIFIED SITE FURNITURE, AND PLAY EQUIPMENT.
2. SEE ENGINEER'S PLAN FOR SITE DRAINAGE AND GRADING, FINISH GRADING, SITE UTILITY LAYOUT AND CONSTRUCTION, AND EROSION CONTROL.
3. DIMENSIONS INDICATED ON PLANS SHALL PREVAIL OVER PLAN SCALE. DIMENSIONS ARE TO FACES OF, AND PERPENDICULAR FACE OF BUILDING WALLS UNLESS SHOWN OTHERWISE. ALL ANGLES AND CONNECTIONS ARE (90) DEGREES UNLESS NOTED OTHERWISE. WALKS CONNECTING DOORS ARE TO BE ALIGNED WITH FACE OF BUILDING UNLESS NOTED OTHERWISE.
4. ALL COORDINATE POINTS AND DIMENSIONS ARE TAKEN FROM THE BACK OF CURB UNLESS OTHERWISE NOTED.
5. EXPANSION JOINTS SHALL BE AS LOCATED ON THE PLANS AND WHERE CONCRETE MEETS EXISTING WALLS, BUILDINGS, OR OTHER HARD SURFACES. EXPANSION JOINTS SHALL BE SEALED TO PREVENT MOISTURE SEEPAGE AFTER CURING. EXPANSION JOINTS ON WALKS TO BE A MAXIMUM OF 30'-0" ON CENTER.
6. FIBER EXPANSION JOINTS SHALL BE AS LOCATED ON PLANS AND WHERE NEW CONCRETE EXPANSION JOINTS MEETS ADJACENT HARD SURFACES SUCH AS EXISTING CONCRETE OR WALLS. ALL FIBER EXPANSION JOINTS SHALL BE SEALED.
7. CONSTRUCT EXPANSION, WEAKENED-PLANE (CONTRACTION) AND CONSTRUCTION JOINTS IN ACCORDANCE WITH PARKS DESIGN AND CONSTRUCTION STANDARDS.
8. ALL CONCRETE SHALL BE A MINIMUM STRENGTH OF 2500 PSI AT 28 DAYS FOR SIDEWALKS. FINISH SHALL BE AS NOTED ON PLANS.
9. CONCRETE PAVING SHALL HAVE FINISHED GRADES SMOOTHED TO ELIMINATE PUDDLING OR STANDING WATER. ALL FINISH SURFACES SHALL MAINTAIN A MINIMUM 2% (MAXIMUM 2% AT ACCESSIBLE WALKWAYS) SLOPE AWAY FROM BUILDINGS AND WALLS INTO DRAINAGE STRUCTURES OR TO STREET. CONTRACTOR SHALL NOTIFY CITY'S PROJECT MANAGER OF ANY CONFLICTS MAINTAINING DRAINAGE.
10. SCORE JOINTS SHALL BE AS SHOWN ON THE PLANS OR SET ON TYPICAL ON CENTER SPACING AND ALIGN WITH BUILDING EDGES.
11. LAYOUT POINTS OF ALL RADIUS SHALL BE CONNECTED BY SMOOTH EVEN LINES TO CREATE THE CURVED CONFIGURATION AS SHOWN ON THE PLANS.
12. SEE IRRIGATION PLANS FOR SLEEVE LOCATIONS PRIOR TO CONSTRUCTION.
13. SEE ELECTRICAL PLANS FOR SLEEVE AND LIGHT POLE LOCATIONS PRIOR TO CONSTRUCTION.
14. ALL EXPOSED SITE FURNISHINGS, CONCRETE WALLS, AND MONUMENT SIGNS, UNLESS NOTED OTHERWISE, SHALL RECEIVE TWO CLEAR COATS OF GRAFFITI RESISTANT COATING PER SPECIFICATIONS. SUBMIT PROPOSED SEALANT TYPE AND CONFORM WITH MANUFACTURER SPECIFICATIONS.
15. NO DEVIATIONS FROM PLANS SHALL OCCUR WITHOUT APPROVAL OF THE CITY'S PROJECT MANAGER.
16. ANY PROPOSED WORK THAT IS INCONSISTENT WITH COMMON, SAFE CONSTRUCTION PRACTICES SHALL BE BROUGHT TO THE ATTENTION OF THE CITY'S PROJECT MANAGER PRIOR TO COMMENCING WITH CONSTRUCTION.
17. CONTRACTOR SHALL VISIT SITE AND VERIFY ALL FIELD CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
18. CONTRACTOR SHALL REVIEW PLANS AND DETAILS TO ASCERTAIN LOCATIONS NECESSARY TO PROVIDE ELECTRICAL CONNECTIONS TO POWER IRRIGATION, LIGHTING, ETC.
19. CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL SITE UTILITIES PRIOR TO CONSTRUCTION. NOTIFY CITY'S PROJECT MANAGER OF ANY DISCREPANCIES IMMEDIATELY.
20. CONTRACTOR SHALL SECURE ALL PERMITS AND PAY ALL APPLICABLE FEES TO CONSTRUCT THE PLANS HEREIN.
21. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION STAKING AND RE-STAKING REQUIRED TO COMPLETE THE PROJECT.
22. ALL HARDWARE SUCH AS NAILS, BOLTS, FASTENERS ETC. SHALL BE HOT DIPPED GALVANIZED UNLESS OTHERWISE NOTED.
23. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES AS NECESSARY.
24. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR CITY'S PROJECT MANAGER REVIEW AND APPROVAL FOR DETAILS AS NOTED ON THE PLANS AND SPECIFICATIONS.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF THE SITE AND PROVIDING ADEQUATE SAFETY MEASURES DURING CONSTRUCTION ON A 24 HOUR BASIS.
26. ANY CREDITS AND/OR DEBITS SHALL BE REPORTED TO CITY'S PROJECT MANAGER AT TIME OF OCCURRENCE FOR PROPER VERIFICATION AND/OR APPROVAL PRIOR TO COMMENCEMENT OF RESULTING ACTION.
27. CONTRACTOR SHALL PROVIDE A 24 HOUR PHONE NUMBER AVAILABLE IN CASE OF EMERGENCY.
28. COMPLY WITH CITY OF ROSEVILLE PARKS CONSTRUCTION STANDARDS, LATEST EDITION.

SEE SHEET LC 1.0 FOR LANDSCAPE CONSTRUCTION LEGEND AND NOTES
SEE SHEET LC 1.1 FOR LANDSCAPE CONSTRUCTION PLANS
SEE SHEETS LC-2.0-2.4 FOR LANDSCAPE CONSTRUCTION DETAILS

CONSTRUCTION SCHEDULE:

SYMBOL	DESCRIPTION	DETAIL
1	5" THICK NATURAL GREY PEDESTRIAN CONCRETE PAVING WITH MEDIUM BROOM FINISH	1/LC-2.1
2	5" THICK ENHANCED PEDESTRIAN CONCRETE PAVING AREA WITH INTEGRAL COLOR, TOPCAST #15 FINISH, AND SANDBLASTED TEXT. COLOR: COBBLESTONE DAVIS COLORS.	2/LC-2.3
3	3" STABILIZED DECOMPOSED GRANITE. COLOR: CALIFORNIA GOLD	5/LC-2.1
4	5" THICK PEDESTRIAN CONCRETE WITH BASKETBALL HALF-COURT STRIPING. LINES PAINTED.	1/LC-2.2
5A	ENGINEERED WOOD FIBER PLAY SURFACING. AVAILABLE THROUGH PLAYGROUNDSURFACING. PHONE: (800) 573-7529.	4/LC-2.1
5B	PLAY AREA CONCRETE CURB	4/LC-2.1
5C	PLAY AREA ACCESS RAMP	5/LC-2.0
6A	CONCRETE SCORE JOINT	2/LC-2.1
6B	EXPANSION JOINTS	4/LC-2.0
7	PARK BENCH. MODEL: SG356D SIGNATURE SERIES. IN GROUND MOUNTED, PERFORATED PATTERN. COLOR: GREEN. AVAILABLE THROUGH: WABASH VALLEY. PHONE: (916) 317-0545	2/LC-2.0
8	SAND BLASTED TEXT QUOTES IN CONCRETE PAVING.	3/LC-2.3
9	DRINKING FOUNTAIN. MODEL # 10145 SM, WITH HOSE BIB AND LOCKING COVER OPTIONS. AVILABLE THROUGH MOST DEPENDABLE FOUNTAINS. PHONE: (800) 821-9836	3/LC-2.2
10	PICNIC TABLES. MODEL: SG201D, PERFORATED PATTERN. COLOR: GREEN. AVAILABLE THROUGH WABASH VALLEY. PHONE: (916) 317-0545.	2/LC-2.0
11	TRASH AND RECYCLING RECEPTACLES. MODEL #: TG3D33S. URBANSCAPE ELEGANCE "FG STYLE". AVAILABLE THROUGH WABASH VALLEY. SOLID DOME TOP, 32 GALLON SIZE WITH RECEPTACLE. COLOR: HUNTER. CONTACT MIRACLE PLAY GROUP, PHONE: (916) 317-0545. SURFACE MOUNT PER MANUFACTURERS RECOMMENDATIONS.	
12	PLAYGROUND RULES SIGN. AVAILABLE THROUGH: GOPHER SIGN COMPANY. PHONE: (651) 698-5095. INSTALL PER MANUFACTURER`S RECOMMENDATIONS	
13	TRICYCLE TRACK. PAINTED 2" WIDE DASHED LINE.	4/LC-2.3
14	MOUNDED PLANTER AREA. SEE GRADING PLANS FOR ADDTIONAL INFORMATION.	
15	SHADE STRUCTURE BY POLIGON OR APPROVED EQUAL. STEEL POST AND WOOD BEAM WITH TONGUE AND GROOVE CEILING AND ASPHALT SHINGLE ROOF.	1/LC-2.4
16	BASKETBALL GOAL. MODEL 1513-26-44 #29 BACKBOARD PERIMETER AVAILABLE THROUGH PATTERSON WILLIAMS. 6` OFFSET, #44 NET AND GOAL, #26 1/4" RECTANGULAR HEAVY-DUTY SOLID STEEL, POWDER-COATED BACKBOARD WITH #29 PERIMETER. CONTACT MIRACLE PLAY GROUP. PHONE: (916) 317-0545. INSTALL PER MANUFACTURERS RECOMMENDATIONS.	2/LC-2.2
17	5-12 CHILDREN`S PLAY STRUCTURE. CUSTOM LITTLE TIKES PLAY STRUCTURE FOR FOUR CORNERS PARK AVAILABLE THROUGH ALL ABOUT PLAY. (916) 923-2180. CONTACT: GLEN WURSTER.	
18	BOCCE BALL COURT	6/LC-2.0
19	SWING SET. CUSTOM LITTLE TIKES TWO BAY SWING SET FOR FOUR CORNERS PARK. AVAILABLE THROUGH ALL ABOUT PLAY. (916) 923 2180. CONTACT: GLEN WURSTER.	

CONSTRUCTION SCHEDULE CONTINUED:

20	MONUMENT SIGN	3/LC-2.1
21	PRECAST CONCRETE SPLIT RAIL FENCE. 2`-10" HEIGHT. MODEL: DYNARETE TWO RAIL FENCE. COLOR: EARTH TONE BROWN. AVAILABLE THROUGH: DYNAMIC PRECAST COMPANY. PHONE: (707) 573-1110.	3/LC-2.4
22	6 FT. HEIGHT CHAIN LINK FENCE POWDER COATED BLACK.	5/LC-2.3
PA	TURF AREA, SEE PLANTING PLAN FOR ADDTIONAL INFORMATION.	
25	CONCRETE CURB RAMP. SEE CIVIL PLANS FOR MORE INFORMATION	
26	12" CONCRETE MOW CURB.	3/LC-2.0
27	LIGHT POLE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.	
28	RIGHT OF WAY CONCRETE SIDEWALK PER CITY STANDARD ST-17. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.	
29	CONCRETE COLLAR AT LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.	2/LC-2.4
30	GALVANIZED SAFETY RAILING AT DRINKING FOUNTAIN	4/LC-2.2
31	WATER METER LOCATION	
32	ELECTRICAL SERVICE PEDESTAL LOCATION. SEE ELECTRICAL PLANS FOR ADDITIOAL INFORMATION.	
33	ROOT BARRIER. DEEP ROOT UB 24-2. AVAILABLE THROUGH DEEP ROOT. PHONE: (415) 781-9700.	4/LP-2.0

AMERICANS WITH DISABILITIES NOTES

1. ALL SLOPES SHOWN ON THIS PLAN WERE DESIGNED AT OR BELOW MAXIMUMS ALLOWED BY THE AMERICANS WITH DISABILITIES ACT ACCESS GUIDE (A.D.A.A.G.). IN ORDER TO ALLOW FOR CONSTRUCTION TOLERANCES. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH A.D.A.A.G. AND IN THE EVENT THAT A DESIGN QUESTION SHOULD ARISE, OR A FIELD CONDITION PRESENTS ITSELF THAT IS DIFFERENT THAN SHOWN ON THESE PLANS, WORK SHOULD CEASE AND THE ENGINEER BE NOTIFIED SO THAT AN ACCEPTABLE SOLUTION CAN BE DETERMINED.
2. THE CONTRACTOR IS ADVISED TO CAREFULLY CHECK ALL PHASES OF WORK RELATING TO A.D.A.A.G. ACCESS FOR THIS PROJECT. SINCE THE CODE DOES NOT ALLOW FOR A CONSTRUCTION TOLERANCE, AND CONSTRUCTION THAT EXCEEDS MAXIMUM OR MINIMUM DIMENSIONS AND SLOPES AS CALLED OUT BY A.D.A.A.G. ARE SUBJECT TO REJECTION BY THE CITY OF ROSEVILLE AND MAY BE REQUIRED TO BE MOVED AND REPLACED.
3. SINCE THE CIVIL ENGINEER OR SURVEYOR CANNOT CONTROL THE EXACT METHODS OR MEANS USED BY THE GENERAL CONTRACTOR OR THEIR SUBCONTRACTOR DURING GRADING AND CONSTRUCTION OF THE PROJECT, THE CIVIL ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL ACCEPTANCE OF A.D.A.A.G. RELATED ITEMS OF THIS PROJECT BY THE CITY OF ROSEVILLE, ANY OTHER AUTHORITY OR OTHER AFFECTED PARTIES.

COMPLIANCE WITH A.D.A.A.G. CONSTRUCTION REQUIREMENTS WILL BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THEIR SUB-CONTRACTORS.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE HORIZ: –
SCALE VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021
DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 3139 STATUTORY EXPIRATION 08-31-19 RENEWAL DATE 08-22-18 DATE STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

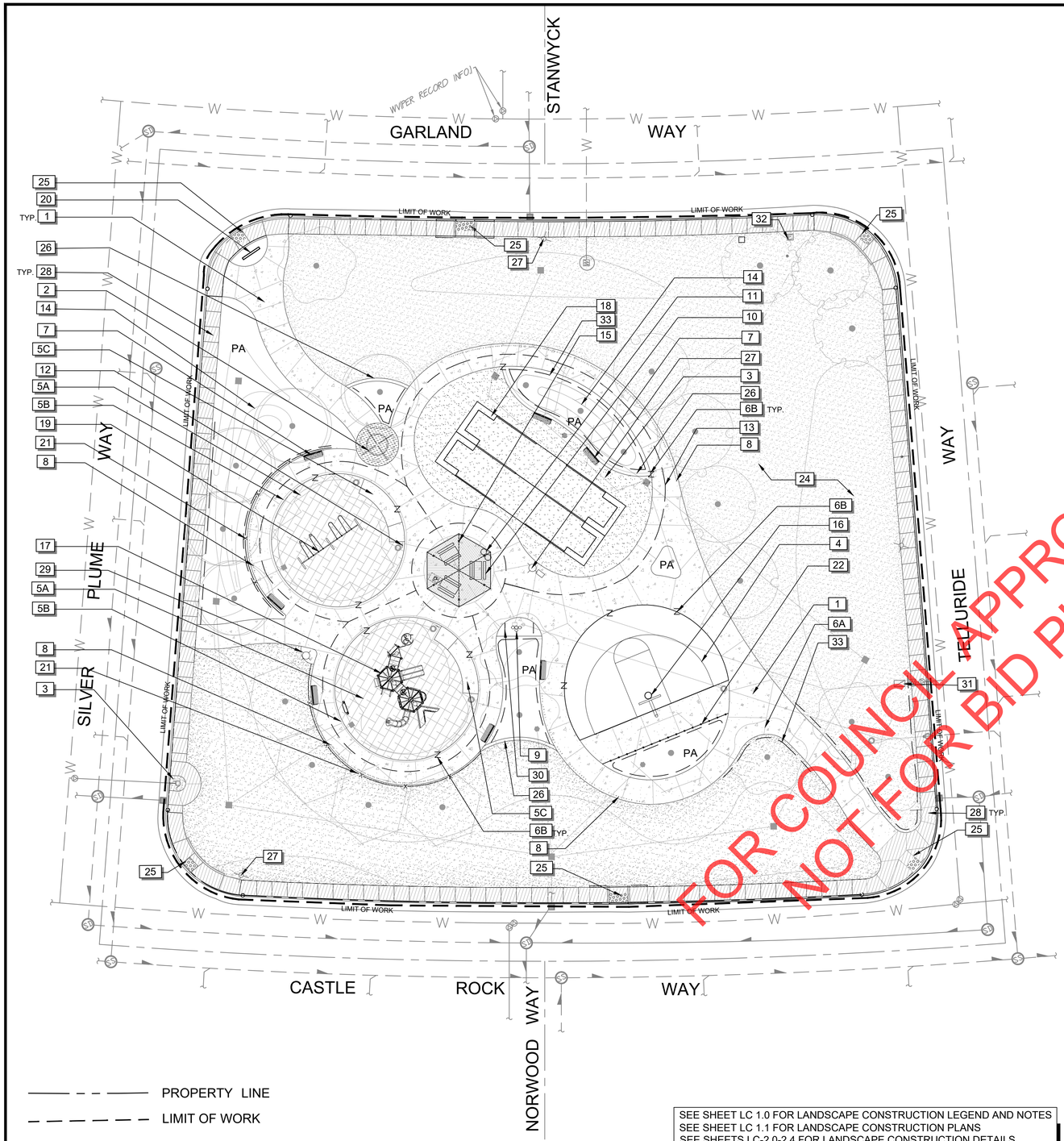
IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE CONSTRUCTION LEGEND & NOTES

City of Roseville Approval

LC-1.0
SHEET 12 OF 29
DWG. NO. –

99% CONSTRUCTION DOCUMENTS 03/26/2021



SEE SHEET LC 1.0 FOR LANDSCAPE CONSTRUCTION LEGEND AND NOTES
SEE SHEET LC 1.1 FOR LANDSCAPE CONSTRUCTION PLANS
SEE SHEETS LC-2.0-2.4 FOR LANDSCAPE CONSTRUCTION DETAILS

CONSTRUCTION SCHEDULE:

SYMBOL	DESCRIPTION	DETAIL
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2	5" THICK ENHANCED PEDESTRIAN CONCRETE PAVING AREA WITH INTEGRAL COLOR, TOPCAST #15 FINISH, AND SANDBLASTED TEXT. COLOR: COBBLESTONE DAVIS COLORS.	2/LC-2.3
3	3" STABILIED DECOMPOSED GRANITE. COLOR:` CALIFORNIA GOLD	5/LC-2.1
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5A	ENGINEERED WOOD FIBER PLAY SURFACING. AVAILABLE THROUGH PLAYGROUNDSURFACING. PHONE: (800) 573-7529.	4/LC-2.1
5B	PLAY AREA CONCRETE CURB	4/LC-2.1
5C	PLAY AREA ACCESS RAMP	5/LC-2.0
6A	CONCRETE SCORE JOINT	2/LC-2.1
6B	EXPANSION JOINTS	4/LC-2.0
7	PARK BENCH. MODEL: SG356D SIGNATURE SERIES. IN GROUND MOUNTED PERFORATED PATTERN. COLOR:A GREEN. AVAILABLE THROUGH: WABASH VALLEY. PHONE: (916) 317-0545	2/LC-2.0
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10	PICNIC TABLES. MODEL: SG201D PERFORATED` PATTERN. COLOR: GREEN. AVAILABLE THROUGH WABASH VALLEY. PHONE: (916) 317-0545.	2/LC-2.0
11	TRASH AND RECYCLING RECEPTACLES. MODEL :` TG3D33S. URBANSCAPE ELEGANCE "FG STYLE". AVAILABLE THROUGH WABASH VALLEY. SOLID DOME TOP, 32 GALLON SIZE WITH RECEPTACLE. COLOR: HUNTER. CONTACT MIRACLE PLAY GROUP PHONE:A (916) 317-0545. SURFACE MOUNT PER MANUFACTURERS RECOMMENDATIONS.	
12	PLAYGROUND RULES SIGN. AVAILABLE THROUGH: GOPHER SIGN COMPANY. PHONE: (651) 698-5095. INSTALL PER MANUFACTURER`S RECOMMENDATIONS	
13	TRICYCLE TRACK. PAINTED 2" WIDE DASHED LINE.	4/LC-2.3
14	MOUNDED PLANTER AREA. SEE GRADING PLANS FOR ADDTIONAL INFORMATION.	
15	SHADE STRUCTURE BY POLIGON OR APPROVED EQUAL. STEEL POST AND WOOD BEAM WITH TONGUE AND GROOVE CEILING AND ASPHALT SHINGLE ROOF.	1/LC-2.4
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22	6 FT. HEIGHT CHAIN LINK FENCE POWDER COATED BLACK.	5/LC-2.3
24	TURF AREA SEE PLANTING PLAN FOR ADDTIONAL` INFORMATION.	
25	CONCRETE CURB RAMP. SEE CIVIL PLANS FOR MORE INFORMATION	
26	12" CONCRETE MOW CURB.	3/LC-2.0
27	LIGHT POLE. SEE ELECTRICAL PLANS FOR MORE INFORMATION.	
28	RIGHT OF WAY CONCRETE SIDEWALK PER CITY STANDARD ST-17. SEE CIVIL PLANS FOR ADDITIONAL INFORMATION.	
29	CONCRETE COLLAR AT LIGHT POLE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.	2/LC-2.4
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33	ROOT BARRIER. DEEP ROOT UB 24-2. AVAILABLE THROUGH DEEP ROOT. PHONE: (415) 781-9700.	4/LP-2.0

SCALE: 1"=20'-0"
0 10 20 40
NORTH

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

99% CONSTRUCTION DOCUMENTS 03/26/2021

NO.	REVISION	BY	DATE

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FOR SHEET SIZE 22" X 34"
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LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 2138 RENEWAL DATE 08-22-18 STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

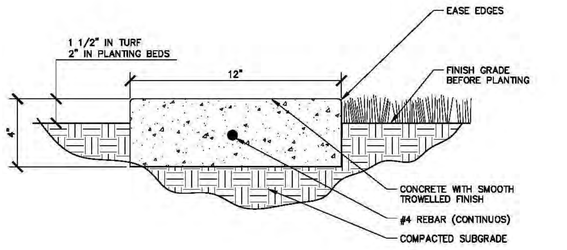
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK LANDSCAPE CONSTRUCTION PLAN

City of Roseville Approval

LC-1.1
SHEET 13 OF 29
DWG. NO. –



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

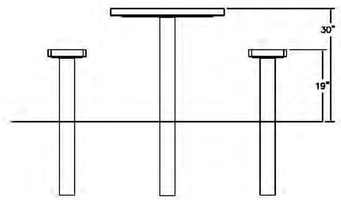
MOWBAND

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–27

NOTES
1. WHERE VEHICULAR SERVICE/MAINTENANCE TRAFFIC WILL CROSS MOWBANDS, CONCRETE SECTIONS SHALL BE THICKENED TO 8" (SELECT AREAS ONLY).
2. PROVIDE 1/2" SCORE JOINTS AT 20' O.C.

1 MOWBAND
NO SCALE



NOTES
1. INSTALL FOOTINGS PER MANUFACTURERS RECOMMENDATIONS.

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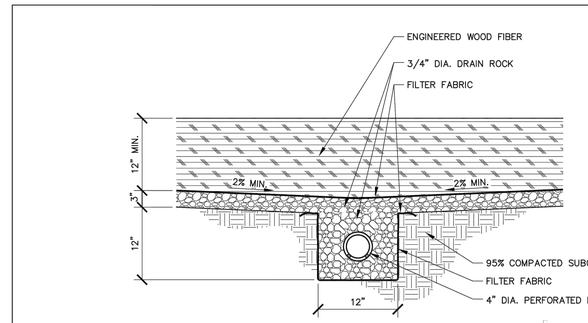
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PICNIC TABLE AND BENCH INSTALLATION HEIGHTS

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–24

2 PICNIC TABLE AND BENCH INSTALLATION HEIGHTS
NO SCALE



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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PLAY AREA
PERFORATED PIPE DRAIN

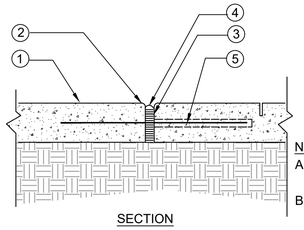
SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–38

NOTES
1. PERFORATED PIPE SHALL BE LAID IN A HERRINGBONE PATTERN AND CONNECTED TO A DRAIN INLET.
2. LOCATE ALL CLEAN OUTS OUTSIDE PLAY AREA WITHIN PLANTING/TURF AREAS.

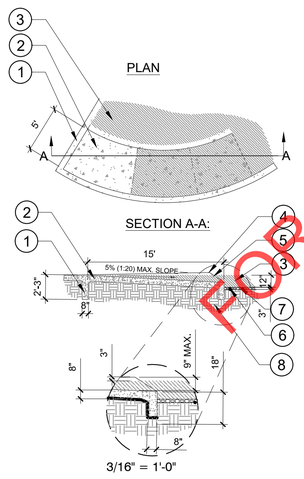
3 PLAY AREA PERFORATED PIPE DRAIN
NO SCALE

LEGEND:
1. CONCRETE PAVING
2. 1/8 " RADIUS - 1/4" DEPTH TOOLED EDGE
3. 1/4" FELT EXPANSION JOINT
4. POLYURETHANE SEALANT 'SONNEBORN' SL-2 SLOPE GRADE - CONFORM TO ASTM C920 TYPE M - GRADE T
5. 1/2" X 12" LONG #4 SMOOTH DOWEL AT 24" ON CENTER, LOCATE HORIZONTALLY IN CENTER OF SLAB, PAPER-WRAP ONE END.



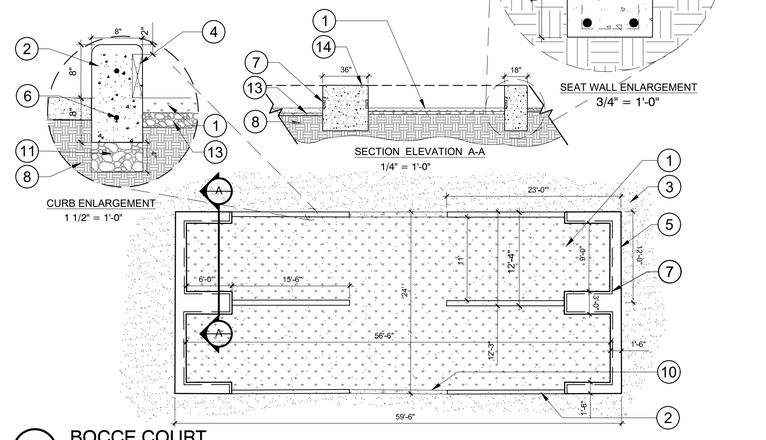
NOTES:
A. SEE LANDSCAPE CONSTRUCTION PLAN FOR EXPANSION JOINT LOCATIONS
B. DO NOT USE EXPANSION JOINTS EXCEPT AT ANY INTERFACE OF VERTICAL TO HORIZONTAL PAVING
C. SAND DRESS ALL EXPANSION JOINTS. COLOR TO MATCH ADJACENT CONCRETE. PROVIDE SAMPLE OF SEALANT WITH SAND APPLIED FOR APPROVAL.

4 EXPANSION / CONTROL JOINT
NO SCALE



LEGEND:
1. PLAY AREA CURB. SEE DETAIL 4/LC-2.1
2. CONCRETE PAVING
3. ENGINEERED WOOD FIBER
4. 2" RADIUS ON ALL EXPOSED CURB EDGES
5. TRANSITION CURB HEIGHT AT 2:1 SLOPE AT PATH TERMINUS
6. 3/4" DIA. CLEAN DRAIN ROCK
7. FILTER FABRIC
8. 95% COMPACTED SUBGRADE

5 PLAY AREA ACCESS RAMP
1/8" = 1'–0"



LEGEND:
1. ARTIFICIAL BOCCE TURF 'HEAVENLY GREENS' WITH INTEGRATED CUSHION, PER MANUFACTURER'S RECOMMENDATIONS.
2. 8" HT X 8" WIDE CONCRETE CURB.
3. DECOMPOSED GRANITE, PER CONSTRUCTION PLAN.
4. 2" X 6" TIMBERTECH AZEK VINTAGE COLLECTION, COASTLINE COLOR COMPOSITE INSET BUMPER FASTENED TO CONCRETE CURB WITH CONCRETE ANCHORS AT 3 FT. O.C. PROVIDE 1/8" ON ALL SIDES FOR THERMAL EXPANSION.
5. 18" X 18" POUR IN PLACE CONCRETE SEAT WALL
6. #3 REBAR, HORIZONTAL CONTINUOUS.
7. 2" X 6" TIMBERTECH AZEK VINTAGE COLLECTION, COASTLINE COLOR INSET FASCIA FASTENED TO CONCRETE SEAT WALL WITH CONCRETE ANCHORS AT 3 FT. O.C. PROVIDE 1/8" SPACE ON ALL SIDES FOR THERMAL EXPANSION OF COMPOSITE LUMBER.
8. NATIVE SUBGRADE, COMPACTED TO 90% RELATIVE COMPACTION.
9. #4 REBAR, HORIZONTAL, 15" O.C.
10. 6" HT X 8" WIDE CONCRETE CURB.
11. 4" DEPTH COMPACTED AGGREGATE BASE.
12. #4 REBAR, VERTICAL, 18" O.C.
13. 2" DEPTH CLASS II BASE
14. 18" X 18" POUR IN PLACE CONCRETE SEAT WALL

6 BOCCE COURT
1" = 10'

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NOT FOR CONSTRUCTION OR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE: HORIZ: – VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 3/22/2021
DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT — KEVIN A. SCHMIDT — No. 5743 — EXPIRATION DATE: 08-31-19 — RENEWAL DATE: 08-22-18 — DATE — STATE OF CALIFORNIA

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

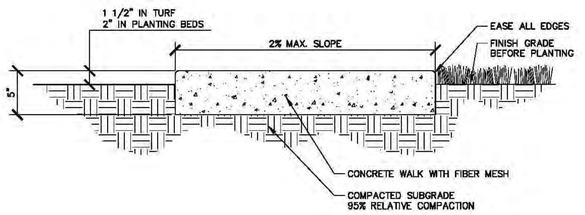
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE CONSTRUCTION DETAILS

City of Roseville Approval

LC-2.0
SHEET 14 OF 29
DWG. NO. –



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

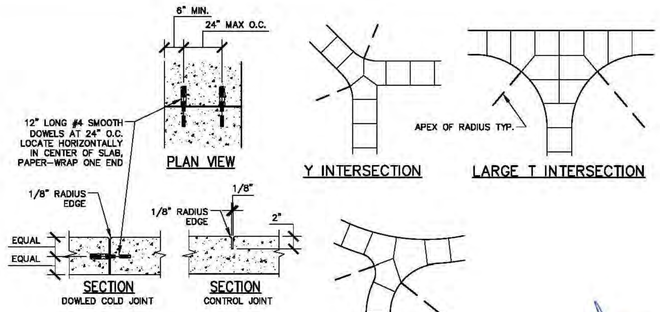
CONCRETE PAVING

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–31

NOTES
1. PROVIDE CONROL JOINTS 2" DEEP AT INTERVALS THE WIDTH OF THE WALK.
2. CLASS "A" SIX SACK CONCRETE.
3. MEDIUM BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL UNLESS OTHERWISE SPECIFIED.

1 CONCRETE PAVING
NO SCALE



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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

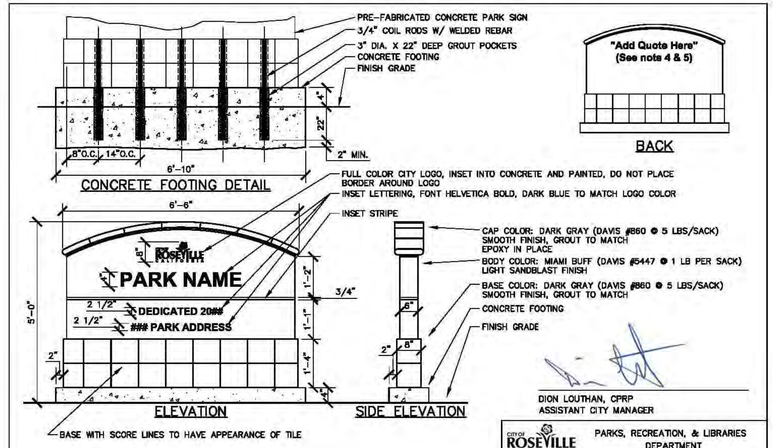
CONTROL JOINTS

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–32

NOTES
1. CONTROL JOINTS SHALL NOT DIVIDE CONCRETE INTO SHAPES CONTAINING AN INTERIOR ANGLE OF 45 DEGREES OR LESS.
2. JOINTS SHALL BE SPACED EQUAL TO THE WIDTH OF THE PATH. EXAMPLE: A 10 FT. WIDE PATH SHALL HAVE JOINTS SPACED AT 10 FT. O.C.

2 CONTROL JOINTS
NO SCALE



DION LOUTHAN, CPRP
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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

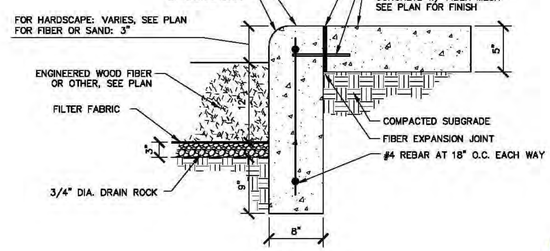
PARK IDENTIFICATION SIGN

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–28

NOTES
1. CONSULT PROJECT MANAGER FOR CITY OF ROSEVILLE LOGO SPECIFICATIONS.
2. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO SIGN CONSTRUCTION.
3. CONSTRUCT CONCRETE FOOTING PER MANUFACTURER'S SPECIFICATIONS.
4. COORDINATE PARK NAME, DEDICATION YEAR, ADDRESS AND QUOTE ON BACK OF SIGN WITH PROJECT MANAGER PRIOR TO PLACING ORDER.
5. QUOTE ON BACK OF SIGN: INSET LETTERING, 2–1/2" TALL, FONT HELVETICA, DARK BLUE.

3 PARK IDENTIFICATION SIGN
NO SCALE



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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

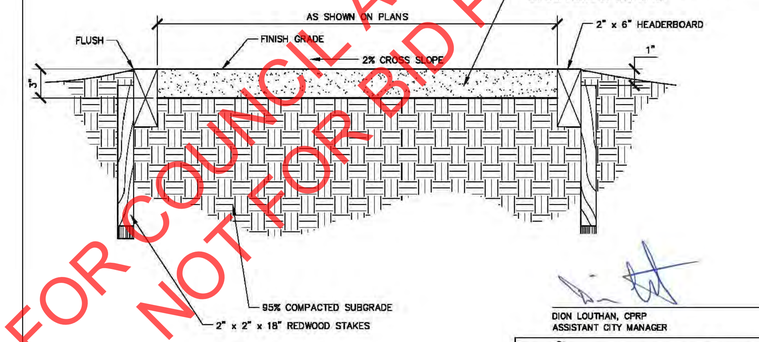
PLAY AREA CONCRETE CURB

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–36

NOTES
1. INSTALL TYPE 3 CONCRETE CURB AND CONCRETE PAVING. PROVIDE 18" SMOOTH DOWELS AT 24" O.C.
2. PROVIDE VERTICAL SCORE JOINTS (1" DEEP) AT HORIZONTAL SCORE LINES. ALIGN WITH SIDEWALK.

4 PLAY AREA CONCRETE CURB
NO SCALE



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

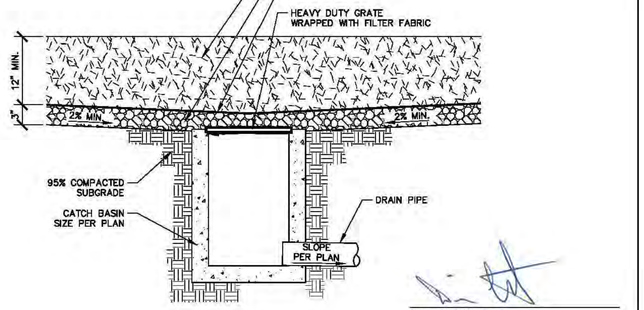
DECOMPOSED GRANITE PAVING

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–33

NOTES
1. CONTRACTOR TO SUBMIT SAMPLE OF LIGHT TAN OR CALIFORNIA GOLD DECOMPOSED GRANITE FOR APPROVAL BY CITY.

5 DECOMPOSED GRANITE PAVING
NO SCALE



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PLAY AREA DRAIN

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–37

6 PLAY AREA DRAIN
NO SCALE

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NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE: HORIZ: – VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT — GLENN A. SCHMIDT — No. 5185 — EXPIRATION DATE 08-31-19 — DATE 08-22-18 — STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
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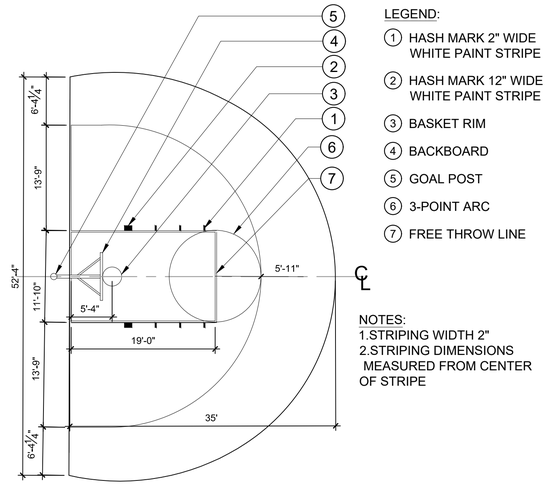
IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK LANDSCAPE CONSTRUCTION DETAILS

City of Roseville Approval

LC-2.1
SHEET 15 OF 29
DWG. NO. –

99% CONSTRUCTION DOCUMENTS 03/26/2021



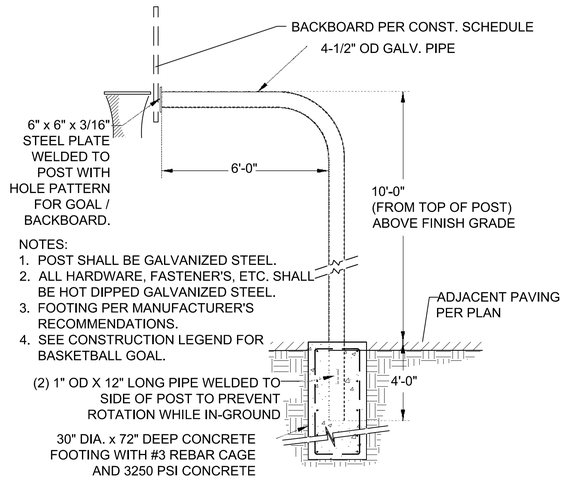
LEGEND:

1. HASH MARK 2" WIDE WHITE PAINT STRIPE
2. HASH MARK 12" WIDE WHITE PAINT STRIPE
3. BASKET RIM
4. BACKBOARD
5. GOAL POST
6. 3-POINT ARC
7. FREE THROW LINE

NOTES:
1.STRIPING WIDTH 2"
2.STRIPING DIMENSIONS MEASURED FROM CENTER OF STRIPE

1 BASKETBALL COURT KEY STRIPING PLAN

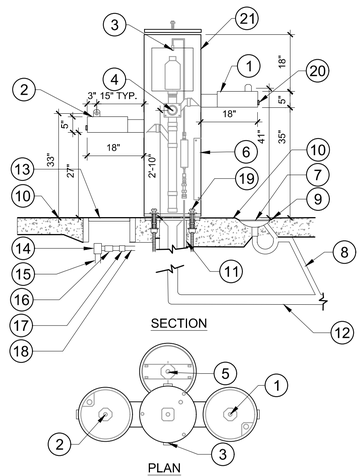
1" = 10'



NOTES:
1. POST SHALL BE GALVANIZED STEEL.
2. ALL HARDWARE, FASTENER'S, ETC. SHALL BE HOT DIPPED GALVANIZED STEEL.
3. FOOTING PER MANUFACTURER'S RECOMMENDATIONS.
4. SEE CONSTRUCTION LEGEND FOR BASKETBALL GOAL.

2 BASKETBALL POST AND FOOTING

NO SCALE



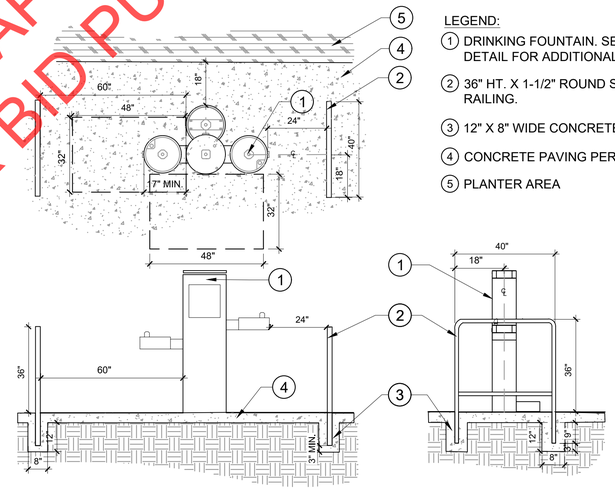
LEGEND:

1. HIGH DRINKING BASIN
2. LOW DRINKING BASIN FOR ACCESSIBILITY. PROVIDE A MINIMUM 4' CLEARANCE ON ALL SIDES.
3. BOTTLE FILLER WITH PUSH BUTTON
4. PUSH BUTTON FOR PET FOUNTAIN ON OPPOSITE SIDE
5. PET FOUNTAIN
6. ACCESS DOOR
7. 8" ROUND CAST IRON DRAIN WITH GRATE, ZURN #Z-742-VP. CONNECT TO SANITARY SEWER
8. 2" MIN. PVC DRAIN LINE.
9. SLOPE CONCRETE TO DRAIN
10. FINISH GRADE
11. 6 5/8" SCHEDULE 40 PVC SLEEVE. VERIFY SIZE PRIOR TO INSTALLATION.
12. 3" MINIMUM CONNECT TO SANITARY SEWER. SEE PLANS.
13. B-16 CONCRETE VALVE BOX
14. LEAD-FREE ANGLE GATE VALVE, LINE SIZE. INSTALL SCH 40 PVC PIPE FROM P.O.C. TO GATE VALVE AT DRINKING FOUNTAIN.
15. SCH 80 PVC OR COPPER SUPPLY LINE, SIZE AS NOTED ON PLANS.
16. PLUGGED TEE, LINE SIZE. TEE TO BE INSTALLED FACING UP.
17. WATER STRAINER, WRAP WITH INSULATION.
18. STAINLESS STEEL BRAID HOSE, LINE SIZE TO FOUNTAIN CONNECTION.
19. ANCHORED INSIDE OF PEDESTAL
20. STAINLESSS STEEL VALVE WITH O-RING
21. 10" STAINLESS STEEL PIPE

NOTES:
1. PROVIDE LINE SIZE TWO WAY CLEAN OUT EVERY 100' ON SANITARY SEWER LINE UPSTREAM OF Y.
2. 10" STAINLESS STEEL SURFACE CARRIER REQUIRED.
3. FOUNTAIN BASE PER MANUFACTURER' SPECIFICATIONS.
4. LOCATION OF DRINKING FOUNTAIN "ON" BUTTON SHALL BE DETERMINED VIA THE SUBMITTAL PROCESS

3 DRINKING FOUNTAIN

1/2" = 1'-0"



LEGEND:

1. DRINKING FOUNTAIN. SEE DRINKING FOUNTAIN DETAIL FOR ADDITIONAL INFORMATION.
2. 36" HT. X 1-1/2" ROUND STEEL SAFETY RAILING.
3. 12" X 8" WIDE CONCRETE FOOTER
4. CONCRETE PAVING PER PLANS.
5. PLANTER AREA

4 SAFETY RAILING AT DRINKING FOUNTAIN

3/8" = 1'-0"

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99% CONSTRUCTION DOCUMENTS 03/26/2021

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RECORD DRAWING DATE: -

SCALE: HORIZ: - VERT: -

PROJECT NO. -

CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 5239 — EXPIRES 08-31-19 — RENEWAL DATE — 08-22-16 — DATE — STATE OF CALIFORNIA — NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
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IMPROVEMENT PLANS FOR:

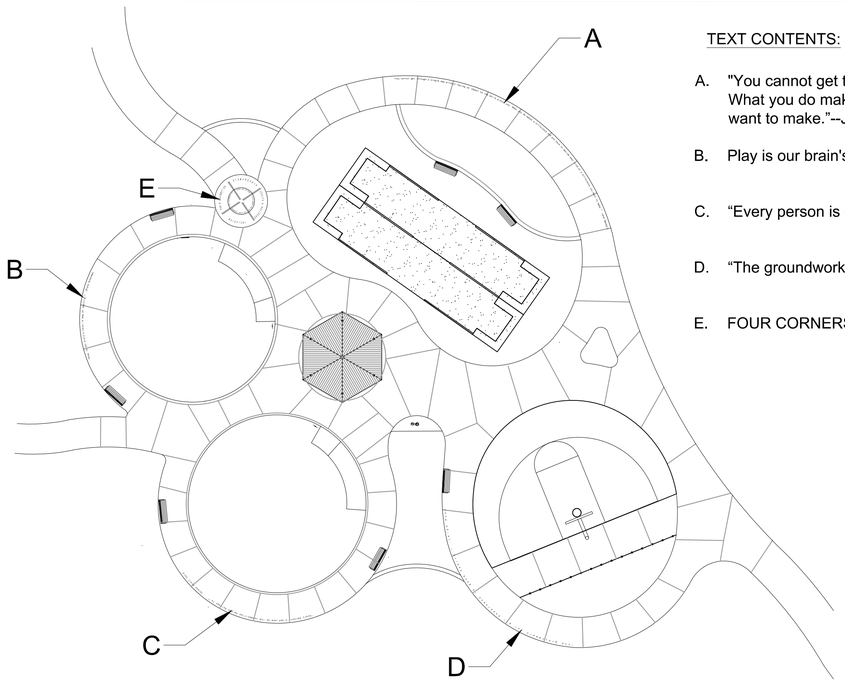
FOUR CORNERS PARK LANDSCAPE CONSTRUCTION DETAILS

City of Roseville Approval

LC-2.2

SHEET 16 OF 29

DWG. NO. -



TEXT CONTENTS:

A. "You cannot get through a single day without having an impact on the world around you. What you do makes a difference and you have to decide what kind of a difference you want to make."--Jane Goodall

B. Play is our brain's favorite way of learning. -Diane Ackerman

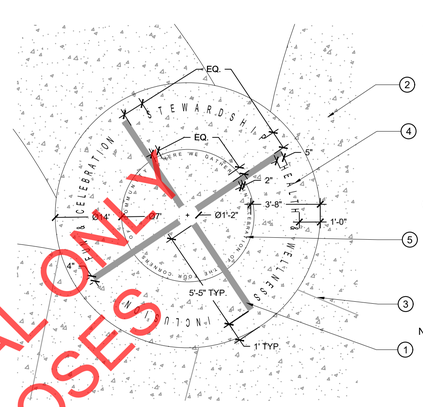
C. “Every person is defined by the communities she belongs to.” - Orson Scott Card

D. “The groundwork for all happiness is good health.” - Leigh Hunt

E. FOUR CORNERS TEXT. REFER TO DETAIL 2/LC-2.3 FOR ENLARGEMENT

1 PAVING TEXT LOCATION PLAN

1" = 20'



LEGEND:

1. COLORED CONCRETE PAVING PER PLAN
2. NATURAL GRAY CONCRETE PER PLAN
3. SCORE LINE PER PLAN
4. 6" SAND BLASTED TEXT SEGMENT, 1/4" DEPTH. FONT: ARIAL. STAIN TEXT GRAY COLOR. ALIGN TEXT ALONG ARC. OFFSET 6" FROM CIRCUMFERENCE OF CONCRETE CIRCLE AREA AS SHOWN. CONTRACTOR TO SUBMIT SAMPLE COLOR TO LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE FOR APPROVAL PRIOR TO APPLICATION.
5. 2" SAND BLASTED TEXT SEGMENT, 1/4" DEPTH. FONT: GARAMOND. STAIN TEXT GRAY COLOR. ALIGN TEXT ALONG ARC. OFFSET 3'-0" FROM CIRCUMFERENCE OF CONCRETE CIRCLE AREA AS SHOWN. CONTRACTOR TO SUBMIT SAMPLE COLOR TO LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE FOR APPROVAL PRIOR TO APPLICATION.

NOTES:

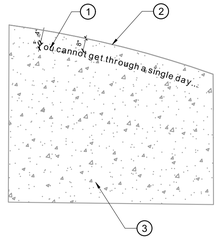
1. ALL TEXT TO BE UPPERCASE
2. REFER TO DETAIL 1/LC-2.3 FOR LOCATION INFORMATION.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION

OUTER TEXT CONTENT:
- a: STEWARDSHIP
- b: HEALTH & WELLNESS
- c: INCLUSION
- d: FUN & CELEBRATION

INNER TEXT CONTENT:
- A: HERE WE GATHER
- B: IN CELEBRATION OF
- C: THE FOUR CORNERS
- D: OF COMMUNITY

2 SAND BLASTED TEXT FOUR CORNERS

1/4" = 1'-0"



LEGEND:

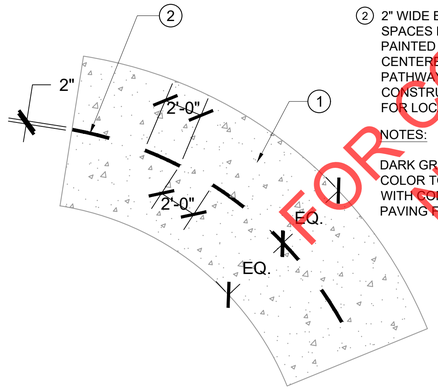
1. 4" SAND BLASTED TEXT SEGMENT, 1/4" DEPTH. FONT: ARIAL. STAIN TEXT GRAY COLOR. ALIGN TEXT ALONG ARC OFFSET 8" FROM OUTER EDGE OF CONCRETE. CONTRACTOR TO SUBMIT SAMPLE COLOR TO LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE FOR APPROVAL PRIOR TO APPLICATION.
2. OUTER EDGE OF CONCRETE PAVING
3. NATURAL GRAY CONCRETE PER PLAN

NOTES:

1. REFER TO PAVING TEXT LOCATION PLAN 1/ LC-2.3 FOR MORE INFORMATION
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION

3 SAND BLASTED TEXT QUOTES

1/4" = 1'-0"



LEGEND:

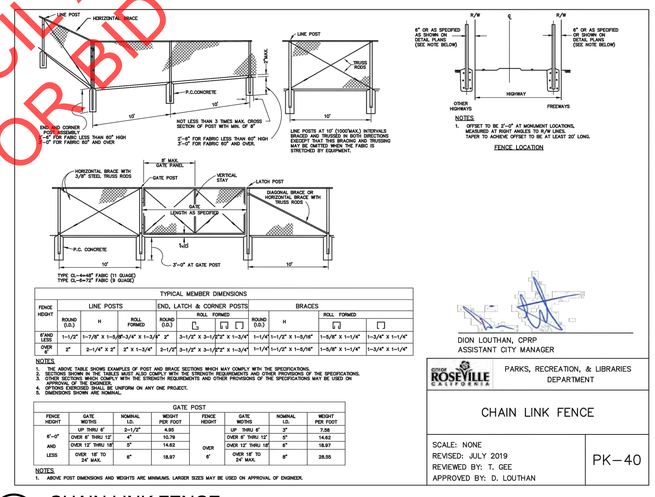
1. GRAY CONCRETE PAVING PER CONSTRUCTION PLAN.
2. 2" WIDE BY 2' WITH 2 SPACES DASHED PAINTED LINE CENTERED IN PATHWAYS. REFER TO CONSTRUCTION PLAN FOR LOCATION.

NOTES:

DARK GRAY PAINT COLOR TO CONTRAST WITH CONCRETE PAVING FOR VISIBILITY.

4 PAINTED TRICYCLE TRACK

1/4" = 1'-0"



TYPICAL MEMBER DIMENSIONS

FENCE HEIGHT	LINE POSTS			END, LATCH & CORNER POSTS				BRACES			
	ROUND (I.D.)	H	ROLL FORMED	ROUND (I.D.)	ROLL FORMED			ROUND (I.D.)	H	ROLL FORMED	
6'AND LESS	1-1/2"	1-7/8" X 1-5/8"	1-3/4" X 1-3/4"	2"	3-1/2" X 3-1/2"	2" X 1-3/4"	1-1/4"	1-1/2"	1-5/8" X 1-1/4"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"
OVER 6'	2"	2-1/4" X 2"	2" X 1-3/4"	2"	3-1/2"	3-1/2" X 3-1/2"	2" X 1-3/4"	1-1/4"	1-1/2" X 1-5/16"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"

NOTES:
1. SECTIONS ABOVE TABLE SHOWN EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS.
3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER.
4. OPTIONAL DESIGNS SHALL BE UNIFORM ON ANY ONE PROJECT.
5. DIMENSIONS SHOWN ARE NOMINAL.

GATE POST

FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT	FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT
6'-0" AND LESS	UP THRU 4'	2-1/2"	4.85	OVER 6' LESS	UP THRU 6'	3"	7.58
	OVER 6' THRU 12'	4"	10.79		OVER 6' THRU 12'	5"	14.62
	OVER 12' THRU 18'	5"	14.62		OVER 12' THRU 18'	6"	18.97
	OVER 18' TO 24' MAX.	6"	18.97		OVER 18' TO 24' MAX.	8"	28.55

NOTES
1. ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS. LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER.

DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

PARKS, RECREATION, & LIBRARIES DEPARTMENT

CHAIN LINK FENCE

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-40

5 CHAIN LINK FENCE

NTS

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NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -

SCALE: HORIZ: - VERT: -

PROJECT NO. -

CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 3491 EXPIRES 08-31-19 RENEWAL DATE 08-22-18 DATE STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK LANDSCAPE CONSTRUCTION DETAILS

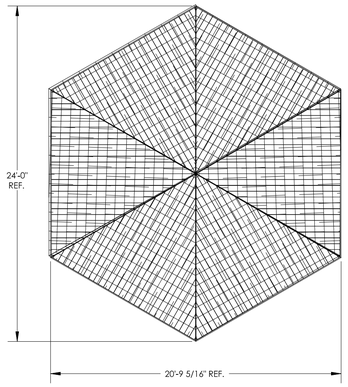
City of Roseville Approval

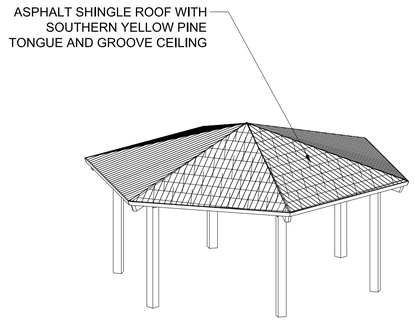
LC-2.3

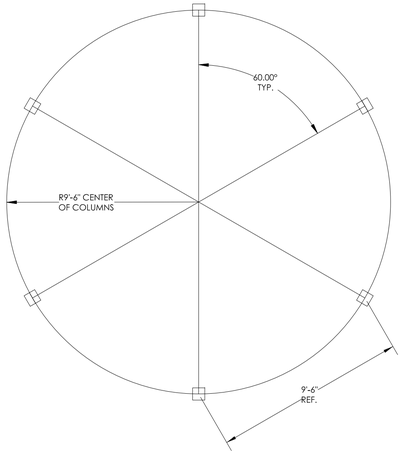
SHEET 17 OF 29

DWG. NO. -

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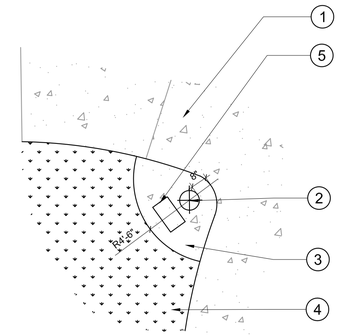




NOTES:

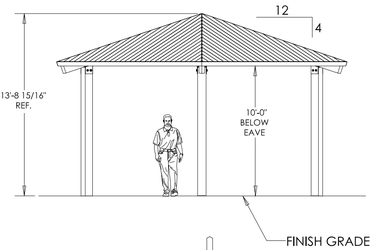
A. CUSTOM PERGOLA WITH 6 STEEL COLUMNS, TREATED GLUELAM WOODEN TRUSSES AND PURLINS, STRUCTURAL STEEL, HOT DIPPED GALVANIZED CONNECTION PLATES AND STRUCTURAL FASTENERS, 2X6 SYP TONGUE AND GROOVE PRIMARY ROOF, ASPHALT SHINGLES WITH FELT AND TRIM. 4:12 PITCH ROOF. 10'-0" UNDER EAVE HEIGHT. ALL STEEL FINISHED WITH BLACK POWDER COAT.
B. STRUCTURE AVAILABLE THROUGH POLIGON (616) 399-1963.
C. SHADE STRUCTURE TO BE SURFACE MOUNTED TO ENHANCED SUBTERRANEAN FOOTING, PER MANUFACTURER.
D. SEE PLANS AND DETAILS FOR SITE CONTEXT.
E. FOOTING AND MOUNTING REQUIREMENTS, AND STRUCTURAL DETAILS PER MANUFACTURER.
F. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
G. MANUFACTURER TO PROVIDE FULLY ENGINEERED PLANS AND CALCULATIONS BY CALIFORNIA LICENSED ENGINEER OF THE STRUCTURE AND FOOTING FOR CITY PERMITTING BY CONTRACTOR ONCE STRUCTURE DEPOSIT HAS BEEN RECEIVED.

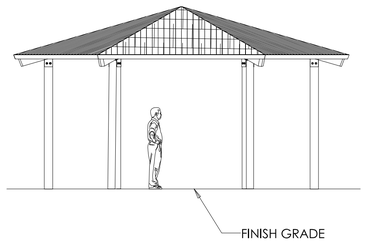
PLAN



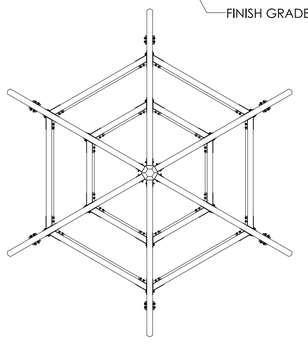
LEGEND:

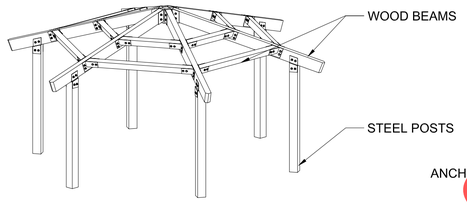
1. CONCRETE WALKWAY
2. LIGHT FIXTURE
3. CONCRETE COLLAR
4. TURF AREA
5. PULL BOX

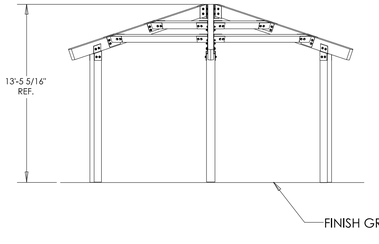


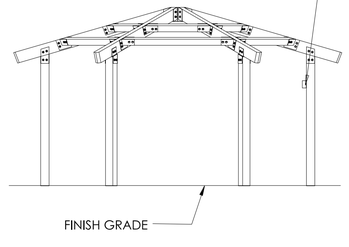


THE CONTRACTOR SHALL PROVIDE THE SHADE STRUCTURE IN PLACE, INCLUDING ROOFING AND FOOTING. CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE PERMIT ASSOCIATED WITH DESIGN, CONSTRUCTION AND INSTALLATION OF THE SHADE STRUCTURE. CONTRACTOR SHALL PROVIDE FOOTING DESIGN INCLUDING STAMPED STRUCTURAL DRAWINGS AND CALCULATIONS FOR THE FOOTING AND STRUCTURE. DESIGN DRAWINGS AND CALCULATIONS IN COMPLIANCE WITH THE DSD PERMITTING SHALL BE SUBMITTED TO THE CITY OF ROSEVILLE DEVELOPMENT SERVICES DIVISION FOR PERMITTING. CONTRACTOR SHALL PAY FOR ALL FEES REQUIRED FOR REVIEW AND PERMITTING.



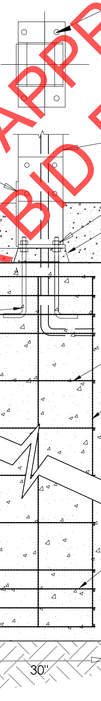






1 SIX-SIDED SHELTER (PER SEPERATE PERMIT)

NTS

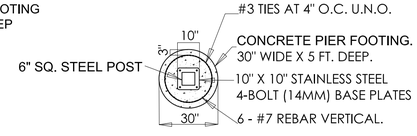


NOTE:
ANCHOR BOLT DESIGN VALUES REQUIRE THAT FOOTING CONCRETE EXTEND A MINUMUM OF 12" INCHES FROMM THE CENTER OF THE COLUMN TO THE EDGE OF THE FOOTING. (MIN. FOOTING DIAMETER= 24")

FOR BIDDING PURPOSES ONLY

FOOTING DESIGN BY POLIGON
MATERIAL BY OTHERS

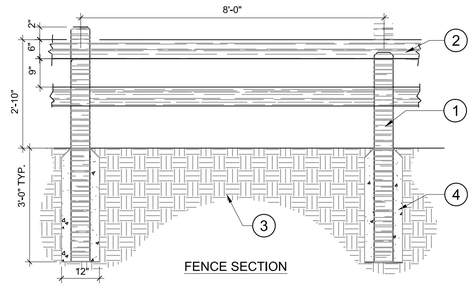
TYP ANCHOR BOLT CONNECTION AND FOOTING SECTION



FOOTING PLAN

2 CONCRETE COLLAR FOR LIGHT POLE

1/4" = 1'-0"



FENCE SECTION

LEGEND:

1. 5" x 5 1/2" CONCRETE POST; EARTH TONE BROWN COLOR
2. 2" x 5 1/2"" x 7'-11" CONCRETE RAILING
3. 90% COMPACTED SUBGRADE
4. CONCRETE FOOTING

NOTES:

A. SECURE FENCE RAIL WITH EPOXY
B. CONTRACTOR TO SUBMIT COLOR CHIP(S) OF 'BROWN' TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

3 CONCRETE SPLIT RAIL FENCE

1/2" = 1'-0"

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poligon®

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -

SCALE HORIZ: -
SCALE VERT: -

PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT
GLENN A. SCHMIDT No. 2539
EXPIRATION DATE
08-31-19
RENEWAL DATE
08-22-18
DATE
STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
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CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE CONSTRUCTION DETAILS

City of Roseville Approval

LC-2.4

SHEET 18 OF 29

DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR.
BMS	BUILDING MANAGEMENT SYSTEM.
BTR	IT BUILDING TELECOM ROOM.
CATV	CABLE TELEVISION.
CR	CRITICAL EMERGENCY BRANCH.
D	DEPTH, DEEP.
DIA	DIAMETER.
(E)	EXISTING.
E.EM	EMERGENCY
EF	EXHAUST FAN.
EMS	ENERGY MANAGEMENT SYSTEM.
EPO	EMERGENCY POWER OFF.
EQ	EQUIPMENT EMERGENCY BRANCH.
FAAP	FIRE ALARM REMOTE ANNUNICATOR PANEL.
FABP	FIRE ALARM SIGNAL BOOSTER PANEL.
FACP	FIRE ALARM CONTROL PANEL.
FC()	FIRE ALARM CABINET, DESIGNATION AS NOTED.
FO	FIBER OPTIC.
GFCI	GROUND FAULT CIRCUIT INTERRUPTER.
GFI	GROUND FAULT INTERRUPTER.
GND	GROUND.
H	HEIGHT, HIGH.
HVAC	HEATING, VENTILATING, AIR CONDITIONING EQUIPMENT.
IAP	INTRUSION ALARM PANEL.
IDF	INTERMEDIATE DISTRIBUTION FRAME.
IDF()	INTERMEDIATE DISTRIBUTION FRAME, DESIGNATION AS NOTED.
IG	ISOLATED GROUND.
LCP	LIGHTING CONTROL PANEL.
LS	LIFE SAFETY EMERGENCY BRANCH.
MDF	MAIN DISTRIBUTION FRAME.
MM	MULTI-MODE FIBER.
MT	EMPTY CONDUIT WITH PULL CORD.
MTC	CONDUIT WITH WIRING AS INDICATED OR AS REQUIRED.
(N)	NEW
NA	NOT APPLICABLE.
NIC	NOT IN CONTRACT.
NIES	NOT IN ELECTRICAL SECTION OF THESE PLANS AND SPECIFICATIONS.
NL	NIGHT LIGHT.
NPA	NATIONAL PURCHASING AGREEMENT.
NSA	NATIONAL SERVICE AGREEMENT.
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED.
OFOI	OWNER FURNISHED OWNER INSTALLED.
OH	OVERHEAD
OL	OUTSIDE LIGHT.
OS	OCCUPANCY SENSOR.
OSP	OUTSIDE PLANT.
PA	PUBLIC ADDRESS SYSTEM.
PR	PAIR.
(R)	REMOVE.
SB	STANDBY.
SHLD	SHIELDED.
SM	SINGLE-MODE FIBER.
STP	SHIELDED TWISTED PAIR.
TBD	TO BE DETERMINED.
TER	IT MAIN CAMPUS TELECOM ROOM.
TR	IT TELECOM ROOM.
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED.
UTP	UNSHIELDED TWISTED PAIR.
VFCI	EQUPMENT VENDOR FURNISHED, CONTRACTOR INSTALLED.
VFVI	EQUIPMENT VENDOR FURNISHED, EQUIPMENT VENDOR INSTALLED.
W	WIDTH, WIDE.
WG	WIRE GUARD.
WP	WEATHERPROOF.

CITY OF ROSEVILLE STANDARDS

INSTALLATION SHALL COMPLY WITH CITY OF ROSEVILLE, PARKS DESIGN & CONSTRUCTION STANDARDS JULY 2017.

1 LIGHT FIXTURES SHALL NOT BE PLACED IN TURF AREAS.

2 PATHWAY SECURITY LIGHTING SHALL UTILIZE 2 SEPARATE CIRCUITS.

3 METERED SERVICE PEDESTALS SHALL BE APPROVED BY THE METERING DEPT.

4 REFER TO POLE LIGHT DETAIL WITH CONCRETE COLLAR, #PK-29.

5 SERVICE PEDESTAL SHALL BE TESCO 24-200-LBS OR EQUAL ACCEPTED BY THE CITY'S ELECTRIC DEPT.

6 ELECTRONIC ASTRONOMICAL TIME SWITCH SHALL BE INTERMATIC #E8115C OR EQUAL.

GENERAL NOTES:

1. ALL RECEPTACLES HAVE CIRCUIT ID ON COVERPLATE WITH TYPEWRITTEN CLEAR TYPE, SAMPLE "HA-11". CLEAN SURFACE BEFORE APPLICATION.
2. CAP ALL EMPTY CONDUITS FOR FUTURE USE WATERTIGHT WITH MANUFACTURERS END CAP, EITH PULL STRING ATTACHED.
3. ALL MOUNTING HEIGHTS NOTED ARE TO CENTER OF DEVICE UNLESS OTHERWISE NOTED. VERIFY DEVICE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN, ESPECIALLY AT COUNTER LOCATION.
4. PROVIDE A SEPARATE GROUND WIRE (IN ADDITION TO THE METALLIC CONDUIT GROUND) IN ALL FEEDERS AND BRANCH CIRCUITS.
5. ALL CONDUITS AND BOXES ON THE EXTERIOR SHALL BE PAINTED TO MATCH THE ADJACENT FINISH.
6. ALL WIRING SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED.
7. JUNCTION BOXES, CABINETS, EQUIPMENT ENCLOSURES, SWITCHES, PANELS, ETC. INSTALLED OUTDOORS, OR IN WET OR DAMP LOCATIONS, SHALL BE RATED NEMA-3R FOR OUTDOOR ENVIRONMENTS. PROVIDE MINIMUM 1/4" AIR GAP BETWEEN ENCLOSURE AND WALL SURFACE. PROVIDE GALVANIZED METAL CHANNELS FOR MOUNTING ENCLOSURE ONTO WALL AS REQUIRED.
8. ALL WIRES ARE COPPER U.O.N.
9. POWER AND LIGHTING WIRE INSULATION SHALL BE THHN (DRY) AND THWN (WET) INSTALLED IN CONDUIT U.O.N.
10. CONDUITS ABOVE GRADE SHALL BE EMT OR RIGID STEEL (RMC). WHERE FLEXIBILITY IS REQUIRED, CONDUITS ABOVE GRADE INDOORS SHALL BE FLEXIBLE METAL CONDUIT (FMC) AND OUTDOORS SHALL BE LIQUID-TIGHT FLEXIBLE METAL CONDUIT (LFMC). CONDUITS BELOW GRADE OR IN CONTACT WITH EARTH SHALL BE PVC-40.
11. ACCESSIBLE AND/OR EXPOSED HARDWARE SHALL BE TAMPERPROOF INCLUDING BUT NOT LIMITED TO HARDWARE AT: POLE LIGHT ACCESS COVER, POLE BASE COVER, PULLBOX HOLD DOWN BOLTS, SERVICE PEDESTAL, JUNCTION BOXES, RECEPTACLE BOXES, CANOPY LIGHT FIXTURES, ETC.
    A. TAMPERPROOF HARDWARE IS NOT REQUIRED FOR THE LIGHT FIXTURES HIGHER THAN 10 FT. ABOVE THE GROUND LOCATED ON POLES.
    B. COORDINATE WITH THE CITY OF ROSEVILLE ON THE TYPE OF TAMPERPROOF HARDWARE TO BE USED.
    C. PROVIDE (3) SETS OF KEYS FOR EACH TYPE OF TAMPERPROOF HARDWARE.
12. EXPOSED CONDUIT SHALL BE RIGID STEEL CONDUIT WITH THREADED FITTINGS. EMT MAY BE USED 10 FT. A.F.F.

ELECTRICAL SYMBOLS LIST

- SINGLE LUMINAIRE POLE LIGHT, TENON TOP MOUNT.
- S — 20A SINGLE POLE TOGGLE SWITCH.
- 20 AMP DUPLEX RECEPTACLE +18".
- 20 AMP DOUBLE DUPLEX RECEPTACLE +18".
- 20 AMP DUPLEX RECEPTACLE, DEDICATED CIRCUIT, +18".
- G,WP — RECEPTACLE SUBSCRIPTS:
  G = GFCI TYPE
  WP = WEATHERPROOF, GFCI, WEATHERPROOF LID WITH PLUG INSERTED WITH PADLOCKING HASP.
- J — JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- PANELBOARD.
- TERMINAL CABINET - SIZE AND TYPE AS NOTED.
- CONDUIT CONCEALED BELOW FLOOR OR GRADE.
- CONDUIT CONCEALED IN CEILING OR WALL.
- HOMERUN TO RESPECTIVE PANEL OR TERMINAL.
- INDICATES 1#12 (GREEN) GROUND WIRE; OTHER SIZES AS INDICATED.
- 10 — BRANCH CIRCUIT WITHOUT FURTHER DESIGNATION IS A 2#12 WIRE CIRCUIT.
  FOR MORE THAN 2#12 WIRES AS FOLLOWS: 3#12, 4#12, ETC.
  FOR OTHER SIZES AS FOLLOWS: 3#10, 4#6, ETC. IN ADDITION, PROVIDE EQUIPMENT GROUND CONDUCTOR SIZED PER THE CIRCUIT PROTECTION DEVICE.
- EXISTING CONDUIT RUN TO REMAIN "AS-IS".
- EXISTING CONDUIT RUN TO BE REMOVED OR ABANDONED.
- EQUIPMENT IDENTIFICATION TAG. (N.I.E.S.) CONNECT AS REQUIRED.
  SUBSCRIPTS AS FOLLOWS:
  GO = GATE OPERATOR
  IR = IRRIGATION CONTROLLER
- FUSED DISCONNECT SWITCH, HEAVY DUTY, BLADE TYPE, SIZE AND TYPE AS REQUIRED. PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- NON-FUSED DISCONNECT SWITCH, HEAVY DUTY, BLACK TYPE, SIZE & TYPE AS REQUIRED.
- T — TRANSFORMER.
- 2B · A — LIGHT FIXTURE DESIGNATION, LETTER INDICATES TYPE, NUMBER INDICATES QUANTITY, NO NUMBER INDICATES A QUANTITYY OF ONE.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

HARRY A. YEE & ASSOCIATES, INC.
ELECTRICAL ENGINEERS
4920 FREEPORT BLVD., SUITE D
SACRAMENTO, CALIFORNIA 95822
TEL: 916.454.5319
HYA Job #2024

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE: HORIZ: - VERT: -
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 3/12/2021

DESIGNED: TY
DRAWN BY: SKF
CHECKED: TY

REGISTERED PROFESSIONAL ENGINEER TOM W. YU No. E13780 Exp. 6/30/21 ELECTRICAL STATE OF CALIFORNIA

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
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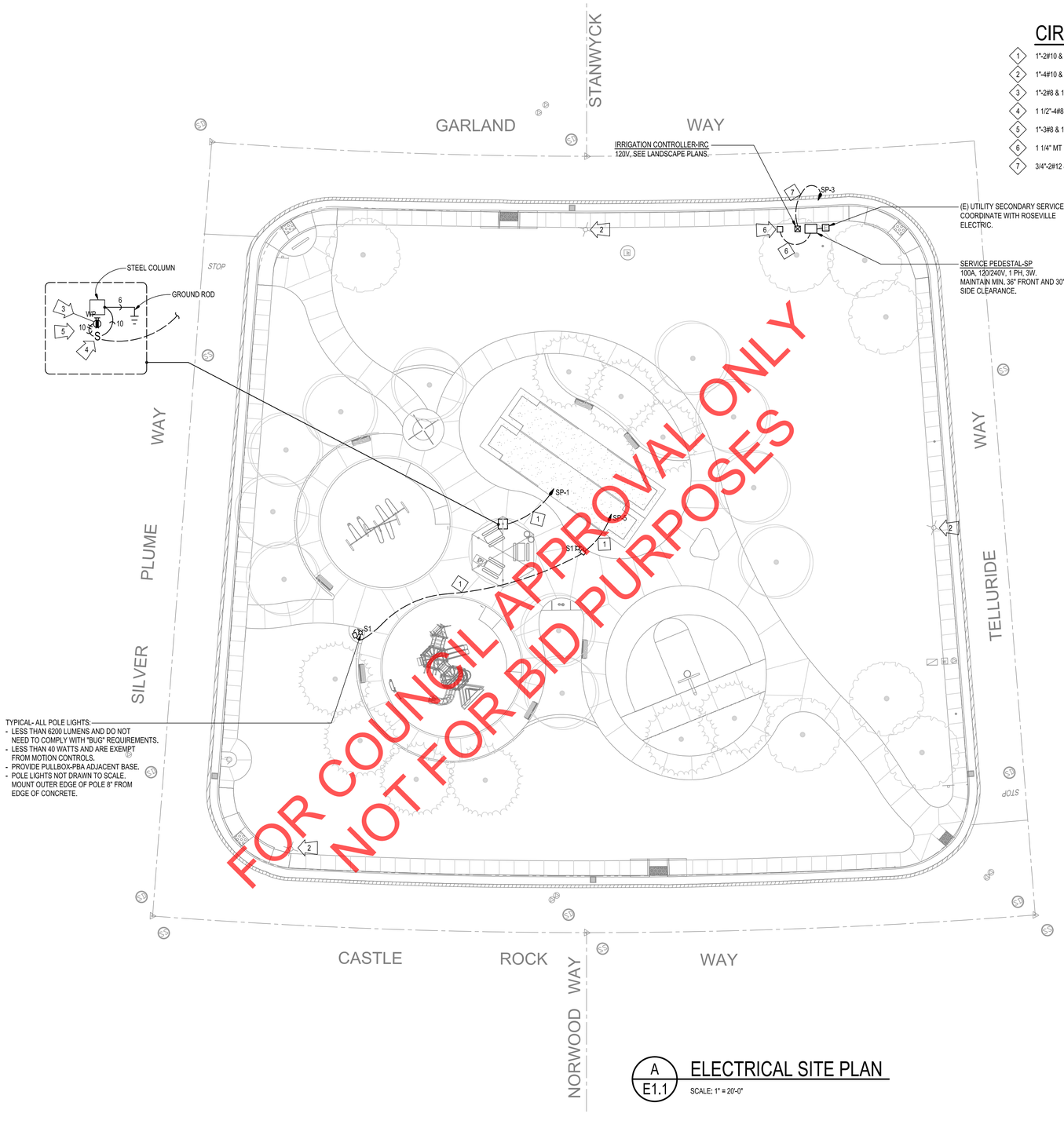
IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
ELECTRICAL SYMBOLS AND NOTES

City of Roseville Approval

E0.1
SHEET 19 OF 29
DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021



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CIRCUIT NOTES:

1. 1"-2#10 & 1#10 (GND).
2. 1"-4#10 & 1#10 (GND).
3. 1"-2#8 & 1#10 (GND).
4. 1 1/2"-4#8 & 1#10 (GND).
5. 1"-3#8 & 1#10 (GND).
6. 1 1/4" MT
7. 3/4"-2#12 & 1#12 (GND).

CONSTRUCTION NOTES:

1. EXTEND FEEDER FROM (E) SERVICE PULLBOX. SEE ONE LINE DIAGRAM.
2. (E) STREET LIGHT TO REMAIN OR RELOCATED, SEE CIVIL PLANS.
3. RECEPTACLE LOCATED APPROXIMATELY 7 FT AFF ON INSIDE FACE OF STRUCTURE COLUMN. PROVIDE CAST METAL BOX WITH METAL HINGED LID WITH PADLOCKING HASP, WP WITH PLUG INSERTED.
4. SINGLE POLE TOGGLE SWITCH FOR DISCONNECTING MEANS PER CEC 225.31. PROVIDE CAST METAL BOX WITH METAL HINGED LID WITH PADLOCKING HASP. INSTALL ON INSIDE FACE OF COLUMN, BOTTOM OF BOX TO BE +15" AFF.
5. ROUTE CONDUITS INSIDE TUBE STEEL. WHERE THIS IS NOT POSSIBLE, INFORM THE ARCHITECT, ROUTE CONDUIT EXPOSED ON COLUMN, CONDUITS TO BE RIGID STEEL WITH THREADED FITTINGS, USE 2 HOLE STEEL STRAPS AT MAX 2 FT ON-CENTER, PAINT TO MATCH ADJACENT FINISH.
6. PULLBOX-PBBH LABEL "ELECTRIC", TRAFFIC RATED, FOR FUTURE IRRIGATION PUMP. MAX RATING 5.0HP, 240V, 1-PHASE. FUTURE PUMP LOCATION IS TO BE DETERMINED.

SHEET NOTES:

1. TITLE-24 SECTION 130.2, OUTDOOR LIGHTING CONTROLS AND EQUIPMENT:
   - A. 130.2(B): LUMINAIRES OF 6200 INITIAL LUMENS OR GREATER SHALL COMPLY WITH "BUG" REQUIREMENTS, WITH EXCEPTIONS.
   - B. 132.2(C.3): MOTION SENSING CONTROLS:
     1. POLE AND WALL LIGHTS 24 FT OR LESS.
     2. SHALL REDUCE LIGHTING POWER BY 50% BUT NOT EXCEEDING 90%.
     3. DIM OR OFF STATE NO LONGER THAN 15-MIN AFTER AREA IS VACATED, RETURNING LIGHTS TO ALL ON WHEN OCCUPIED.
     4. NO MORE THAN 1500 WATTS CONTROLLED TOGETHER.

     EXCEPTION:
     a. POLE MOUNTED LUMINAIRES NOT EXCEEDING 40 WATTS.
2. MINIMUM SIZE CONDUIT IS 3/4".
3. CONDUITS EXPOSED ABOVE GROUND SHALL BE RIGID STEEL WITH THREADED FITTINGS.

A / E1.1 ELECTRICAL SITE PLAN
SCALE: 1" = 20'-0"

HARRY A. YEE & ASSOCIATES, INC.
ELECTRICAL ENGINEERS
4920 FREEPORT BLVD., SUITE D
SACRAMENTO, CALIFORNIA 95822
TEL: 916.454.5319
HYA Job #2024

SCALE: 1"=20'-0"
0 10 20 40
NORTH

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE HORIZ: - VERT: -
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 3/12/2021
DESIGNED: TY
DRAWN BY: SKF
CHECKED: TY

REGISTERED PROFESSIONAL ENGINEER TOM W. TY No. E13760 Exp. 6/30/21 ELECTRICAL STATE OF CALIFORNIA

SCHMIDT DESIGN GROUP
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PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
ELECTRICAL SITE PLAN

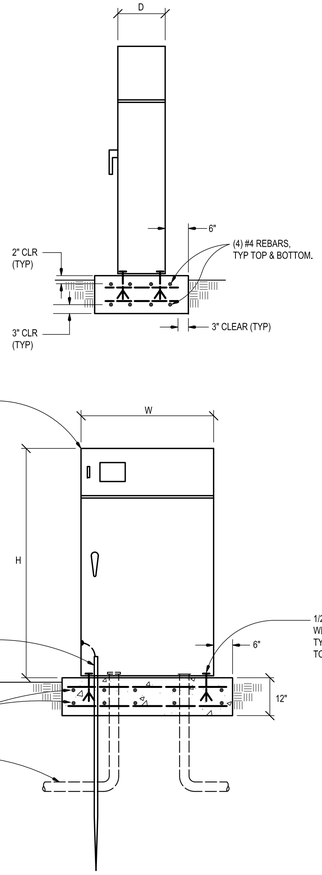
City of Roseville Approval

E1.1
SHEET 20 OF 29
DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021

NOTES:

1. COORDINATE LOCATION OF TOP REINFORCEMENT SO NOT TO CONFLICT WITH INSTALLATION OF HILTI KB-TZ ANCHORS.
2. CONCRETE STRENGTH = 3000 PSI AT 28 DAYS.
3. REBAR = ASTM A615, GRADE 60.
4. METERED ELECTRICAL SERVICE PEDESTAL-ESP. TESCO 24-100-M PER CITY OF ROSEVILLE STNDS. 12-GAUGE STEEL GALVANIZED CABINET, OVEN BAKED POLYURETHANE POWDER COATED FINISH, WELDED CONSTRUCTION, INTERNAL PARTS TO BE 14-GAUGE COLD ROLLED STEEL, STAINLESS STEEL HARDWARE, ALL HINGES TO BE CONTINUOUS PIANO STYLE. ENCLOSURE PULL SECTION, SEPARATE UTILITY METER COMPARTMENT, HINGED DEADFRONT SAFETY DOOR, UL APPROVED COPPER BUSSING OR COPPER WIRE BUSSING, FULLY RATED AIC, AS-BUILT AND ONE LINE DIAGRAM IN CLEAR PLASTIC HELD INSIDE DOOR. MEETS EUSERC, UL508A, NEMA-3R.
   A. RATED UP TO 100A, 120V TO 480V, 1-PHASE OR 3-PHASE.
   B. 12"W x 63"H x 7.25"D.



C / E9.1 — ELECTRICAL SERVICE PEDESTAL DETAIL
NO SCALE

LOAD CALCULATION

LOAD TYPE	LOAD (KVA)	LOAD FACTOR	DEMAND USED		KVA
WALKWAY LIGHTING:	0.1	125%	NO	=	0.13
RECEPTACLES:	1.5	100%	NO	=	1.5
RESTROOM BLDG:	0.0	100%	NO	=	0.0
IRRIGATION PUMP, FUTURE (5 HP, 31 A, 240V, 1-PH):	7.4	100%	NO	=	7.4
IRRIGATION CONTROLLER:	0.3	100%	NO	=	0.3
MISCELLANEOUS EQUIPMENT:	0.0	100%	NO	=	0.0
SINGLE LARGEST MOTOR:	7.4	25%	NO	=	1.9
			TOTAL LOAD	=	11.3

LOAD AMPS AT 240V, 1-PH = 47 AMPS
MAIN BREAKER SIZE = 100/2

LOCATED INSIDE ELECTRICAL SERVICE PEDESTAL

GND NEUT

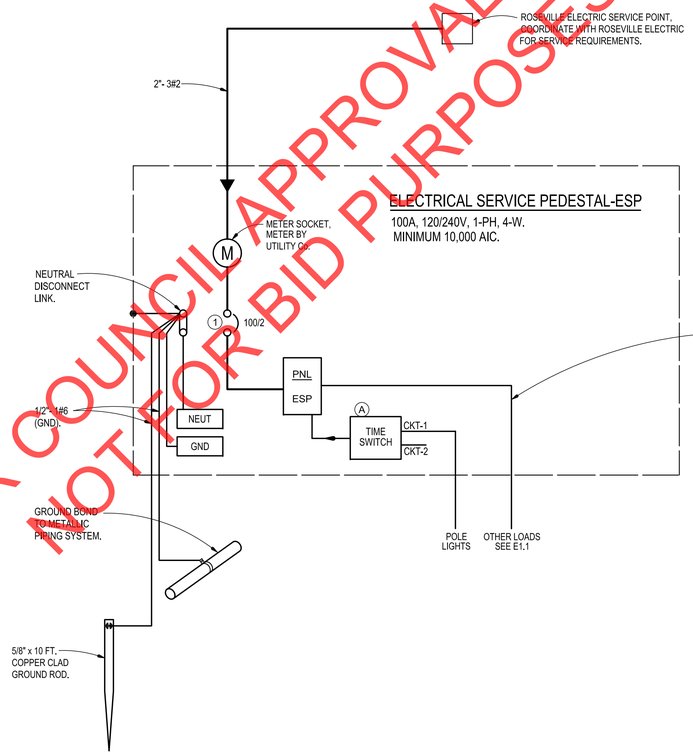
PANEL- SP

MINIMUM AIC: 10,000
TYPE: .
MOUNTING: ☐ FLUSH ☒ SURFACE ☐ FREESTANDING
MISC: .

VOLTAGE: ☐ 120/208 ☐ 480/277 ☒ 120/240
PHASE: ☒ 1-PH, 3-W ☐ 3-PH, 4-W ☐ 3-PH, 3-W
BUSS AMPS: 100 ☐ CU ☐ AL
MAIN AMPS: 100 ☒ MLO ☐ BKR
FED FROM: UTILITY

KVA	USE	BKR	No.	Phase	No.	BKR	USE	KVA
1.5	RECEPTACLES	20/1	1	A	2	20/1	SPARE	.
0.3	IRRIGATION CONTROLLER	20/1	3	B	4	20/1	SPARE	.
0.13	LIGHTING	20/1	5	A	6	1P	SPACE (MIN 60A)	
	SPACE (MIN 60A)	1P	7	B	8			
7.44	FUTURE IRRIGATION PUMP 5HP, 31A	60/2	9	A	10			
			11	B	12			

NON-CONT. LOAD = 9.4 KVA
CONT. LOAD (x 25%) = 0.0 KVA
LARGEST MOTOR X 25% = 1.9 KVA
= 11.3 KVA



ONE LINE DIAGRAM NOTES:

Ⓐ ELECTRONIC TIME SWITCH, INTERMATIC ET2815C OR EQUAL, ASTRONOMIC, 7-DAY/365 DAY W/ DUSK-TO-DAWN, 1-CKT, 120-277 VAC, SPDT 30A, 2-HR OVERRIDE, 100-HR CAPACITOR BACK-UP, STEEL NEMA-1 ENCL, 50 HOLIDAY EVENTS, DAYLIGHT SAVINGS, TITLE-24 CERTIFIED, TITLE-20.

SYSTEM OPERATION:
- AT DUSK TIME SWITCH WILL TURN "ON" ALL LIGHTS.
- AT A TIME TO BE DETERMINED BY THE OWNER (EX. 1-HR AFTER SUNSET, 11 PM), THE LIGHTS WILL BE SWITCHED OFF.
- PROGRAM OPERATION AS DIRECTED BY THE OWNER.

A / E9.1 — ONE LINE DIAGRAM
120/240 VOLTS, 1-PHASE, 3-WIRES
NO SCALE

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

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FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
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IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
ELECTRICAL DETAILS AND DIAGRAMS

City of Roseville Approval

E9.1
SHEET 21 OF 29
DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021

PULL BOX SCHEDULE

SYMBOL	TYPE	LID/COVER	SLAB, BASE	LABEL	SYSTEM	SIZE (in)			REMARKS
						L	W	D	
PBA	N9	N9T	B9SL	LIGHTING	LIGHTING	10	17	12	
PBAH	B1017	61JH	B9SL			10	17	12	H20 RATED
PBB	N9	N9T	B9SL	AS NOTED ON PLANS	VARIOUS	10	17	12	
PBBH	B1017	61JH	B9SL			10	17	12	H20 RATED
PBC	N30	B30-61J	B30SL			13	24	11	
PBCH	B1324	B1724-51JH	B30SL			13	24	11	H20 RATED
PBD	N36	B36-61J	B36SL			17	30	11	
PBDH	B1730	B1730-50JH	B36SL			17	30	11	H20 RATED

NOTES:

1. ALL BOXES SHALL BE BY CHRISTY, OLD CASTLE, OR EQUAL.
2. PROVIDE BOX EXTENSIONS AS REQUIRED FOR DEPTH SHOWN.
3. SIZE ARE APPROXIMATE INSIDE CLEAR DIMENSIONS.
4. GROUND BOND PULL BOXES WITH METAL LIDS OR FRAMES.
5. PULLBOXES TO HAVE HOLD-DOWN BOLTS.

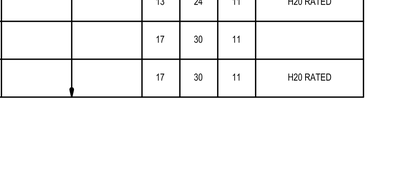
POLE LIGHT SCHEDULE

SYM	LUMINAIRE MANUFACTURER AND CATALOG NUMBER	LAMPS	CCT	DISTR. TYPE	NO. OF FIXT.	MIN. POLE SIZE (IN)	FIXT. EPA (SF)	WIND RATING (MPH)	BASE SIZE			TOTAL HEIGHT D (FT)	DIMMING	FIXTURE WEIGHT, EA (LBS)	FIXTURE WATTS, EA.	CEC DEFAULT	NOTES
									A (IN)	B (FT)	C (FT)						
S1 (FIXT)	HADCO RL54-B-B-N-N-1-A-W-N-N-N-A-2-N-N-N-N-SP1	LED (4985 LUM)	4000K	5 WIDE	1	NA	2.08	NA	NA	NA	NA	NA	NO	55	39	NA	1,2
S1 (POLE)	WHATLEY TR34-14-DE-BLK-TXT-30	NA	NA	NA	NA	NA	6.8 (MAX)	100	-	-	0	14	NA	100 (MAX)	NA	NA	1,3

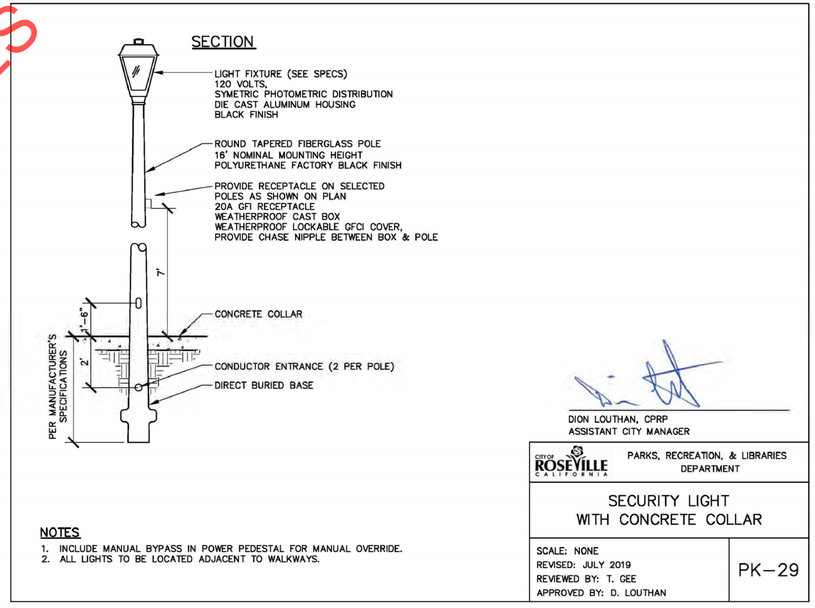
POLE LIGHT SCHEDULE NOTES:

1. FIXTURE AND POLE SHALL BE PER CITY OF ROSEVILLE STANDARDS.
2. WIDE BODY TYPE-5, ROUND FITTER WITH SCALLOPED PETALS, ACORN, HEX FASTENER, BLACK FINISH, 120-277V, 200mA DRIVE CURRENT.
3. DIRECT EMBEDDED, BLACK, NATURAL TEXTURE OF THE REINFORCING STRANDS, TENON 3"OD x 3.75"H. FOR TENON MOUNT, EPA RATING AT 100 MPH WIND + GUST PER ASCE, CALCULATED PER ANSI C136.20-2012.

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES



B / E9.2 CIRCUIT TO POLE LIGHT DETAIL
NO SCALE



NOTES
1. INCLUDE MANUAL BYPASS IN POWER PEDESTAL FOR MANUAL OVERRIDE.
2. ALL LIGHTS TO BE LOCATED ADJACENT TO WALKWAYS.

DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

SECURITY LIGHT WITH CONCRETE COLLAR

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–29

A / E9.2 POLE LIGHT DETAIL
NO SCALE

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IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
ELECTRICAL DETAILS AND SCHEDULES

City of Roseville Approval

E9.2
SHEET 22 OF 29
DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021

IRRIGATION NOTES:

1. THE IRRIGATION SYSTEM DESIGN IS BASED ON AN AVAILABLE WATER PRESSURE OF 50 PSI AT CITY SERVICE. CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION AND REPORT ANY DIFFERENCES TO THE CITY OF ROSEVILLE.
2. THE IRRIGATION SYSTEM IS SHOWN DIAGRAMMATICALLY FOR CLARITY. LOCATE ALL PIPING, VALVES, BACKFLOW PREVENTERS, AND OTHER IRRIGATION EQUIPMENT WITHIN PLANTING AREAS UNLESS NOTED OR DIRECTED OTHERWISE.
3. EXISTING UTILITIES AND FIELD CONDITIONS: PRIOR TO EXCAVATION, LOCATE ALL CABLES, CONDUITS, AND UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AN UNDERGROUND UTILITY SERVICE TO LOCATE AND MARK UTILITIES. CONTRACTOR WILL TAKE PROPER PRECAUTIONS NOT TO DAMAGE OR DISTURB SUCH UNDERGROUND IMPROVEMENTS. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY IF A CONFLICT EXISTS BETWEEN SUCH OBSTACLES AND THE PROPOSED WORK. PROCEED IN SAME MANNER IF ROCK LAYERS OR ANY OTHER CONDITIONS ENCOUNTERED UNDERGROUND MAKE CHANGES ADVISABLE.
4. CONTRACTOR SHALL REVIEW IRRIGATION SPECIFICATIONS PRIOR TO BEGINNING WORK. REFER TO TECHNICAL SPECIFICATIONS AND CONSTRUCTION DETAILS FOR INSTALLATION PROCEDURES.
5. USE TWO WRAPS OF THREE-QUARTER INCH (3/4") TEFLON TAPE FOR ALL THREADED VALVE CONNECTIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTION OF FIELD WIRES TO APPROPRIATE TERMINAL STRIPS. (CONNECT FLOW SENSOR AND MASTER VALVE WIRES TO CONTROLLER PER CITY STANDARDS).
7. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN AREA DIMENSIONS ARE FOUND. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS NECESSARY.
8. THE CONTRACTOR SHALL KEEP AN UP-TO-DATE COMPLETE "AS-BUILT" RECORD SET OF PRINTS WHICH SHALL BE UPDATED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL DESIGN. ALL WORK SHALL BE NEAT AND LEGIBLE.
9. CONTRACTOR SHALL HEAT BRAND ALL PLASTIC VALVES BOXES WITH THE FOLLOWING LABELS. ALL LETTERS SHALL BE ONE INCH (1") HIGH. LETTERING ON VALVE BOX LIDS SHALL BE PLACED ON THE SAME LOCATION ON EACH VALVE BOX LID, AND ALL LABELING SHALL FACE THE SAME DIRECTION.
    - CONTROL VALVE BOXES SHALL BE LABELED PER ASSOCIATION WITH IRRIGATION CONTROLLER
    - QUICK COUPLER VALVE BOXES SHALL BE LABELED "QC"
    - ISOLATION BALL VALVE BOX LID WITH THE LETTERS "BV"
    - STUB OUT BOXES SHALL BE LABELED "SO"
    - CHECK VALVE BOX LID WITH LETTERS "CV"
    - FLOW SENSOR BOX LID WITH THE LETTERS "FS"
    - MASTER VALVE BOX LID WITH "MV"
    - DRIPLINE AIR RELIEF VALVE WITH "AR"
    - AUTOMATIC DRIP SYSTEM FLUSH VALVE WITH "FV"
10. CONTRACTOR WILL BE RESPONSIBLE FOR ANY CITY BUILDING PERMITS OR ENCROACHMENT EASEMENT PERMITS NECESSARY FOR WORK.
11. ALL BOLTS FOR LOCKING VALVE BOX LIDS SHALL BE STAINLESS STEEL.
12. CONTRACTOR WILL PROVIDE TEMPORARY IRRIGATION SYSTEM, OR HAND-WATER EXISTING PLANTING AREAS DURING THE CONSTRUCTION PERIOD. WATERING SHALL BE PERFORMED AT A TIME AS TO NOT INTERFERE WILL NORMAL SCHOOL ACTIVITIES. DISTRICT LANDSCAPE INSPECTOR SHALL BE RESPONSIBLE FOR DETERMINING IRRIGATION NEEDS AND SCHEDULING.
13. WATER COMPANY: CITY OF ROSEVILLE RECYCLED WATER OPERATION AND MAINTENANCE. PHONE NUMBER: (916) 746-1829 (TODD JORDAN).
14. CONTRACTOR SHALL NOT REMOVE ORIGINAL POTABLE WATER BACKFLOWS FEEDING IRRIGATION SYSTEMS UNTIL ALL CROSS CONNECTION TESTS ARE COMPLETED. POTABLE WATER SUPPLY VIA. BACKFLOW IS REQUIRED TO CONDUCT TESTS.
15. CONTRACTOR SHALL COORDINATE WITH CROSS-CONNECTION INSPECTOR BEFORE ANY CONNECTION ON THE IRRIGATION SYSTEM.
16. CALSENSE CONTROLLERS, FLOW SENSOR, MASTER VALVE,PHONE MODEM ALL SHALL BE TESTED AND WRITTEN CERTIFICATION PROVIDED BY CALSENSE TO CITY OF ROSEVILLE PRIOR TO TURN OVER OF PROJECT.
17. SPRAY IRRIGATION IS TO TAKE PLACE ONLY WITHIN THE HOURS OF 8PM AND 10AM.

IRRIGATION AUDIT, IRRIGATION SURVEY, AND IRRIGATION WATER USE ANALYSIS (PER WELO 14.18.080):

A. ALL LANDSCAPE IRRIGATION AUDITS SHALL BE CONDUCTED BY A THIRD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR. LANDSCAPE AUDITS SHALL NOT BE CONDUCTED BY THE PERSON WHO DESIGNED THE LANDSCAPE OR INSTALLED THE LANDSCAPE.
B. IN LARGE PROJECTS OR PROJECTS WITH MULTIPLE LANDSCAPE INSTALLATIONS (i.e., PRODUCTION HOME DEVELOPMENTS) AN AUDITING RATE OF 1 IN 7 LOTS OR APPROXIMATELY 15% OF THE PROJECT'S IRRIGATION VALVES WILL SATISFY THIS REQUIREMENT.
C. FOR NEW CONSTRUCTION AND REHABILITATED LANDSCAPE PROJECTS INSTALLED AFTER DECEMBER 1, 2015, AS DESCRIBED IN WELO SECTION 14.18.030.

1. THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE LOCAL AGENCY THAT MAY INCLUDE, BUT IS NOT LIMITED TO: INSPECTION, SYSTEM TUNE-UP, SYSTEM TEST WITH DISTRIBUTION UNIFORMITY, REPORTING OVERSPRAY OR RUN OFF THAT CAUSES OVERLAND FLOW, AND PREPARATION OF AN IRRIGATION SCHEDULE, INCLUDING CONFIGURING IRRIGATION CONTROLLERS WITH APPLICATION RATE, SOIL TYPES, PLANT FACTORS, SLOPE, EXPOSURE AND ANY OTHER FACTORS NECESSARY FOR ACCURATE PROGRAMMING;
2. THE CITY SHALL ADMINISTER PROGRAMS THAT MAY INCLUDE, BUT NOT BE LIMITED TO, IRRIGATION WATER USE ANALYSIS, IRRIGATION AUDITS, AND IRRIGATION SURVEYS FOR COMPLIANCE WITH THE MAXIMUM APPLIED WATER ALLOWANCE.

CITY OF ROSEVILLE RECYCLED WATER SPECIAL ON-SITE IRRIGATION NOTES:

1. THE INSTALLATION OF THE RECYCLED WATER SYSTEM SHALL CONFORM TO THE REGULATIONS FOR THE CONSTRUCTION OF RECYCLED WATER SYSTEMS WITHIN THE CITY OF ROSEVILLE AND THE ACCOMPANYING PLANS AND SPECIFICATIONS.
2. ALL ON-SITE RECYCLED AND POTABLE WATER PIPING INSTALLED ON THIS PROJECT SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS.
3. CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 774-5750 AND EACH WORKDAY THEREAFTER UNTIL COMPLETION OF PROJECT FOR COMMERCIAL IRRIGATION SYSTEMS. CITY OF ROSEVILLE PARKS DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 746-1758 FOR LANDSCAPE CORRIDORS AND PARKS. A PRE-CONSTRUCTION MATERIALS INSPECTION MUST BE ARRANGED PRIOR TO THE START OF CONSTRUCTION.
4. NO FACILITY IS TO BE BACKFILLED UNTIL INSPECTED BY THE CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT AND/OR PARKS DEPARTMENT INSPECTOR.
5. ALL RECYCLED WATER INFRASTRUCTURE, BOTH ON-SITE AND OFF-SITE SHALL BE INSPECTED BY CITY OF ROSEVILLE DEVELOPMENT SERVICES DEPARTMENT. FOR INSPECTION OF RECYCLED WATER SYSTEM CONTACT DEVELOPMENT SERVICES FORTY-EIGHT (48) HOURS IN ADVANCE. POINTS OF INSPECTION ARE:
    a. PRE-CONSTRUCTION MATERIALS INSPECTION.
    b. IRRIGATION SYSTEM INSTALLATION BEFORE LINES ARE COVERED.
    c. PRESSURE TESTING.
    d. SYSTEM CROSS CONNECTION CONTROL TEST.
    e. SYSTEM COVERAGE TEST.
6. ALL RECYCLED WATER PIPING SHALL BE PURPLE COLORED PVC UNLESS OTHERWISE SPECIFIED. WHERE PURPLE PVC IS NOT USED, PIPE SHALL BE IDENTIFIED (MARKED) IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS.
7. MARKING ON THE PURPLE COLORED PVC PIPE SHALL INCLUDE THE FOLLOWING: "CAUTION: RECYCLED WATER- DO NOT DRINK". NOMINAL PIPE SIZE. PVC--1120. PRESSURE RATING IN POUNDS PER SQUARE INCH AT 73 DEGREES. ASTM DESIGNATIONS SUCH AS 1785, 2241, 1672, 3139. PRINTING SHALL BE PLACED CONTINUOUSLY ON TWO SIDES OF THE PIPE.
8. ALL RECYCLED WATER SPRINKLER CONTROL VALVES, VALVE RISERS, SPRINKLER RISERS, AND SWING JOINTS SHALL BE TAGGED WITH IDENTIFICATION TAGS OR ADHESIVE LABELS.
    a. TAGS SHALL BE WEATHERPROOF PLASTIC, 3" X 4", PURPLE COLOR WITH THE WORDS "WARNING: RECYCLED WATER- DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISA: AGUA IMPURA- NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL.
    b. ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
        1. ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE-WRAP, OR
        2. ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP.
    c. RECYCLED WATER WARNING LABELS OR STICKERS THAT ARE CONSISTENT WITH CITY OF ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS MUST BE ATTACHED TO ALL PIPING NOT IN COMPLIANCE.
    d. ALL SPRINKLER HEADS MUST BE DESIGNED FOR RECYCLED WATER USAGE, WITH PURPLE RECYCLED WATER WARNING CAPS.
    e. SPRINKLER RISERS AND SWING JOINTS SHALL BE IDENTIFIED WITH PURPLE ADHESIVE 3" X 3" LABELS. EACH LABEL SHALL STATE "RECYCLED WATER - DO NOT DRINK" IN ENGLISH AND SPANISH.
9. ALL RECYCLED WATER CONTROL VALVE BOXES SHALL BE PURPLE AND HAVE A WARNING LABEL PERMANENTLY MOLDED INTO OR AFFIXED ONTO THE LID WITH RIVETS, BOLTS, ETC. WARNING LABELS SHALL BE CONSTRUCTED OF A PURPLE WEATHERPROOF MATERIAL WITH THE WARNING PERMANENTLY STAMPED OR MOLDED INTO THE LABEL. THE WARNING SHALL CONTAIN THE FOLLOWING INFORMATION:
    a. "NON-POTABLE" OR "RECYCLED WATER".
    b. "DO NOT DRINK" IN ENGLISH AND SPANISH.
10. RECYCLED WATER QUICK COUPLING VALVES SHALL HAVE A PURPLE RUBBER OR VINYL COVER. THE COVER SHALL BE OF A LOCKING TYPE AND HAVE A WARNING PERMANENTLY STAMPED OR MOLDED AS FOLLOWS: "RECYCLED WATER- DO NOT DRINK" IN ENGLISH AND SPANISH.
11. PLASTIC WARNING TAPE SHALL BE USED ON ALL POTABLE WATER PIPING, POTABLE WATER WARNING TAPE SHALL BE A MINIMUM OF 3 INCHES WIDE AND SHALL RUN CONTINUOUSLY FOR THE ENTIRE LENGTH OF EACH LINE. THE TAPE SHALL BE ATTACHED TO THE TOP OF THE PIPE WITH NYLON TIE-WRAP BANDED AROUND THE WARNING TAPE AND THE PIPE EVERY FIVE FEET ON CENTER. WARNING TAPE FOR THE POTABLE WATER PIPING SHALL BE BLUE IN COLOR WITH WORDS "CAUTION: POTABLE WATER LINE BURIED BELOW" IMPRINTED IN MINIMUM 1-INCH HIGH LETTERS, BLACK IN COLOR. IMPRINTING SHALL BE CONTINUOUS AND PERMANENT.
12. ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN 10 FEET MINIMUM HORIZONTAL SEPARATION FROM ALL POTABLE WATER PIPING. WHERE RECYCLED AND POTABLE WATER PRESSURE MAIN LINE PIPING CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED 12" BELOW THE POTABLE WATER PIPING OD TO OD. WHERE THE RECYCLED WATER PRESSURE MAIN LINE MUST PASS ABOVE POTABLE WATER PIPING, THE RECYCLED WATER PIPING SHALL INSTALLED IN A CLASS 200 PURPLE COLORED PVC SLEEVE WHICH EXTENDS A MINIMUM OF FIVE FEET ON EITHER SIDE OF THE POTABLE WATER PIPING. A 12" VERTICAL SEPARATION OD TO OD MUST BE MAINTAINED. CONVENTIONAL (WHITE) PVC PIPE MAY BE USED FOR SLEEVING MATERIAL IF IT IS TAPED WITH THREE-INCH WIDE PURPLE WARNING TAPE, WHICH READS "RECYCLED WATER- DO NOT DRINK".
13. ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN A TEN FOOT MINIMUM HORIZONTAL SEPARATION FROM ALL SANITARY SEWER LINES. WHERE RECYCLED AND SEWER CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED A MINIMUM OF ONE FOOT ABOVE SEWER.
14. FOR ON-SITE RECLAIMED WATER PIPING, THE MINIMUM DEPTH FROM FINISH GRADE TO TOP OF PIPE SHALL BE AS FOLLOWS:
    INTERMITTENT PRESSURE LINES (ALL SIZES)..... 12"
    CONSTANT PRESSURE LINES 2.5" AND SMALLER..... 18"
    CONSTANT PRESSURE LINES 3" AND LARGER..... 24"
15. PRESSURE AND CROSS CONNECTION TESTING FOR ON-SITE RECYCLED WATER SYSTEMS
    a. ALL TESTING OF RECYCLED WATER SYSTEMS MUST BE PERFORMED UTILIZING A **POTABLE WATER SOURCE** VIA A CONSTRUCTION WATER CONNECTION PER CITY OF ROSEVILLE CONSTRUCTION STANDARDS. **NO RECYCLED WATER MAY ENTER A RECYCLED WATER SYSTEM UNTIL ALL TESTING IS SUCCESSFULLY COMPLETED**.
    b. THE SOURCE OF POTABLE WATER USED FOR TESTING MUST HAVE A METER AND AN APPROVED BACK FLOW PREVENTION DEVICE. THESE CAN BE OBTAINED THROUGH THE CITY OF ROSEVILLE.
    c. THE CONTRACTOR SHALL PROVIDE A MEANS TO PLUMB IN PRESSURE AND CROSS CONNECTION TESTING APPARATUS AT THE POINT OF HIGHEST ELEVATION, FOR BOTH POTABLE AND CONSTANT PRESSURE RECYCLED WATER SYSTEMS.
    d. THE CONSTANT PRESSURE RECYCLED WATER SYSTEM INCLUDING ALL APPURTENANCES SHALL BE TESTED AT 125 PSI AT HIGHEST POINT OF ELEVATION FOR 1 HOUR WITH NO DETECTABLE LEAKAGE.
    e. PRESSURE TESTING MUST BE SUCCESSFULLY COMPLETED PRIOR TO CROSS CONNECTION TESTING.
    f. THE RECYCLED WATER SYSTEM SHALL BE TESTED FOR CROSS-CONNECTION IN ACCORDANCE WITH UNIFORM PLUMBING CODE APPENDIX J PRIOR TO USE.
    g. FOR PROJECTS BEING PERFORMED IN PHASES, A CROSS CONNECTION TEST SHALL BE PERFORMED ON EACH PHASE INDEPENDENTLY, BEFORE IT IS PUT INTO SERVICE. THE POTABLE WATER SOURCE USED FOR TESTING EACH PHASE MUST BE INDEPENDENT OF OTHER PREVIOUSLY COMPLETED PHASES.
    h. AT THE TIME A CROSS CONNECTION TEST IS TO BE PERFORMED, CONSTRUCTION ON BOTH THE POTABLE AND THE RECYCLED WATER SYSTEMS BEING TESTED MUST BE COMPLETE, AND BOTH SYSTEMS FULLY OPERATIONAL AND FUNCTIONING AS DESIGNED.
    i. CROSS CONNECTION TESTING SHALL BE PERFORMED ON THE SYSTEM BY CITY FORCES WITH THE ASSISTANCE OF THE CONTRACTOR. THE TEST WILL BE COORDINATED THROUGH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR. FORTY-EIGHT (48) HOURS NOTICE IS REQUIRED BEFORE THE TEST. DEPENDING ON THE COMPLEXITY OF THE SITE, A PRELIMINARY FIELD MEET MAY ALSO BE REQUIRED.
16. COVERAGE TEST
    a. ADJUST SPRAY HEADS TO ELIMINATE OVERSPRAY ONTO NATIVE OAK AREAS AND INTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE: POOL DECKS, PRIVATE PATIOS, STREETS AND SIDEWALKS.
17. METER INSTALLATION
    a. ONCE THE ON-SITE RECYCLED WATER SYSTEM HAS BEEN PROPERLY INSPECTED AND PASSED PRESSURE AND CROSS CONNECTION TESTING, A METER MAY BE INSTALLED. THE METER MUST BE PURCHASED FROM THE CITY OF ROSEVILLE AND INSTALLED BY CITY FORCES. COORDINATE METER PURCHASE AND INSTALLATION WITH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR.
18. NO CONNECTION SHALL BE MADE TO THE CITY'S EXISTING RECYCLED WATER SYSTEM UNTIL THE NEW FACILITIES HAVE BEEN SUCCESSFULLY PRESSURE AND CROSS CONNECTION TESTED. TAPS TO THE EXISTING RECYCLED SYSTEM WILL BE MADE BY CITY FORCES ONLY.
19. FAILURE TO COMPLY WITH ANY OR ALL OF THE ABOVE GUIDELINES VIOLATES THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND WILL RESULT IN TERMINATION OF SERVICE UNTIL THE APPROPRIATE CORRECTIVE STEPS HAVE BEEN TAKEN.

CRITICAL ANALYSIS

Generated:	2021-03-23 16:23
P.O.C. NUMBER: 01	
* Water Source Information:	City reported ± 65 PSI CITY DESIGN PRESSURE
FLOW AVAILABLE	
Water Meter Size:	1-1/2"
Flow Available:	75.00 gpm
PRESSURE AVAILABLE	
Static Pressure at POC:	65.00 psi
Elevation Change:	5.00 ft
Service Line Size:	6"
Length of Service Line:	20.00 ft
Pressure Available:	63.00 psi
DESIGN ANALYSIS	
Maximum Multi-valve Flow:	50.00 gpm
Flow Available at POC:	75.00 gpm
Residual Flow Available:	25.00 gpm
Critical Station:	9
Design Pressure:	40.00 psi
Friction Loss:	3.34 psi
Fittings Loss:	0.33 psi
Elevation Loss:	0.00 psi
Loss through Valve:	4.21 psi
Pressure Req. at Critical Station:	47.88 psi
Loss for Fittings:	0.32 psi
Loss for Main Line:	3.21 psi
Loss for POC to Valve Elevation:	0.00 psi
Loss for Backflow:	0.00 psi
Loss for Master Valve:	0.82 psi
Loss for Water Meter:	4.90 psi
Critical Station Pressure at POC:	57.13 psi
Pressure Available:	63.00 psi
Residual Pressure Available:	5.87 psi

*CURRENT WATER PRESSURE HAS BEEN REPORTED BY CITY (12/16/20) AT 65-75PSI. PER CITY REQUEST, DESIGN PRESSURE HAS BEEN SET AT 65PSI WITHOUT A PUMP. IF SITE PRESSURE DROPS TO 60PSI OR LESS IN THE FUTURE A PUMP MAY BE REQUIRED. ELECTRICAL SUPPLY FOR FUTURE PUMP INSTALLATION HAS BEEN PROVIDED. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

State of CA Model Water Efficent Landscape Ordinance (MWELO)

Project Name: Four Corners Park

2015 Executive Order EO B-29-15 MWELO (Updated ETWU) - PROJECT WATER USE ANALYSIS

Description	MAWA	ETWU	Hydrozones	
			Special Landscape Area	Total Usage
Total Landscape Area (Square Feet)	**30,241**	Hydrozone Area S.F. (HA)	N/A	30,241 SqFt
Special Landscape Area (SLA)	**30,241**	SLA Hydro Area	30,241	30,241 SqFt
Irrigation Efficiency (IE)	NA	Irrigation Efficiency (IE)	Irr. Type 0.75	
Reference Evapotranspiration (Eto)	51.11	Ref ET (Eto)	51.11	
Plant Factor (PF) - H=.8/.7, M=.6/.5, L=.4/.3, VL=.2/.1	NA	Plant Factor (PF)	1.0	
ET Adjustment Factor (ETAF) for non residential projects	0.45	ETAF (PF/IE)	1.33	
Conversation Factor (Inches to Gallons)	0.62	Conversation Factor (ETAF x Area)	0.62 N/A	N/A SqFt
Eto x .62 x [(ETAF x Land Area) + ((1-ETAF) x SLA)]	**958,282.9**	Eto x .62 x (ETAF x Area)	N/A	N/A Gal/Yr
		ETo x 0.62 x (SLA Area)	958,282.86	958,282.9 Gal/Yr
Total Gallons Per Year	**958,282.9**	**958,282.9**		**958,282.9 Gal/Yr**
		Project Average ETAF	1.0	(Proj. Ave. ETAF < MAWA ETAF)

Anticipated evapotranspiration rates for the site are based on historical averages.
This data is collected from C.I.M.I.S.(California Irrigation Management Information System)
Data from the C.I.M.I.S Station # 131 was used.
IE = All overhead spray = 0.75; Subsurface irrigation such as Bubblers and Drip = 0.81

NOT FOR APPROVAL PURPOSES
NOT FOR CONSTRUCTION
FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE HORIZ: - VERT: -
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021
DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 5638 RENEWAL DATE 08-22-18 DATE STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

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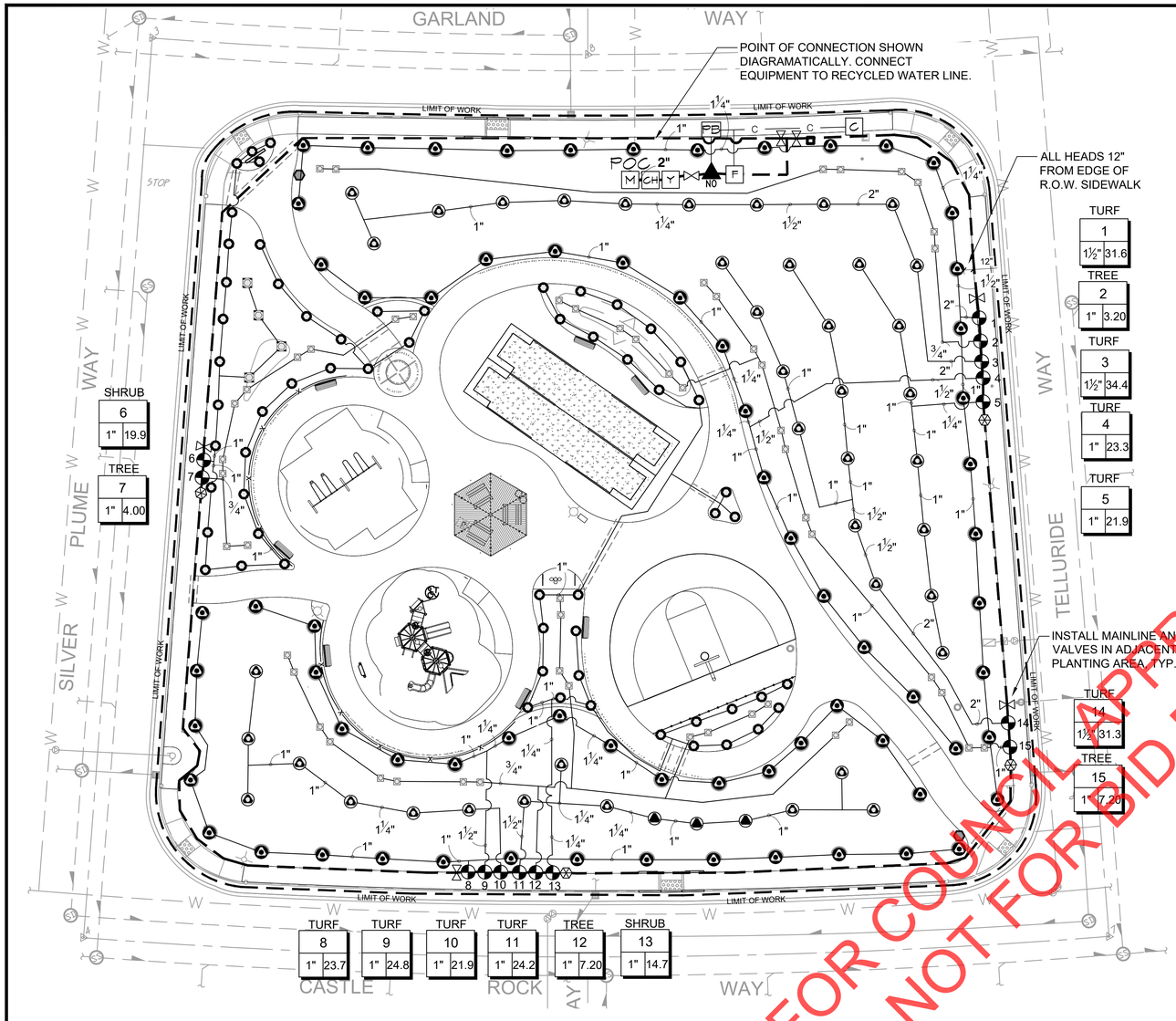
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
LANDSCAPE IRRIGATION NOTES

City of Roseville Approval

LI-1.0
SHEET 23 OF 29
DWG. NO. -

99% CONSTRUCTION DOCUMENTS 03/26/2021



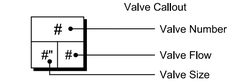
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI	DETAIL
16 ADJ 16 FF	RAIN BIRD R-VAN18 RD-06-SAM-NP TURF ROTARY, 13`-18` 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6.0" POP-UP, WITH CHECK VALVE. 1/2" NPT FEMALE THREADED INLET. W/ NON-POTABLE PURPLE CAP.	40	2/LI-2.1
24 ADJ 24 FF	RAIN BIRD R-VAN24 RD-06-SAM-NP TURF ROTARY, 17`-24` 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 TURF SPRAY BODY ON 6.0" POP-UP, WITH CHECK VALVE. 1/2" NPT FEMALE THREADED INLET. W/ NON-POTABLE PURPLE CAP.	40	
14 ADJ 14 F	RAIN BIRD RD-12-S-NP SHRUB ROTARY, 8`-14` 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 SHRUB SPRAY BODY ON 12.0" POP-UP, W/ CHECK VALVE. 1/2" NPT FEMALE THREADED INLET. W/ NON-POTABLE PURPLE CAP.	40	
R-VAN14 R-VAN14-360	RAIN BIRD RD-12-S-NP SHRUB ROTARY, 8`-14` 45-270 DEGREES AND 360 DEGREES. HAND ADJUSTABLE MULTI-STREAM ROTARY W/RD1800 SHRUB SPRAY BODY ON 12.0" POP-UP, W/ CHECK VALVE. 1/2" NPT FEMALE THREADED INLET. W/ NON-POTABLE PURPLE CAP.	40	
	RAIN BIRD 1800-PA-8S-PCS 15CST-040 SHRUB SPRAY ON FIXED RISER WITH THE PCS SCREENS. USE WITH 1/2" MPT THREADED RISERS.	30	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	DETAIL
	RAIN BIRD PEB-PRS-D-NP-HAN 1", 1-1/2", 2" PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH PRESSURE REGULATOR MODULE, AND PURPLE FLOW HANDLE FOR NON-POTABLE WATER USE. PRESSURE REGULATE AT 40 PSI.	1/LI-2.0
	RAIN BIRD 44-NP-ACME 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, 2-PIECE BODY AND ACME THREAD ON KEY INTERFACE.	6/LI-2.1
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. LINE SIZE UP TO 3".	5/LI-2.1

N0	BUCKNER-SUPERIOR 3100-PRS-RW (NO) 2" 2" NORMALLY OPEN BRASS MASTER VALVE WITH DIRTY WATER PROTECTION AND PRESSURE REGULATION FEATURE. PROVIDE WITH PURPLE CROSS HANDLE FOR RECYCLED WATER USE.	3/LI-2.0
CH	CHECK VALVE SINGLE-CHECK VALVE	2/LI-2.2
C	24 STATION CONTROLLER CS3-24-S/CS3-LR-KIT/FM 1.5B . AVAILABLE THROUGH CALSENSE. CONTACT GEORGE APOSTOLOPOULOS (628) 255-8945. CONTROLLER LOCATED IN STAINLESS STEEL ENCLOSURE. 14 AWG ONLY IN CONDUIT BETWEEN THE FLOW METER AND THE CONTROLLER.	2/LI-2.0
F	FLOW SENSOR CALSENSE FLOW METER (FM-1B). BRONZE.	3/LI-2.0
C C	COMMUNICATIONS CABLE IN CONDUIT 1 1/4" PVC ELECTRICAL CONDUIT IN TRENCH FOR COMMUNICATION WIRES.	5,6/LI-2.0
Y	FILTER AMIAD STEEL SERIES FILTRATION SYSTEMS, STEEL MESH FILTER, TYPE: RED, MATCH LINE SIZE OF RECYCLED WATER METER.	4/LI-2.0
POC	POINT OF CONNECTION CONNECT TO RECYCLED WATER LINE	
	RECYCLED WATER SIGN	1/LI-2.2
PB	WIRE PULL BOX CONCRETE ELECTRICAL PULL BOX	2/LI-2.2
M	WATER METER 1-1/2" CITY REPORTED ± 65 PSI CITY DESIGN PRESSURE	2/LI-2.2
	IRRIGATION LATERAL LINE: PURPLE PVC SCHEDULE 40 SIZE PER PLAN	5,6/LI-2.0
	IRRIGATION MAINLINE: PURPLE PVC SCHEDULE 40 SIZE PER PLAN	
	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVE SIZE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL, 2X PIPE SIZE DIAMETER MINIMUM. EXTEND SLEEVES 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION.	

VALVE CALLOUT:



WATERING SCHEDULE

NUMBER	MODEL	TYPE	PRECIP	SUN	MON	TUE	WED	THU	FRI	SAT	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.44 in/h		51 min		51 min		51 min		1.1	152	4,803	1,601
2	RAIN BIRD PEB-PRS-D-NP-HAN	BUBBLER	0.79 in/h		21 min		21 min		21 min		0.8	61	195.2	65.1
3	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.44 in/h		51 min		51 min		51 min		1.1	151	5,199	1,733
4	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.39 in/h		57 min		57 min		57 min		1.1	169	3,936	1,312
5	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.39 in/h		57 min		57 min		57 min		1.1	170	3,725	1,242
6	RAIN BIRD PEB-PRS-D-NP-HAN	SHRUB ROTARY	0.78 in/h		21 min		21 min		21 min		0.8	62	1,237	412.3
7	RAIN BIRD PEB-PRS-D-NP-HAN	BUBBLER	0.74 in/h		22 min		22 min		22 min		0.8	65	260	86.7
8	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.48 in/h		46 min		46 min		46 min		1.1	138	3,276	1,092
9	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.5 in/h		45 min		45 min		45 min		1.1	133	3,304	1,101
10	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.47 in/h		47 min		47 min		47 min		1.1	141	3,089	1,030
11	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.52 in/h		43 min		43 min		43 min		1.1	129	3,119	1,040
12	RAIN BIRD PEB-PRS-D-NP-HAN	BUBBLER	0.71 in/h		23 min		23 min		23 min		0.8	68	489.6	163.2
13	RAIN BIRD PEB-PRS-D-NP-HAN	SHRUB ROTARY	0.79 in/h		21 min		21 min		21 min		0.8	62	909.4	303.1
14	RAIN BIRD PEB-PRS-D-NP-HAN	TURF ROTARY	0.51 in/h		43 min		43 min		43 min		1.1	129	4,038	1,346
15	RAIN BIRD PEB-PRS-D-NP-HAN	BUBBLER	0.69 in/h		24 min		24 min		24 min		0.8	71	511.2	170.4
		TOTALS:			572		572		572			1,701	38,091	12,697

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	RAIN BIRD PEB-PRS-D-NP-HAN	1-1/2"	TURF ROTARY	31.60	47.42	55.66	0.44 in/h
2	RAIN BIRD PEB-PRS-D-NP-HAN	1"	BUBBLER	3.20	32.31	40.62	0.79 in/h
3	RAIN BIRD PEB-PRS-D-NP-HAN	1-1/2"	TURF ROTARY	34.43	47.3	55.67	0.44 in/h
4	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	23.29	47.65	56.08	0.39 in/h
5	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	21.91	46.19	54.68	0.39 in/h
6	RAIN BIRD PEB-PRS-D-NP-HAN	1"	SHRUB ROTARY	19.95	46.62	55.88	0.78 in/h
7	RAIN BIRD PEB-PRS-D-NP-HAN	1"	BUBBLER	4.00	31.98	41.26	0.74 in/h
8	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	23.74	47.74	56.97	0.48 in/h
9	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	24.85	47.88	57.13	0.5 in/h
10	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	21.91	46.66	55.92	0.47 in/h
11	RAIN BIRD PEB-PRS-D-NP-HAN	1"	TURF ROTARY	24.18	47.3	56.58	0.52 in/h
12	RAIN BIRD PEB-PRS-D-NP-HAN	1"	BUBBLER	7.20	33.48	42.77	0.71 in/h
13	RAIN BIRD PEB-PRS-D-NP-HAN	1"	SHRUB ROTARY	14.67	46.27	55.57	0.79 in/h
14	RAIN BIRD PEB-PRS-D-NP-HAN	1-1/2"	TURF ROTARY	31.30	47.45	56.6	0.51 in/h
15	RAIN BIRD PEB-PRS-D-NP-HAN	1"	BUBBLER	7.20	34.11	43.29	0.69 in/h

SCALE: 1"=20'-0"

0 10 20 40

NORTH

FOR COUNCIL APPROVAL
NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -

SCALE HORIZ: - VERT: -

PROJECT NO. -

CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLEN A. SCHMIDT No. 3539 RENEWAL DATE 08-22-18 DATE STATE OF CALIFORNIA NOT FOR CONSTRUCTION

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316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE IRRIGATION PLAN & SCHEDULE

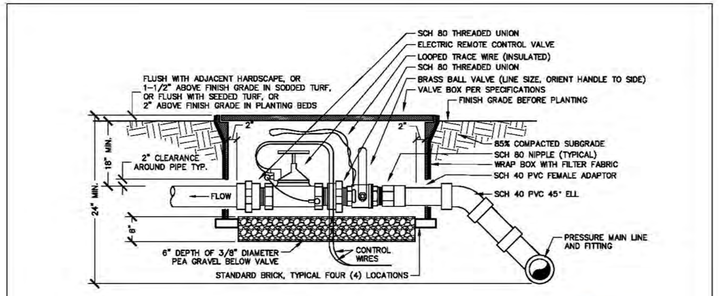
City of Roseville Approval

LI-1.1

SHEET 24 OF 29

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NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. PROVIDE SCHEDULE 80 THREADED UNION ON DOWNSTREAM SIDE.
7. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
8. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
9. ALL ROV'S SHALL BE TAGGED INDICATING STATION #'S.
10. ALL VALVE BOXES SHALL HAVE STATION #'S PERMANENTLY BURNED ON VALVE BOX LIDS.
    MARKINGS SHALL BE AS FOLLOWS:
    TURF VALVES: T#
    LANDSCAPE AREA VALVES: L#
    BUBBLER VALVES: B#
11. ADD RECYCLED WATER IDENTIFICATION TAG TO EACH VALVE.
12. USE A PURPLE VALVE BOX FOR RECYCLED WATER VALVES.

DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

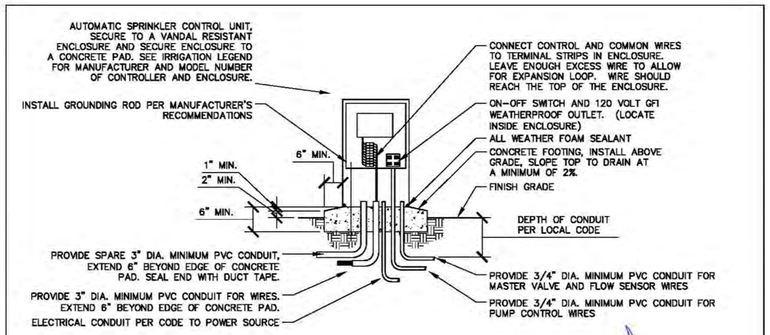
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

VALVE
REMOTE CONTROL AT GRADE

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-15

1 VALVE REMOTE CONTROL AT GRADE
NO SCALE



NOTES

1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE RED IN COLOR. BUNDLE AND TAPE AT INTERVALS OF 10 FT. O. C.
2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER AND REMOTE CONTROL VALVES UNDER 500 LINEAL FEET.
3. ORDER WITH MANUFACTURER'S FACTORY FINISH STAINLESS STEEL.
4. INSULATE AROUND INSIDE BASE OF BOX WITH ALL WEATHER FOAM SEALANT.
5. GROUNDING ROD SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS..
6. GROUND TEST TO BE CONDUCTED AFTER INSTALLATION, NOT TO EXCEED 25 OHMS.
7. MASTER VALVE WIRE SHALL BE BLUE.
8. PROVIDE COLOR CODED MAP OF VALVE LOCATIONS.
9. LABEL FOR RECYCLED WATER

DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

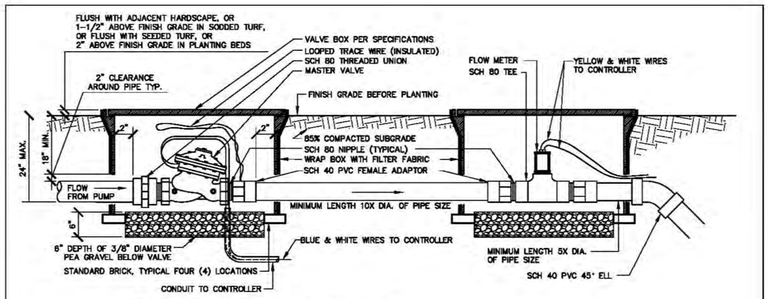
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

CONTROLLER

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-1

2 CONTROLLER
NO SCALE



SCHEMATIC DRAWING FOR TWO FLOW METERS

NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.
2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.
3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.
4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.
5. USE TEFLON TAPE ON ALL MALE THREADS.
6. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.
7. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.
8. FOR USE WITH CALSENSE CONTROLLERS ONLY.
9. ADD RECYCLED WATER IDENTIFICATION TAG TO EACH VALVE.
10. USE A PURPLE VALVE BOX FOR RECYCLED WATER VALVES.

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ASSISTANT CITY MANAGER

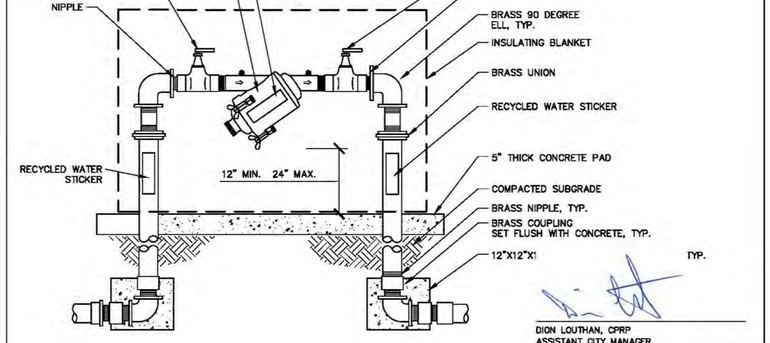
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

MASTER VALVE
CALSENSE

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-2

3 MASTER VALVE CALSENSE
NO SCALE



NOTES

1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
2. LOCATE IN SHRUB/GROUNDCOVER AREA WHENEVER POSSIBLE.
3. PROVIDE INSULATING BLANKET OVER RECYCLED WATER FILTER.
4. PIPE AND FITTINGS 3" OR SMALLER SHALL BE BRASS; 4" OR LARGER SHALL BE DUCTILE IRON.
5. RECYCLED WATER STICKERS SHALL BE PURPLE AND SHALL READ "RECYCLED WATER – DO NOT DRINK"

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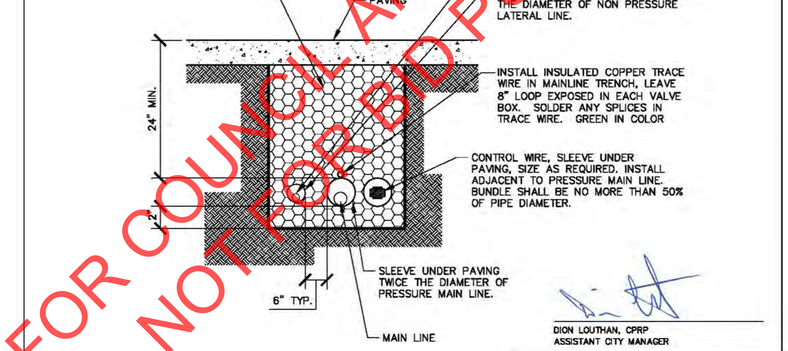
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

RECYCLED WATER
FILTER

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-4

4 RECYCLED WATER FILTER
NO SCALE



NOTES

1. ALL SLEEVES TO BE SCHEDULE 40 PVC.
2. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING.
3. CAP BOTH ENDS OF ALL SPARE SLEEVES AND MARK BOTH ENDS WITH 3M LOCATOR BALLS.
4. INSTALL SPARE SLEEVE UNDER ROADWAYS

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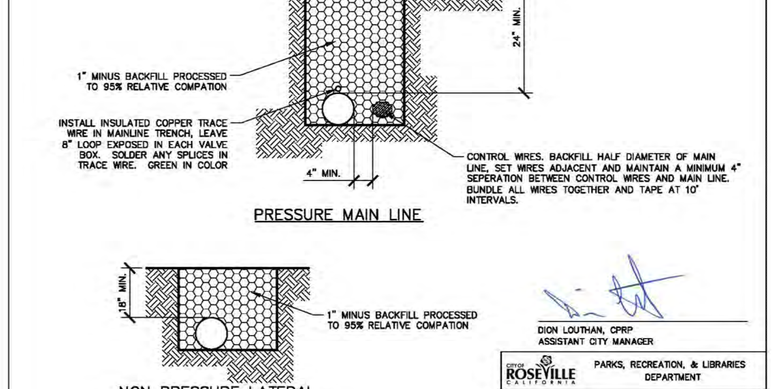
CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PIPE AT PAVEMENT

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-5

5 PIPE AT PAVEMENT
NO SCALE



PRESSURE MAIN LINE

NON PRESSURE LATERAL

NOTES

1. RECLAIMED WATER REQUIRES BURIED TAPE LINE PER PUBLIC WORKS CONSTRUCTION STANDARDS.

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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

PIPE TRENCH

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-6

6 PIPE TRENCH
NO SCALE

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –

SCALE: HORIZ: – VERT: –

PROJECT NO. –

CAD FILE: –

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT — GLENN A. SCHMIDT No. 5678 — EXPIRATION DATE 08-31-19 — RENEWAL DATE 08-22-18 — STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE IRRIGATION DETAILS

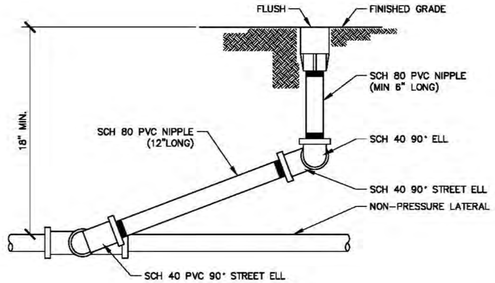
City of Roseville Approval

LI-2.0

SHEET 25 OF 29

DWG. NO. –

99% CONSTRUCTION DOCUMENTS 03/26/2021



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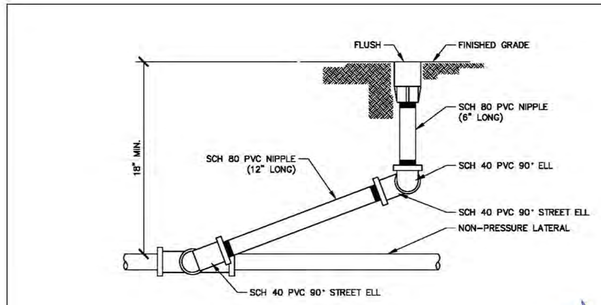
POP-UP ROTOR

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-7

NOTES
1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELO REGULATIONS.
2. LOCATE HEAD 12" FROM ALL STRUCTURES.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
4. SWING JOINT ASSEMBLY PIPE SIZE MUST MATCH INLET SIZE OF SPRINKLER.
5. PREFABRICATED SWING JOINTS ARE ALLOWED, UPON APPROVAL.
6. ADD RECYCLED WATER CAP.

1 POP-UP ROTOR
NO SCALE



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CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

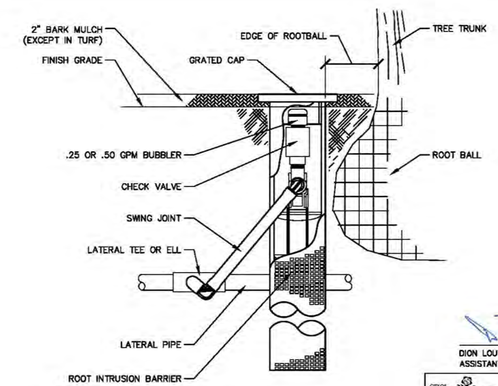
POP-UP SPRAY

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-8

NOTES
1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELO REGULATIONS.
2. LOCATE SPRAY HEADS 12" FROM ALL STRUCTURES IN TURF AREAS AND 6" FROM ALL STRUCTURES IN GROUND-COVER AREAS.
3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
4. PREFABRICATED SWING JOINT ARE ALLOWED, UPON APPROVAL.
5. 6" LONG SCH 80 PVC RISER NIPPLE NOT REQUIRED FOR 12" POPUP HEADS.
6. ADD RECYCLED WATER CAP.

2 POP-UP SPRAY
NO SCALE



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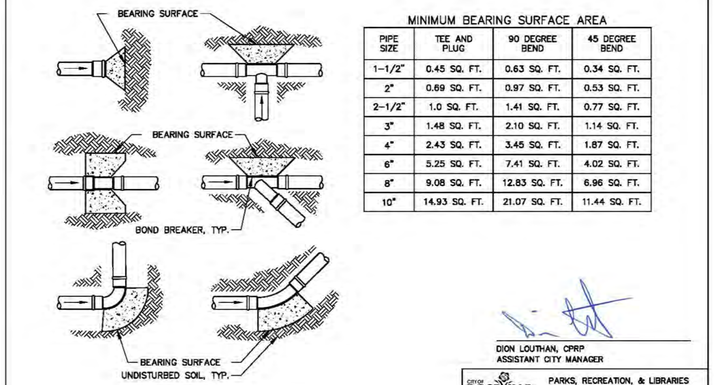
ROOT WATERING SYSTEM

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-9

NOTE
1. INSTALL FILTER FABRIC SLEEVE
2. SEE PLANS AND SPECS FOR APPROVED MANUFACTURERS AND MODEL NUMBERS
3. ADD RECYCLED WATER CAP.

3 ROOT WATERING SYSTEM
NO SCALE



MINIMUM BEARING SURFACE AREA

PIPE SIZE	TEE AND PLUG	90 DEGREE BEND	45 DEGREE BEND
1-1/2"	0.45 SQ. FT.	0.63 SQ. FT.	0.34 SQ. FT.
2"	0.69 SQ. FT.	0.97 SQ. FT.	0.53 SQ. FT.
2-1/2"	1.0 SQ. FT.	1.41 SQ. FT.	0.77 SQ. FT.
3"	1.48 SQ. FT.	2.10 SQ. FT.	1.14 SQ. FT.
4"	2.43 SQ. FT.	3.45 SQ. FT.	1.87 SQ. FT.
6"	5.25 SQ. FT.	7.41 SQ. FT.	4.02 SQ. FT.
8"	9.08 SQ. FT.	12.83 SQ. FT.	6.96 SQ. FT.
10"	14.93 SQ. FT.	21.07 SQ. FT.	11.44 SQ. FT.

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ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

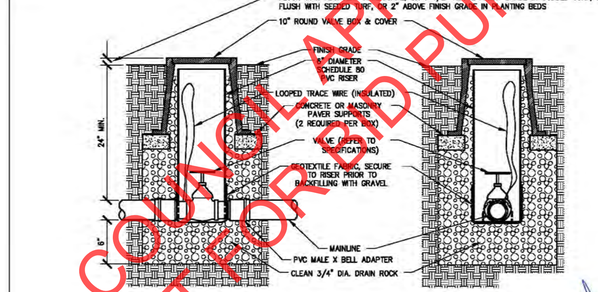
THRUST BLOCKS

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-10

NOTES
1. SIZE THRUST BLOCKS AS SPECIFIED ABOVE.
2. DO NOT ENCASE CONTROL WIRES IN THE CONCRETE.
3. ALL FITTINGS MUST BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO BOLTS OR PIPES.
4. JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.

4 THRUST BLOCKS
NO SCALE



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

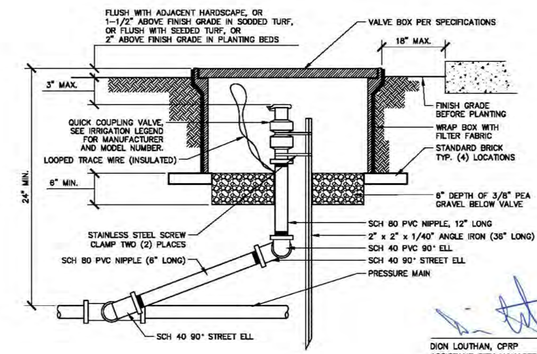
VALVE
3" AND SMALLER

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-11

NOTES
1. COMPACT SOIL AROUND BOX TO 90% MINIMUM COMPACTION.
2. PLACE DRAIN ROCK PRIOR TO INSTALLING VALVE BOX.
3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
4. USE TEFLON TAPE ON ALL THREADED FITTINGS.
5. LOCATE VALVES IN SHRUB/GROUNDCOVER AREAS WHENEVER POSSIBLE.
6. LOOP EXTRA TRACER WIRE UP TO TOP OF BOX.
7. ADD RECYCLED WATER IDENTIFICATION TAG TO EACH VALVE.
8. USE A PURPLE VALVE BOX FOR RECYCLED WATER VALVES.

5 VALVE 3" AND SMALLER
NO SCALE



DION LOUTHAN, CPRP
ASSISTANT CITY MANAGER

CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

VALVE
QUICK COUPLING

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK-14

NOTES
1. INSTALL VALVE BOXES SO THAT THE TOP OF THE BOX IS FLUSH WITH THE TOP OF THE ADJACENT HARDSCAPE.
2. USE TEFLON TAPE ON ALL THREADED CONNECTIONS.

6 QUICK COUPLER
NO SCALE

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -
SCALE: HORIZ: - VERT: -
PROJECT NO. -
CAD FILE: -

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT — GLENN A. SCHMIDT — No. 5331 — RENEWAL DATE 08-22-16 — STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
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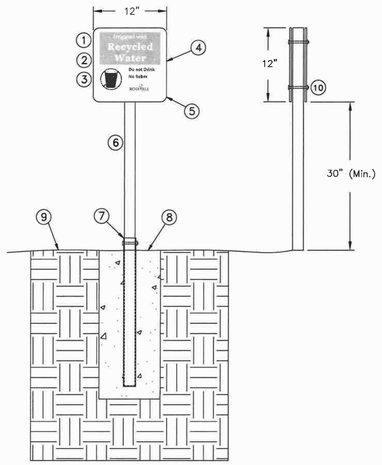
IMPROVEMENT PLANS FOR:

FOUR CORNERS PARK
LANDSCAPE IRRIGATION DETAILS

City of Roseville Approval

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SHEET 26 OF 29
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1) SIGN: BLANKS TO BE ALUMINUM SHEET ALLOY 0.80 GAUGE CORNERS TO HAVE 1" RADIUS ARC. SIGN TO BE PAINTED AS SHOWN WITH REFLECTIVE WHITE BACK. SIGN TO BE DOUBLE SIDED.
2) THE PURPLE AREA AS SHOWN SHALL BE PER THE FOLLOWING: ALL LETTERS WHITE, FONT TYPE GEORGIA, "Irrigated with" SHALL BE 72 PT AND "Recycled Water" SHALL BE 120 PT. BOLD MATCH CASE.
3) INTERNATIONAL "DO NOT DRINK" SYMBOL: BLACK CUP 3" IN HT. SYMBOL WITH RED CIRCLE 3 1/2" DIA. AND SLASH.
4) THE BLACK LETTERING AS SHOWN SHALL BE PER THE FOLLOWING: ALL LETTERS BLACK, FONT TYPE ARIAL AND 60 PT. BOLD, MATCH CASE.
5) CURRENT APPROVED CITY OF ROSEVILLE LOGO PLACED AS SHOWN.
6) 1 3/4" SQUARE PERFORATED STEEL POST POWDER COATED WHITE.
7) 2" SQUARE GALV. STEEL ANCHOR SLEEVE MIN. 24" DEEP. SET SLEEVE 2" ABOVE FINISH GRADE AND PROVIDE HOLES FOR THE 5/16" HEX HEAD CAP BOLT.
8) 10" DIAMETER BY 24" DEEP CONCRETE FOOTING.
9) FINISHED GRADE.
10) 5/16" GALV. STL. HEX HEAD CAP BOLTS WITH NUTS
11) MOUNTING HARDWARE SHALL NOT OBSTRUCT THE VIEW OF ANY LETTERING LOGOS, OR SYMBOLS.
12) FINISHED SIGNS MAY BE PURCHASED FROM ENVIRONMENTAL UTILITIES.

RICHARD PLECKER
ENVIRONMENTAL UTILITIES DIRECTOR

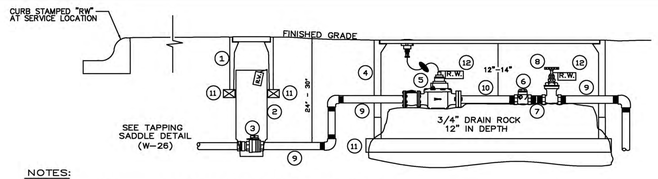
CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT

RECYCLED WATER USE SIGNAGE

SCALE: NONE
REVISED: JANUARY 2016
DRAWN BY: R. VAN NESS
APPROVED BY: RICHARD PLECKER

RW-9

1 RECYCLED WATER USE SIGNAGE
NO SCALE



NOTES:

NO WATER SHALL BE DRAWN THROUGH THE BACKFLOW DEVICE UNTIL IT HAS BEEN TESTED BY THE ENVIRONMENTAL UTILITIES DEPT.

CONTRACTOR SHALL LAY 3/4" DRAIN ROCK TO 12" DEPTH UNDER CONCRETE BLOCKING AT METER

WATER METERS SHALL BE PURCHASED THROUGH THE CITY. PURCHASE INCLUDES INSTALLATION.

THERE SHALL BE NO FLOW ALTERING DEVICES 5X THE PIPE DIAMETER UPSTREAM AND DOWNSTREAM OF THE METER.

CURBSTOP SHALL BE BETWEEN 12"& 18" OF EASEMENT.

BURIED PIPE AND FITTINGS SHALL BE WRAPPED WITH 8 MIL POLYETHYLENE OR APPROVED EQUAL.

SINGLE CHECK BACKFLOWS: WATTS CVY (BRONZE), WATTS WCV -2 (BRASS W/RUBBER DISK SEALS) WATTS 806 (316 STAINLESS STL.), MATCO/NORCA MODEL 530 (BRONZE)

BOXES SHALL HAVE METAL LIDS MARKED "RECYCLED WATER" WITH 2" LETTERS, PAINTED PURPLE.

1) G-5 VALVE BOX (PER DETAIL W-16)
2) 6"CONTINUOUS RISER (NOTCHED OVER PIPE AT BASE)
3) CURB STOP COMPRESSION X FIPT
4) B-48 UTILITY BOX W/ EXTENSION (MORTAR JOINTS INSIDE & OUT)
5) TURBO METER WITH STRAINER (PURCHASED THROUGH CITY). INSTALL IDLER SPOOL DURING INSTALLATION OF METER BOX.
6) SINGLE CHECK (SEE NOTES)
7) 3" BRASS NIPPLE
8) ALL BRASS GATE VALVE (FIPT X FIPT)
9) 12" BRASS NIPPLE
10) 6" BRASS NIPPLE
11) INSTALL CONCRETE BRICK(3" X 5") UNDER ENTIRE PERIMETER OF UTILITY BOXES
12) RECYCLED WATER ID TAG

RICHARD PLECKER
ENVIRONMENTAL UTILITIES DIRECTOR

CITY OF ROSEVILLE CALIFORNIA — ENVIRONMENTAL UTILITIES DEPARTMENT

1 1/2" & 2" RECYCLED WATER SERVICE

SCALE: NONE
REVISED: JANUARY 2020
DRAWN BY: R. VAN NESS
APPROVED BY: RICHARD PLECKER

RW-8

2 RECYCLED WATER SERVICE METER AND BACKFLOW
NO SCALE

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NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE: HORIZ: – VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT — GLENN A. SCHMIDT — No. 5239 — RENEWAL DATE 08-22-18 — STATE OF CALIFORNIA
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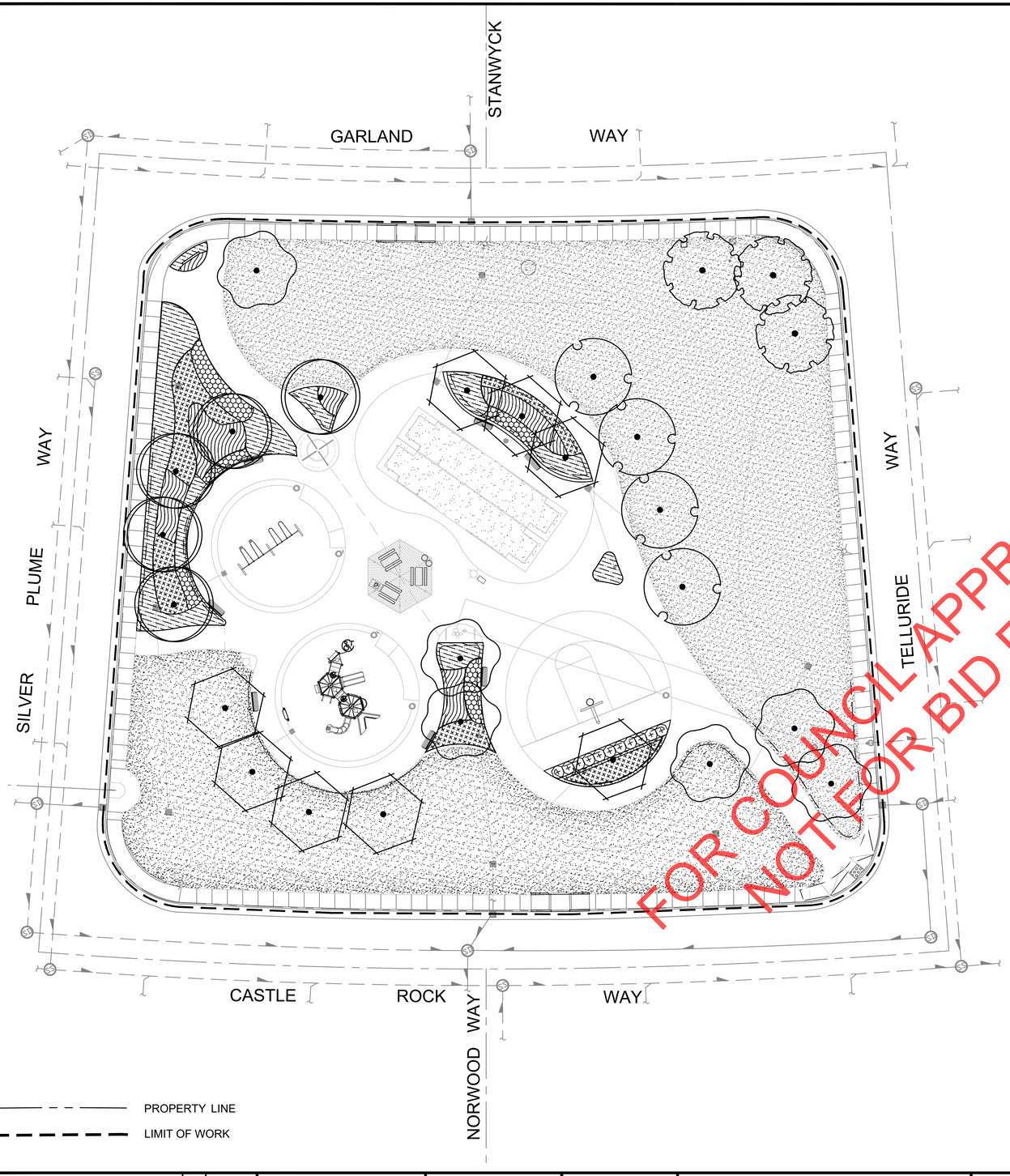
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
LANDSCAPE IRRIGATION DETAILS

City of Roseville Approval

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SHEET 27 OF 29
DWG. NO. –

99% CONSTRUCTION DOCUMENTS 03/26/2021



PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	DETAIL
	CEDRUS ATLANTICA `GLAUCA` / ATLAS CEDAR	24" BOX	3,4/LP-2.0
	FRAXINUS X `RAYWOOD` / RAYWOOD ASH	24" BOX	
	QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	24" BOX	
	QUERCUS WISLIZENII / INTERIOR LIVE OAK	24" BOX	
	ULMUS DAVIDIANA JAPONICA `JFS-BIEBERICH` TM / EMERALD SUNSHINE ELM	24" BOX	

SHRUBS	BOTANICAL / COMMON NAME	CONT	DETAIL
	RHAMNUS CALIFORNICA `MOUND SAN BRUNO` / CALIFORNIA COFFEEBERRY	5 GALLON	2/LP-2.0

SHRUB AREAS	BOTANICAL / COMMON NAME	CONT	SPACING	DETAIL
	CISTUS PULVERULENTUS SUNSET / SUNSET ROCKROSE	5 GAL	36" o.c.	1,2/LP-2.0
	EPILOBIUM CALIFORNICUM `EVERETT`S CHOICE` / CALIFORNIA FUCHSIA	5 GAL	24" o.c.	
	LEYMUS CONDENSATUS `CANYON PRINCE` / CANYON PRINCE BLUE RYE	1 GAL	24" o.c.	
	LOMANDRA LONGIFOLIA `BREEZE` / MAT RUSH	1 GAL	24" o.c.	

GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SPACING	DETAIL
	TURF SAVER RTF (RHIZOMATOUS TALL FESCUE) / BARENBURG OR ACCEPTED EQUAL	HYDROSEED		

ROOT BARRIER, INSTALL PER NOTE 16 AND DETAIL 4/LP-2.0

PLANTING NOTES:

1. CONTRACTOR SHALL REVIEW ALL PLANTING DRAWINGS, SPECIFICATIONS, AND INSTALLATION DETAILS BEFORE BEGINNING WORK.
2. CONTRACTOR SHALL VISIT SITE AND BECOME FAMILIAR WITH CONDITIONS UNDER WHICH WORK SHALL BE DONE PRIOR TO BIDDING.
3. ALL WORK WILL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY AND THE TECHNICAL SPECIFICATIONS OF THE PROJECT; AND IF NECESSARY, OTHER GOVERNING AGENCIES THAT HAVE ISSUE WITH THE SITE.
4. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES IN THE EXISTING CONDITIONS OR WITHIN THE PLANS PRIOR TO BEGINNING WORK.
5. FINISHED GRADES SHALL BE SMOOTHED TO ELIMINATE PUDDLING OR STANDING WATER. CONTRACTOR SHALL MAINTAIN A MINIMUM 2% DRAINAGE AWAY FROM SHADE STRUCTURES, AND PAVING INTO DRAINAGE STRUCTURES OR TO STREET (SEE ENGINEERS GRADING AND DRAINAGE PLAN). CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY OF ANY CONFLICTS IN MAINTAINING DRAINAGE.
6. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL FINISH GRADING PRIOR TO PLACEMENT OF ANY PLANT MATERIAL.
7. CONTRACTOR SHALL IMMEDIATELY, UPON THE AWARD OF THE CONTRACT, ORDER, LOCATE AND PURCHASE (OR HAVE HELD) ALL PLANT MATERIAL REQUIRED BY THESE PLANS AND SPECIFICATIONS. PLANT MATERIAL SHALL BE GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE PROJECT SITE.
8. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY REPAIRS MADE NECESSARY THROUGH THE ACTIONS OR NEGLIGENCE OF HIS EMPLOYEES AND SUBCONTRACTORS.
9. SOIL AMENDMENTS SPECIFIED ARE FOR BIDDING PURPOSES ONLY. ACTUAL TYPES AND AMENDMENT QUANTITIES WILL BE BASED ON SOIL ANALYSIS PROVIDED BY CONTRACTOR. AFTER ROUGH GRADING, SOIL SAMPLES SHALL BE TAKEN FROM FOUR (3) LOCATIONS IN DIFFERENT AREAS OF THE PARK SITE , AT 6" TO 10" DEPTH, MIXED TOGETHER TO REPRESENT AN ADEQUATE CROSS SECTION OF CONDITIONS. TEST SHALL BE CONDUCTED BY A FIRM APPROVED BY PROJECT LANDSCAPE ARCHITECT AND SHALL INCLUDE TESTS FOR SOIL FERTILITY, AGRICULTURAL SUITABILITY ,ORGANIC CONTENT, N, P, K; PH; EC; SOIL TEXTURE; AND RECOMMENDATIONS FOR AMENDMENTS, LEACHING, AND MAINTENANCE FERTILIZATION. CONTRACTOR SHALL FURNISH THE PROJECT LANDSCAPE ARCHITECT AND THE OWNER'S REPRESENTATIVE WITH A COPY OF TEST RESULTS AND RECEIVE WRITTEN APPROVAL FOR AMENDMENTS / SOIL PREPARATION PRIOR TO INSTALLATION. FOR "SOIL PREP;" THE AMENDMENTS ARE TO BE MIXED INTO THE TOP 6" OF SOIL THROUGHOUT THE SITE EXCEPT ON SLOPES GREATER THAN 3:1.

PLANTING NOTES CONTINUED, SEE LP-2.0

SCALE: 1"=20'-0"

0 10 20 40

NORTH

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES

99% CONSTRUCTION DOCUMENTS 03/26/2021

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: -

SCALE HORIZ: - VERT: -

PROJECT NO. -

CAD FILE: -

FOR SHEET SIZE 22" X 34"

PROJECT NO.: 20-402
PLOT DATE: 3/22/2021

DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

NOT FOR CONSTRUCTION

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 5331 STATUTORY EXPIRATION RENEWAL DATE 08-22-18 DATE STATE OF CALIFORNIA

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:

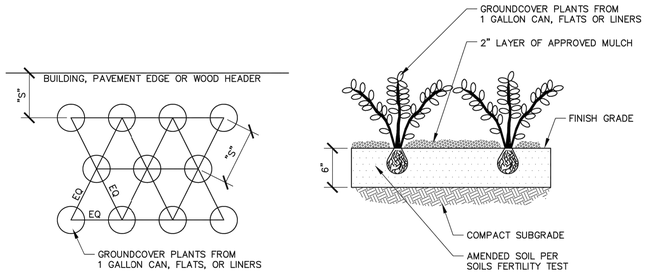
FOUR CORNERS PARK
LANDSCAPE PLANTING PLAN & NOTES

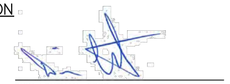
City of Roseville Approval

LP-1.1

SHEET 28 OF 29

DWG. NO. -





CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

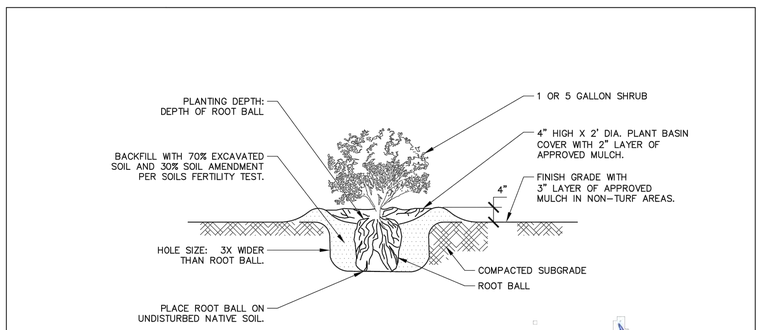
GROUNDCOVER PLANTING

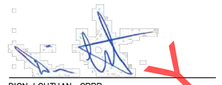
SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–17

NOTES
1. "S" REFERS TO PLANT SPACING, SEE PLANT TABLE ON CONSTRUCTION DOCUMENTS.

1 GROUNDCOVER PLANTING
NO SCALE





CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

SHRUB PLANTING

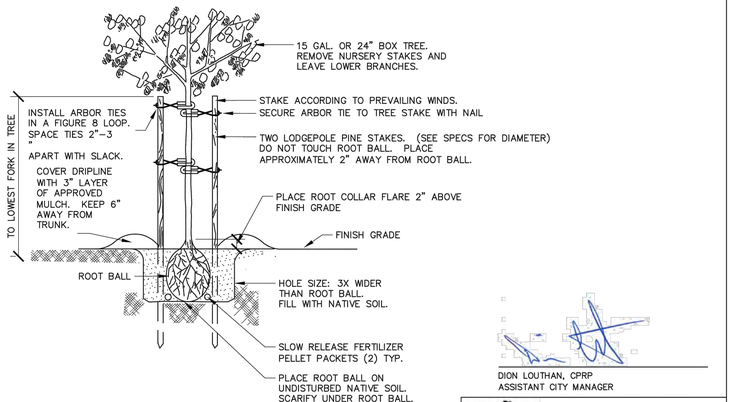
SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–18

NOTES
1. AMENDMENT SHALL BE CONSISTENT WITH SOILS FERTILITY TEST.
2. PLANTING AREAS SHALL BE TREATED WITH PRE–EMERGENT PRIOR TO PLANTING TO PREVENT GERMINATION OF WEED SEEDS.
3. SCORE ROOT BALL IN VARIOUS LOCATIONS.

2 SHRUB PLANTING
NO SCALE

FOR COUNCIL APPROVAL ONLY
NOT FOR BID PURPOSES



CITY OF ROSEVILLE CALIFORNIA — PARKS, RECREATION, & LIBRARIES DEPARTMENT

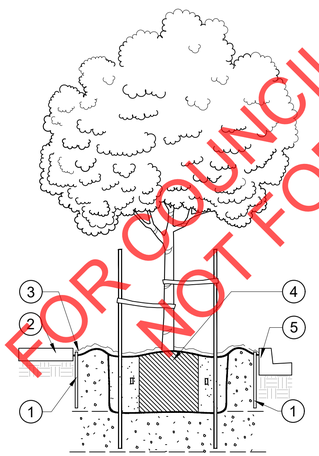
TREE PLANTING

SCALE: NONE
REVISED: JULY 2019
REVIEWED BY: T. GEE
APPROVED BY: D. LOUTHAN

PK–20

NOTES
1. SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
2. FOR LAWN AREAS: PROVIDE A 3' DIA. AREA FREE OF TURF.
3. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE.
4. INSTALL 2 ARBOR TIES, AT 2/3 OF TREE HEIGHT AND 2 ARBOR TIES AT 1/2 OF TREE HEIGHT.
5. TREE STAKES SHOULD BE INSERTED INTO THE GROUND TO A MINIMUM DEPTH OF 18".

3 TREE PLANTING
NO SCALE



LEGEND

1. 24" DEEP ROOT BARRIER PER SPECIFICATIONS/ EXTEND 10' FROM TRUNK OF TREE IN EACH DIRECTION ALONG FACE OF PAVING, CURB, WALL, ETC.
2. CONCRETE PAVING PER PLAN (WHERE APPLICABLE)
3. EXTEND TOP OF ROOT BARRIER 1/2" MINIMUM ABOVE FINISHED GRADE
4. TREE PLANTING PER DETAILS
5. CONCRETE CURB PER PLANS (WHERE APPLICABLE)

NOTES:
A. CONTRACTOR SHALL INSTALL AND ASSEMBLE ROOT BARRIER PER MANUFACTURERS RECOMMENDATIONS

4 ROOT BARRIER
NO SCALE

PLANTING NOTES CONTINUED:

THE FOLLOWING AMENDMENT MIXES ARE FOR CONTRACTOR BID PURPOSES (AND TO BE MODIFIED PER SOIL ANALYSIS RECOMMENDATIONS AS NECESSARY):

A) BID MIX FOR TURF AND SHRUB BED AREAS:
SOIL AMENDMENTS BID MIX SHALL BE THE FOLLOWING PER 1000 SQUARE FEET:
-3 CU. YDS. NITROGEN STABILIZED ORGANIC AMENDMENT.
-20 LBS. 6-20-20 N-P-K SLOW RELEASE FERTILIZER
-0.2 LBS. COPPER SULFATE
-0.5 LBS. ZINC SULFATE
-2 LBS AMMONIUM SULFATE
-4 CU. YDS. COMPOST TO A DEPTH OF 6"; EXISTING SOILS WITH 6% OR HIGHER ORGANIC MATTER IN THE TOP 6" OF SOIL ARE EXEMPT FROM ADDING COMPOST AND TILLING.

B) BID MIX FOR PLANT PIT BACKFILL AREAS:
PLANTING AND BACKFILL MIX FOR PLANT PITS SHALL BE AS FOLLOWS PER CUBIC YARD:
-66% OF NATIVE SOIL
-33% NITROGEN STABILIZED ORGANIC AMENDMENT
-2.5 LBS 6-20-20 N-P-K SLOW RELEASE FERTILIZER
THOROUGHLY BLEND THE ABOVE AT A CENTRAL ON-SITE LOCATION PRIOR TO USE.
THE FERROUS SULFATE SHOULD NOT CONTACT PAVING SURFACES AS STAINING WILL RESULT.

"SOIL PREP" TO BE MIXED INTO THE TOP 6" OF SOIL THROUGHOUT THE SITE EXCEPT ON SLOPES GREATER THAN 3:1.SOIL LEACHING SPECIFIED ARE FOR BIDDING PURPOSES ONLY. ACTUAL DURATION AND SOIL AMENDMENTS FOR LEACHING (IF RECOMMENDED BY THE CONTRACTOR'S PROVIDED SOILS REPORT) WILL BE BASED ON SOIL ANALYSIS PROVIDED BY THE APPROVED SOILS LABORATORY. CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH A COPY OF THE RECOMMENDATIONS AND RECEIVE WRITTEN APPROVAL FOR LEACHING AND AMENDMENTS PRIOR TO THE START OF THE LEACHING PROCESS.

LEACHING:
CONTRACTOR SHALL ASSUME ONE ROUND OF SOIL LEACHING AND RETESTING OF LEACHED SOIL PRIOR TO PLANTING. PRIOR TO LEACHING; CONTRACTOR TO APPLY GYPSUM AND LEACH A MINIMUM OF 6" OF WATER THROUGH THE SOIL PROFILE OVER A MINIMUM OF TWO WEEKS.

10. SHRUB AND GROUNDCOVER MASS QUANTITIES ARE SHOWN ON PLANS. UNDERPLANT ALL TREES WITH THE ADJACENT SHRUB AND/ OR GROUNDCOVER AS INDICATED BY THE PLANS. GROUNDCOVER SHALL BE INSTALLED WITH TRIANGULAR SPACING TO WITHIN 12" OF TREE OR SHRUB STEMS.
11. PLANT SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED. WHERE SHRUB SYMBOLS ARE MASSED, CONTRACTOR SHALL MAINTAIN A CONSISTENT ON CENTER , TRIANGULAR SPACING AS SPECIFIED IN LEGEND. CONTRACTOR SHALL VERIFY PLANT TOTALS FOR BID PURPOSES.
12. PRIOR TO PLANTING, IRRIGATION SYSTEM SHALL BE FULLY OPERATIONAL AND ALL PLANTING AREAS SHALL BE THOROUGHLY WATERED.
13. PRIOR TO BEGINNING THE PLANTING OPERATION, IRRIGATE ALL PLANTING AREAS NORMALLY FOR TWO WEEKS TO GERMINATE WEEDS. APPLY CONTACT HERBICIDE TO WEEDS ONLY PER MANUFACTURER, MONSANTO "ROUND-UP" OR EQUAL. REPEAT PROCESS IF WEEDS PERSIST.
14. PERCOLATION TEST SHALL BE CONDUCTED, AND MUST COMPLY WITH "GREENBOOK" "CLASS A" TOPSOIL PERMEABILITY RATE REQUIREMENTS.
15. PLANT MATERIAL MAY BE REJECTED AT ANY TIME BY LANDSCAPE ARCHITECT DUE TO CONDITION, FORM OR DAMAGE BEFORE AND OR DURING CONSTRUCTION.
16. TREES LOCATED WITHIN 10' (TEN FEET) OF WALKWAYS OR OTHER SURFACE IMPROVEMENTS SHALL BE INSTALLED WITH ROOT BARRIERS ADJACENT TO THE WALKWAY OR SURFACE IMPROVEMENT. DO NOT INSTALL ROOT BARRIERS AROUND THE ROOTBALL. THE LENGTH OF THE ROOT BARRIER SHALL BE A MINIMUM OF10' (TEN FEET) FROM THE CENTER OF THE TRUNK IN BOTH DIRECTIONS OF THE TREE. ROOT BARRIERS SHALL BE MADE OF A RIB SYSTEM, POLYPROPYLENE MATERIAL WITH A MINIMUM THICKNESS OF 0.08 INCH AND A MINIMUM DEPTH OF 24 INCHES. ROOT BARRIER TO BE MANUFACTURED BY "DEEPROOT" OR EQUIVALENT.
17. PLANTING TABLETS SHALL BE GRO-POWER PLANTING TABLETS 12-8-8 (12 MONTH SLOW RELEASE FORMULATION).
18. ALL PLANTING BEDS SHALL HAVE THREE INCH MIN. THICK MULCH LAYER. MULCH SHALL BE FREE OF STICKS, STONES, CLAY OR OTHER FOREIGN MATERIAL. CONTRACTOR SHALL SUBMIT SAMPLE TO THE PROJECT LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO DELIVERY TO THE JOB SITE. SHREDDED (i.e. "GORILLA") MULCH IS NOT ACCEPTABLE.
19. ALL PLANTING SHALL BE GUARANTEED THROUGH THE ESTABLISHMENT PERIOD. TURF PLANTED FROM SEED SHALL HAVE A 90 CALENDAR DAY PLANT ESTABLISHMENT PERIOD. TREES AND SHRUBS, AND GROUNDCOVERS SHALL SHALL HAVE A 90 DAY ESTABLISHMENT PERIOD AND BE GUARANTEED FOR A PERIOD OF ONE YEAR, BEGINNING FROM THE DATE OF THE FINAL ACCEPTANCE OF THE ESTABLISHMENT PERIOD.
20. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL AREAS IN A WEED AND DEBRIS-FREE CONDITION THROUGHOUT THE ESTABLISHMENT PERIOD.
21. CONTRACTOR SHALL PROVIDE ADDITIONAL PLANT MATERIAL; IF ALL MATERIALS ARE NOT USED, THE CONTRACTOR SHALL CREDIT THE OWNER THE BALANCE OF THE AMOUNT. THE CONTRACTOR SHALL BID THE FOLLOWING MATERIAL IN ADDITION TO PLANTS SHOWN ON ATTACHED PLANS:
15 - 5 GALLON SHRUBS
3 - 15 GALLON TREES
20 - 1 GALLON SHRUBS

NO.	REVISION	BY	DATE

RECORD DRAWING DATE: –
SCALE — HORIZ: – VERT: –
PROJECT NO. –
CAD FILE: –

FOR SHEET SIZE 22" X 34"
PROJECT NO.: 20-402:
PLOT DATE: 3/22/2021
DESIGNED: CT, GS
DRAWN BY: CB, TS
CHECKED: JJ

LICENSED LANDSCAPE ARCHITECT GLENN A. SCHMIDT No. 3891 — LICENSURE 01-19 — RENEWAL DATE 08-22-18 — DATE — STATE OF CALIFORNIA
NOT FOR CONSTRUCTION

SCHMIDT DESIGN GROUP
1310 Rosecrans St., Suite G, San Diego, CA 92106
619.236.1462
LIC. CA 2138 | NV 219 | AZ 34139
SCHMIDTDESIGN.COM

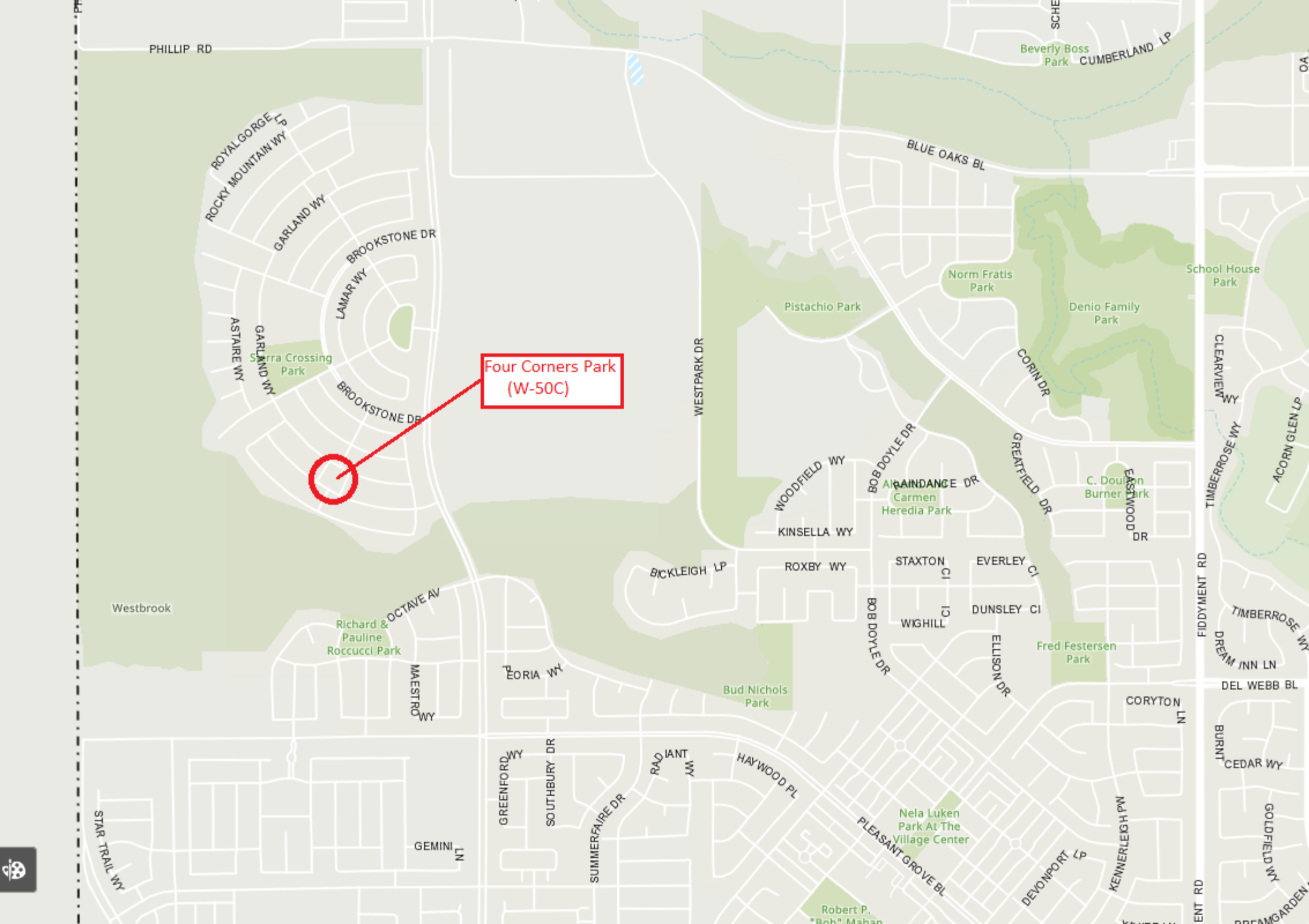
CITY OF ROSEVILLE
PARKS, RECREATION & LIBRARIES
316 VERNON STREET, SUITE 400
ROSEVILLE, CA 95678

IMPROVEMENT PLANS FOR:
FOUR CORNERS PARK
PLANTING DETAILS & NOTES

City of Roseville Approval

LP-2.0
SHEET 29 OF 29
DWG. NO. –

99% CONSTRUCTION DOCUMENTS 03/26/2021


Four Corners Park
(W-50C)
PHILLIP RD
ROYALGORGE LP
ROCKY MOUNTAIN WY
GARLAND WY
BROOKSTONE DR
LAMAR WY
ASTAIRE WY
GARLAND WY
Sierra Crossing Park
BROOKSTONE DR
Westbrook
Richard & Pauline Roccucci Park
OCTAVE AV
MAESTRO WY
PEORIA WY
Bud Nichols Park
BLUE OAKS BL
Beverly Boss Park
CUMBERLAND LP
Norm Fratis Park
Pistachio Park
Denio Family Park
School House Park
WESTPARK DR
CORIN DR
CLEARVIEW WY
TIMBERROSE WY
ACORN GLEN LP
BOB DOYLE DR
WOODFIELD WY
KINSELLA WY
RAINDANCE DR
Carmen Heredia Park
GREATFIELD DR
C. Doug Burner Park
EASTWOOD DR
BICKLEIGH LP
ROXBY WY
STAXTON CI
EVERLEY CI
WIGHILL CI
DUNSLEY CI
ELLISON DR
Fred Festersen Park
FIDDYMENT RD
TIMBERROSE WY
DREAM INN LN
DEL WEBB BL
CORYTON LN
BURNT CEDAR WY
GOLDFIELD WY
KENNERLEIGH PW
DEVONPORT LP
PLEASANT GROVE BL
Nela Luken Park At The Village Center
Robert P. "Bob" Mahan
HAYWOOD PL
RADIANT WY
SUMMERFAIRE DR
SOUTHBURY DR
GREENFORD WY
GEMINI LN
STAR TRAIL WY

COUNCIL COMMUNICATION

CC #: 1441
File #: 0203-01

Title: Vehicle – Purchase Orders
Contact: Brian Craighead 916-774-5731 bcraighead@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.4.

RECOMMENDATION TO COUNCIL

RFQ 10-3292
Staff recommends Council approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Autocar CNG truck with AMREP roll-off body utilizing RFQ 10-3292 as a replacement for Fleet ID 13-431 approved in the FY2020-21 Fleet Replacement budget. The total cost including options and sales tax is $277,484.

RFQ 10-3293
Staff recommends Council approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Volvo diesel truck with AMREP roll-off body utilizing RFQ 10-3293 as a replacement for Fleet ID 13-421 approved in the FY2020-21 Fleet Replacement budget. The total cost including options and sales tax is $190,611.

RFQ 10-3294
Staff recommends Council approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for one Autocar diesel truck with Bridgeport side loading body utilizing RFQ 10-3294 as a replacement for Fleet ID 13-448 approved in the FY2020-21 Fleet Replacement budget. The total cost including options and sales tax is $338,931.

RFQ 10-3295
Staff recommends Council approve a purchase order to Dobbs Heavy Duty Holdings LLC dba Western Truck Center for seven Autocar CNG trucks with Bridgeport side loading bodies utilizing RFQ 10-3295 as a replacement for Fleet ID 13-383 and six fleet additions approved in the FY2020-21 Fleet Replacement budget. The total cost including options and sales tax is $2,560,541.

BACKGROUND

RFQ 10-3292
The Environmental Utilities Department's Waste Services division is purchasing one Autocar CNG truck with AMREP roll-off body as a replacement for Fleet ID 13-431. The roll-off refuse collection vehicle is necessary to service the City's commercial and residential customers for solid

waste collection up to seven days per week.

A formal bid was issued with the following vendor response:

Vendor Total price (with all potential options)
Western Truck Center $277,484.28
West Sacramento, CA

RFQ 10-3293
The Environmental Utilities Department's Waste Services division is purchasing one Volvo diesel truck with AMREP roll-off body as a replacement for Fleet ID 13-421. The roll-off refuse collection vehicle is necessary to service the City's commercial and residential customers for solid waste collection up to seven days per week.

A formal bid was issued with the following vendor response:

Vendor Total price (with all potential options)
Western Truck Center $190,610.83
West Sacramento, CA

RFQ 10-3294
The Environmental Utilities Department's Waste Services division is purchasing one Autocar diesel truck with Bridgeport side loading body as a replacement for Fleet ID 13-448. This truck is used to collect residential waste collection up to five days per week.

A formal bid was issued with the following vendor response:

Vendor Total price (with all potential options)
Western Truck Center $338,930.86
West Sacramento, CA

RFQ 10-3295
The Environmental Utilities Department's Waste Services division is purchasing seven Autocar CNG trucks with Bridgeport side loading bodies as a replacement for Fleet ID 13-383 and six fleet additions. The purchase of six additional automated side loading trucks is to increase green waste collection from bi-weekly to weekly service. The department is taking these actions to collect more organics in response to SB 1383. SB 1383 will require jurisdictions in California to reduce organics disposal by 50 percent in 2022 and 75 percent by 2025. The additional routes will create additional organics recycling capacity and will be one of the many steps to comply with this new regulation.

A formal bid was issued with the following vendor response:

Vendor Total price (with all potential options)
Western Truck Center $2,560,540.99
West Sacramento, CA

Vehicle replacements are based on the Fleet Scoring System which considers factors such as age, mileage, reliability, prior maintenance and repair costs, and current condition. Below are the vehicle replacement scores. A score of 23 or more indicates the vehicle is eligible for replacement.

Vehicle ID	Replacement Score	Vehicle Condition
13-431	31	Meets City replacement criteria
13-421	34	Meets City replacement criteria
13-448	35	Meets City replacement criteria
13-383	33	Meets City replacement criteria

FISCAL IMPACT

RFQ 10-3292
The total cost of one Autocar CNG truck with AMREP roll-off body including options and sales tax is $277,484. Funding is included in the FY2020-21 Fleet Replacement budget.

RFQ 10-3293
The total cost of one Volvo diesel truck with AMREP roll-off body including options and sales tax is $190,611. Funding is included in the FY2020-21 Fleet Replacement budget.

RFQ 10-3294
The total cost of one Autocar diesel truck with Bridgeport side loading body including options and sales tax is $338,931. Funding is included in the FY2020-21 Fleet Replacement budget.

RFQ 10-3295
The total cost of seven Autocar CNG trucks with Bridgeport side loading bodies including options and sales tax is $2,560,541. Funding is included in the FY2020-21 Fleet Replacement budget.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The purchase of vehicles meets the above criteria and is not subject to CEQA. No additional environmental review is required.

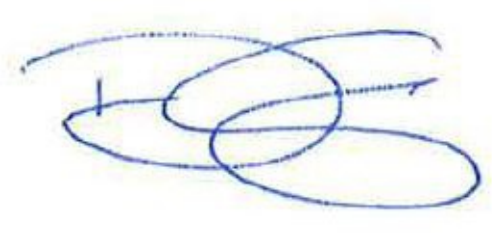
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal E - Deliver exceptional city services

Respectfully Submitted,

Brian Craighead, Fleet Manager

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

COUNCIL COMMUNICATION

CC #: 1450
File #: 0600-01

Title:	Roseville Firefighters Employer Paid Member Contributions - California Public Employees' Retirement System Resolution
Contact:	Linda Hampton 916-774-5215 lhampton@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.5.

RECOMMENDATION TO COUNCIL

Staff recommends that City Council adopt a resolution formally authorizing the City of Roseville to implement the provisions of Government Code 20636(c)(4) as provided for in the January 5, 2017, through December 31, 2018, Roseville Firefighters (RFF) bargaining agreement and discontinue reporting employer paid member contributions (EPMC) to CalPERS as additional compensation for classic RFF public safety employees effective January 6, 2018.

BACKGROUND

The City of Roseville contracts with California Public Employees' Retirement System (CalPERS) to provide retirement plans. The plans are funded by employer and employee (member) contributions and investment earnings. Government Code Section 20636(c)(4), pursuant to Section 20691, allows the City to report to CalPERS, as compensation earnable, the monetary value of contributions paid by the City towards the employee's portion of the CalPERS contribution, referred to as Employer Paid Member Contributions (EPMC).

In the January 5, 2017, through December 31, 2018, Memorandum of Understanding (MOU) between Roseville Firefighters (RFF) and the City of Roseville, it was agreed that the City would discontinue reporting 9% EPMC for Classic Public Safety RFF employees, at the beginning of the first full pay period in January of 2018, which was effective January 6, 2018. While the City has been correctly reporting compensation to CalPERS in accordance with this and subsequent agreements with RFF, the proper resolution was not filed with CalPERS.

To remedy this situation, staff is recommending that Council adopt a resolution to formalize that EPMC was discontinued being reported for RFF Classic Public Safety employees, effective January 6, 2018.

The proposed resolution rescinds resolution 12-40 which also memorialized that effective February 25, 2012, RFF Miscellaneous employees would not have EPMC reported. Therefore, the attached resolution confirms the Classic Miscellaneous employees ceased to have EPMC

reported effective February 25, 2012, in addition to EPMC ceasing to be reported for Classic Public Safety employees effective January 6, 2018.

FISCAL IMPACT

This action is an administrative correction to formalize previously negotiated provisions that remain in the agreement between RFF and the City. These provisions have reduced retirement costs since implementation and cost savings will continue to be realized going forward. The recommended action has no fiscal impact.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of the proposed retirement benefit changes meet the above criteria and is not subject to CEQA. No additional environmental review is required.

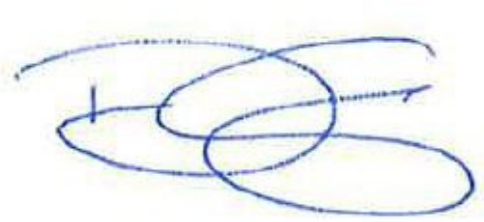
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Remain fiscally responsible in a changing world.

Respectfully Submitted,

Linda Hampton, Human Resources Manager

Stacey Peterson, Human Resources Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-196

RESOLUTION NO. 21-196

RESOLUTION FOR PAYING AND REPORTING THE VALUE OF EMPLOYER PAID MEMBER CONTRIBUTIONS

WHEREAS, the governing body of the City of Roseville has the authority to implement Government Code Section 20636(c) (4) pursuant to Section 20691;

WHEREAS, the governing body of the City of Roseville has a written labor policy or agreement which specifically provides for the normal member contributions to be paid by the employer, and reported as additional compensation;

WHEREAS, one of the steps in the procedures to implement Section 20691 is the adoption by the governing body of the City of Roseville (of a Resolution to commence paying and reporting the value of said Employer Paid Member Contributions (EPMC));

WHEREAS, the governing body of the City of Roseville has identified the following conditions for the purpose of its election to pay EPMC;

- This benefit shall apply to all Public Safety and Miscellaneous employees of the Roseville Firefighters Association (RFF).
- This benefit shall consist of paying 0% (Percent) of the normal contributions as EPMC, and reporting the same percent (value) of compensation earnable* {excluding Government Code Section 20636(c)(4)} as additional compensation.
- The effective date of this Resolution shall be effective January 6, 2018, and rescinds Resolution No. 12-40 which previously authorized the City to pay and report EPMC.

NOW, THEREFORE, BE IT RESOLVED that the governing body of the City of Roseville elects to pay and report the value of EPMC, as set forth above.

BY

_____

(Name of Official)

_____ _____

(Date adopted and approved) (Title of Official)

* Note: Payment of EPMC and reporting the value of EPMC on compensation earnable is on pay rate and special compensation except special compensation delineated in Government Code Section 20636(c)(4) which is the monetary value of EPMC on compensation earnable.

COUNCIL COMMUNICATION

CC #: 1453
File #: 0400-04-09-1

Title:	Fiddyment Ranch Lot D and F-66 (Lot 21) - Disposition of City Interests and Acceptance of a Portion of Property for Monitoring Well Purposes
Contact:	Kerry Andrews 916-774-5346 kandrews@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.6.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:

1. Adopt the attached resolution vacating the right of way, public utility easement, and all other interests, if any, therein, in Lot D; adopt the attached resolution further finding that Lot D is surplus, not necessary for the City's use, is in the City's best interest to dispose of as described herein, and is exempt from the Surplus Land Act; and authorize the City Manager to execute a Quitclaim Deed of Lot D to Lennar Homes of California, Inc., the escrow instructions, and any other documents required to effectuate the conveyance of the abandoned interests in Lot D.

2. Adopt the attached resolution formally terminating the in fee irrevocable offer of dedication of Lot 21; and authorize the City Manager to execute a Quitclaim Deed of Lot 21 to Jen California 15, LLC, as described more fully herein, the escrow instructions and any other documents required to effectuate the termination of the in fee irrevocable offer of dedication.

3. Adopt the attached resolution authorizing the City Manager to accept the Grant Deed from Jen California 15, LLC, for a portion of Lot 21.

4. Authorize the City Clerk or her designee to record the Quitclaim Deeds, the Resolutions, and anything else necessary to effectuate the intent of these actions, at the Recorder's Office of Placer County.

BACKGROUND

On April 1, 2020, the City Council approved the Fiddyment Ranch Development Agreement Amendment #8 (FRDAA8). Pursuant to the agreement, Lot D of the Fiddyment Ranch Phase 2 Village 16A subdivision and a portion of Lot 21, which is adjacent to Lot D, were to be merged into one single family lot. Lot D is currently owned by the City for right of way and public utility purposes (Exhibits A and A-1) and is needed to serve as a driveway for Lot 21. Lot 21 is currently owned by Jen California 15, LLC, but was irrevocably offered in fee to the City as a well site

on the Fiddyment Ranch Phase 2 Large Lot map (pursuant to the Subdivision Map Act, the City rejected this offer, but reserved the right to accept it at a later date).

As outlined in the FRDAA8, Lot D is to be quit claimed from the City to Lennar Homes of California, Inc., (the original owner) and then deeded to Jen California 15, LLC. Since the City determined that Lot 21 was not viable as a ground water production well site, and that the City only needed to retain a smaller portion of Lot 21 to maintain existing monitoring wells, the City's interest in Lot 21 will be quit claimed by the City back to the developer, Jen California 15, LLC. The City is receiving a grant deed for just a portion of Lot 21 needed by the City for the existing monitoring wells. Jen California 15, LLC, will then record a lot line adjustment to merge its parcels to create one single family lot.

Approving the quitclaim deed for Lot D, formally terminating the City's in fee irrevocable offer and interests in Lot 21 (Exhibits B and B-1), and then recording a grant deed granting to the City the portion of Lot 21 required for existing monitoring wells will satisfy the agreement made in the FRDAA8 and will allow Jen California 15, LLC, to record a lot line adjustment to create one single family lot.

Lot D - Vacation of ROW and PUE

Lot D was dedicated as public right of way and public utility easement on the final map of Fiddyment Ranch Phase 2 Village 16-A that was recorded at the Placer County Recorder's office and filed for record in Book CC of Maps, Page 69. Lot D was dedicated to the City to serve as a driveway and to provide for the utility needs of adjacent Lot 21. The purpose for which the City obtained ownership in Lot D is no longer needed. In addition to conveying its interests in Lot D, the City is also abandoning the right of way and public utility easement located thereon.

Pursuant to the Streets and Highways Code Section 8334, a City may summarily vacate excess right of way (ROW) of a street or highway that is not required for street or highway purposes. Since Lot D is not needed for public road purposes, the right of way is now in excess of the City's need and is not being used or planned to be used in the future for a street or highway purposes. Therefore, staff concludes that the condition of a summary vacation listed within the Streets and Highways Code Section 8334 applies, and recommends that the right of way be vacated.

Pursuant to the Streets and Highways Code Section 8333, an easement may be terminated (vacated) by the City if the easement has been determined to be in excess by the easement holder, and there are no other public facilities in the easement. The public utility easement (PUE) located within Lot D is in excess since there are no utilities or public facilities located within the easement areas and there are no future plans to use the easements for public utilities or any other public uses. Therefore, staff concludes the condition of the summary vacation listed with Streets and Highways Code Section 8333 applies, and recommends that the PUE be vacated.

In light of the City’s need for the portion of Lot 21 for existing monitoring well sites, the agreement reached for exchanges impacting Lots 21 and Lot D, the exempt surplus land status (discussed below) of Lot D, and the vacation of the ROW and PUE interests as described above for Lot D, Lot D is most appropriately reverting to the original grantor for use by the adjoining Lot 21. However, sometimes, the property owner's title company requires that the City record a quitclaim deed or other documents to convey the abandoned area to the private property owner. Therefore, staff has recommended that the City Manager be authorized to provide such documents as described here and in FRDAA8.

Lot D Surplus Land Act Exemption

In addition, the City does not have to comply with California's Surplus Land Act ("Act") procedures as described in Section 54200 et seq. of the California Government Code in order to transfer the surplus Lot D parcel to the developer. The Act defines "surplus land" as land owned by any government agency that the agency determines to be no longer necessary for the agency's use. Prior to disposal of surplus land, the disposing agency must notify local public and affordable housing developers, park, recreation and open space agencies and others of the availability of the surplus land and the agency must negotiate in good faith with any entity that responds to the notice. However, certain public lands are exempt from this notice requirement. According to Section 54221(f) of the Act, land is exempt from the surplus procedures if it is, in relevant part, either of the following: (C) surplus land that a local agency is exchanging for another property necessary for the agency's use; and/or, (E) surplus land that is a former street, right of way, or easement, and is conveyed to an owner of an adjacent property.

The exempt surplus Lot D property is 2,891 square feet in area, and is being transferred to a contiguous land owner in exchange for a portion of Lot 21 being granted to the City necessary for City monitoring well purposes. Lot D was also originally granted to the City for right of way and easement purposes that are no longer necessary as described above, and will be transferred to the adjacent property owner of Lot 21, as described above. Since this property satisfies at least one individual exemption characteristics from above—(C) and (E)—it is exempt from the Act's procedures and can be disposed of pursuant to the procedures set forth in Section 4.12.110 of the Roseville Municipal Code.

Lot D Disposition Under the Municipal Code Section 4.12.110(B)

Excess real property determined by the council to be unusable except by the owner of adjoining privately owned real property may be offered for sale to such adjoining landowner at a price determined by the city council to be equitable to the purchaser and the city. Additionally, any interest in real property may be sold or otherwise disposed of pursuant to a finding by the city council that such disposition is in the city's best interest. Based on the foregoing, this disposition is in the City's best interest because it effectuates the agreement reached in FRDAA8, provides beneficial use of Lot D that otherwise is not needed by the City, and provides for the exchange of a portion of Lot 21 that the City does need for monitoring well sites. The City has determined that Lot D is unusable except by the owner of the adjoining private real property owner of Lot 21 because Lot D is needed as a driveway to access a residential street to meet the requirements of the City's Design Standards (Section 5-3) for site access of a single family residential lot. Per Section 5-3 - Driveways serving a single family lot are not allowed on collector or arterial streets. Therefore, it is in the City's best interests, based on the foregoing and in accordance with Municipal Code Section 4.12.110(B), to exchange Lot D for a portion of Lot 21, without compensation.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund associated with this approval.

ENVIRONMENTAL REVIEW

The project involves the conveyance of surplus City property not located within an area of

statewide, regional, or area wide concern. This activity is categorically exempt from CEQA as a Class 12 exemption (State CEQA Guidelines Section 15312). The Exemption has been prepared and no further CEQA action is required.

Additionally, activities associated with the proposed transactions were previously evaluated in the West Roseville Specific Plan (WRSP) EIR (SCH# 2002082057), and an Addendum to the WRSP EIR considered by City Council on March 18, 2020, and are identified in the associated West Roseville Specific Plan. Because the project is consistent with the WRSP EIR and Specific Plan, and the previously considered Addendum to the WRSP EIR, no new effects would be expected to occur and all applicable mitigation measures from the West Roseville Specific Plan EIR will be implemented. Because the proposed project meets the requirements identified in Section 15183 of the State CEQA Guidelines, no additional CEQA review is required.

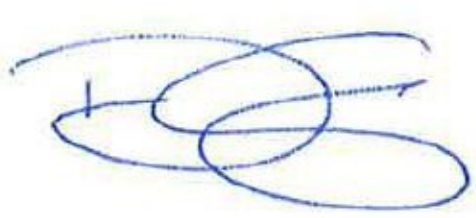
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Kerry Andrews, Assistant Engineer

Mike Isom, Development Services Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-199

Exhibit A & A-1

Quit Claim Deed City to Lennar - Lot D

Resolution 21-200

Exhibit B & B-1

Quit Claim Deed City to Jen Calif - Lot 21

Resolution 21-201

Grant Deed Jen Calif to City

RESOLUTION NO. 21-199

ORDERING SUMMARY VACATION OF EXCESS RIGHT OF WAY, PUBLIC UTILITY EASEMENT, AND ALL OTHER INTERESTS, IF ANY, IN LOT D IN THE FIDDYMENT RANCH PHASE 2 VILLAGE 16A SUBDIVISION, FINDING AND DECLARING LOT D AS EXEMPT SURPLUS LAND, AND AUTHORIZING THE CITY MANAGER TO EXECUTE A QUITCLAIM DEED, ESCROW INSTRUCTIONS AND ANY OTHER DOCUMENTS REQUIRED TO EFFECTUATE THE CONVEYANCE OF THE ABANDONED INTERESTS IN LOT D, FINDING IT TO BE IN THE CITY'S BEST INTEREST

BE IT RESOLVED by the City Council of the City of Roseville as follows:

WHEREAS, on April 1, 2020, the City Council approved the Fiddyment Ranch Development Agreement Amendment #8 ("FRDAA8") in which Lot D and a portion of Lot 21, were to be merged into one single family lot effectuated by exchanging Lot D, owned by the City, for a certain portion of Lot 21 needed by the City for existing City monitoring wells; and

WHEREAS, Lot D in the Fiddyment Ranch Phase 2 Village 16A subdivision is currently owned by the City (final map, filed for record, November 7, 2013, in Book CC of Maps, at Page 69 and as Document 2013-0105671, Placer County Records) for right of way and public utility purposes and is needed to serve as a driveway for Lot 21; and

WHEREAS, in accordance with the provisions of Sections 8333 and 8334 of the Streets and Highways Code (Chapter 4, Summary Vacation), it is hereby found that this excess right of way and public purpose/utility easement, described in Exhibits A and A-1, attached hereto and incorporated herein by reference, can be summarily vacated; and

WHEREAS, the existing excess right of way and public purpose/utility easement of Lot D are no longer needed for City purposes and have not and will not be used for the purpose for which they were dedicated or acquired; and

WHEREAS, Lot D, is surplus land, not necessary for the City's use, and is exempt from the California Surplus Land Act (Section 54200 et seq. of the California Government Code) pursuant to at least Section 54221(f)(C) and (E) thereof, that Lot D is surplus land that a local agency is exchanging for another property necessary for the agency's use, and/or surplus land that is a former street, right of way, or easement, and is conveyed to an owner of an adjacent property; and

WHEREAS, since this property is exempt from the Surplus Land Act procedures it can also be disposed of pursuant to the procedures set forth in Section 4.12.110 of the Roseville Municipal Code; and

WHEREAS, it is found and determined that disposition of Lot D as described is in the City's best interest because it effectuates the agreement reached in FRDAA8, provides beneficial use of Lot D that otherwise is not needed by the City, and provides for the exchange of a portion

of Lot 21 that the City does need for monitoring well sites, and the City has determined that Lot D is unusable except by the owner of the adjoining private real property owner of Lot 21 because Lot D is needed as a driveway to access a residential street to meet City standards and requirements; and

NOW, THEREFORE, BE IT RESOLVED AND HEREBY ORDERED:

1. That the excess right of way and public purpose/utility easement, described in Exhibits A and A-1, are hereby vacated and shall, as of the date of adoption of this resolution, no longer constitute City right of way or public purpose/utility easement(s); and

2. Lot D located in the Fiddyment Ranch Phase 2 Village 16A subdivision, is hereby declared as surplus to the needs of the City pursuant to Section 4.12.110 of the Roseville Municipal Code and is exempt surplus land for the purposes of the Surplus Land Act, and that disposition of the property is in the City's best interest.

3. The City Manager is hereby authorized to execute a Quitclaim Deed of Lot D to Lennar Homes of California, Inc., and any other documents required to effectuate the abandonment, vacation of the excess right of way and public purpose/utility easement and the conveyance of any other interest the City may have therein to Lennar Homes of California, Inc.

4. The City Clerk is hereby directed to cause a certified copy of this Resolution and Order, attested to by said Clerk under the seal of the City of Roseville, to be recorded in the Office of the County Recorder, and to record any other documents necessary to effectuate what is described herein.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

EXHIBIT "A"
FIDDYMENT RANCH F-66
LEGAL DESCRIPTION FOR
RIGHT-OF-WAY & PUE ABANDONMENT

All of Lot D, as said lot is shown on that certain "Final Map of Fiddyment Ranch Phase 2 Village 16-A, Subdivision No. 000128", filed for record November 7, 2013, in Book CC of Maps, at Page 69, Placer County Records, situate within the West Half of Section 18, Township 11 North, Range 6 East, Mount Diablo Base & Meridian, City of Roseville, County of Placer, State of California, being more particularly described as follows:

BEGINNING at a point which is the most southerly corner of said Lot D; thence from said **POINT OF BEGINNING**, along the westerly, northerly, easterly and southerly lines of said Lot D, the following five (5) courses and distances:

1) North 00°12'59" West, a distance of 47.66 feet;
2) North 90°00'00" East, a distance of 12.15 feet;
3) North 38°06'53" East, a distance of 96.95 feet;
4) from a radial line which bears South 05°46'44" West, along a non-tangent curve concave to the northwest, having a radius of 43.00 feet, northeasterly 43.28 feet along said curve through a central angle of 57°39'51", subtended by a chord bearing North 66°56'48" East, a distance of 41.47 feet;
5) South 38°06'53" West, a distance of 178.17 feet to the **POINT OF BEGINNING**.

Containing 2,891 square feet, more or less.

See Exhibit 'B', plat to accompany description, attached hereto and made a part hereof.

The Basis of Bearings for this description is identical to said Final Map of Fiddyment Ranch Phase 2 Village 16-A, Subdivision No. 000128", filed for record November 7, 2013, in Book CC of Maps, at Page 69, Placer County Records and is the west line of Lot D, as said lot is shown thereon. The bearing of said line is North 00°26'58" West.

END OF DESCRIPTION

January 28, 2021

Dennis L. Barber, PLS 8067

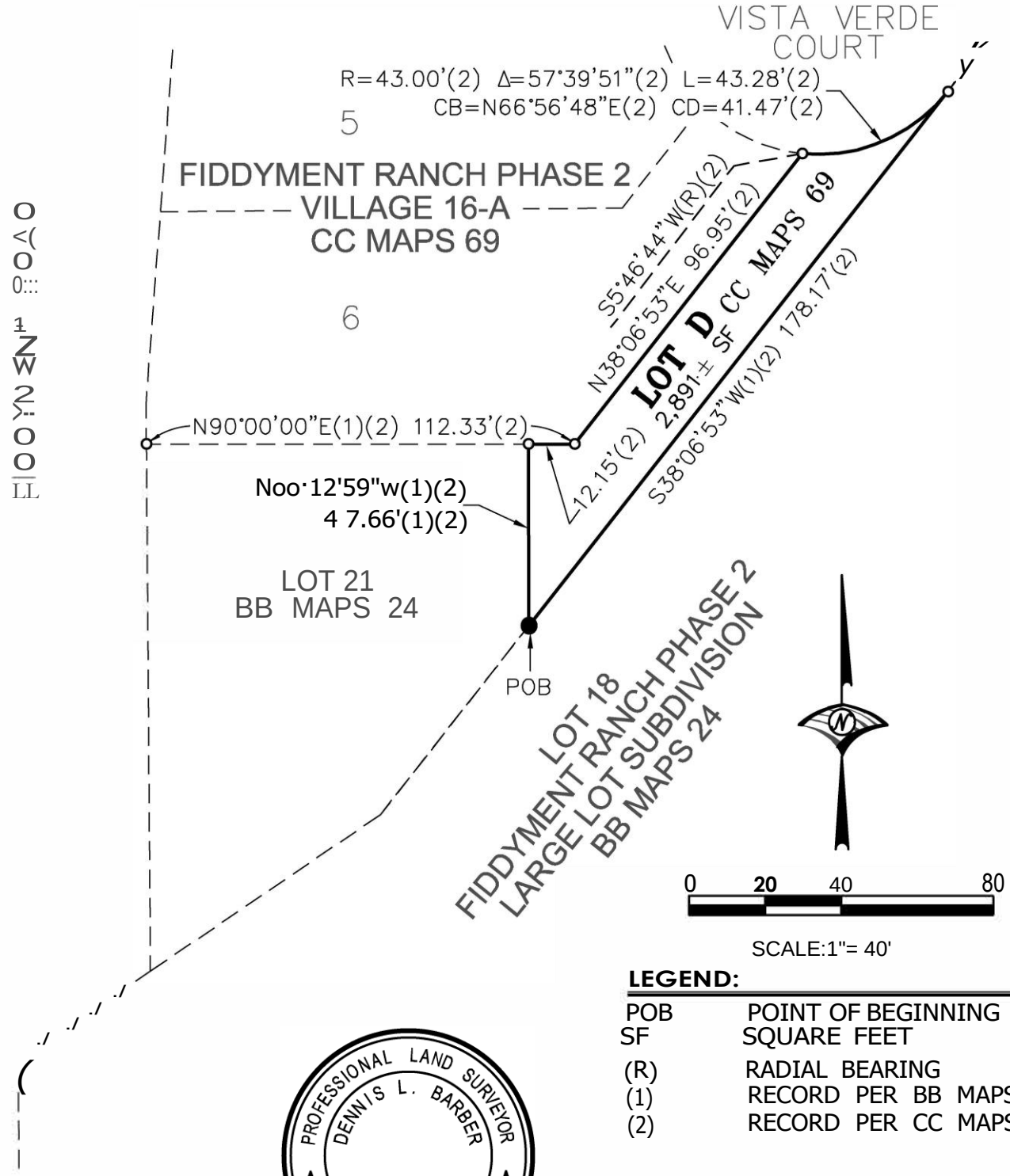
PREPARED BY WOOD RODGERS, INC
SACRAMENTO, CALIFORNIA

EXHIBIT 'A-1'

PLAT TO ACCOMPANY DESCRIPTION

FIDDYMENT RANCH F-66
LOT D - CC MAPS69
RIGHT-OF-WAY & PUE ABANDONMENT

CITY OF ROSEVILLE
COUNTY OF PLACER STATE OF CALIFORNIA



SCALE:1"= 40'

LEGEND:

POB	POINT OF BEGINNING
SF	SQUARE FEET
(R)	RADIAL BEARING
(1)	RECORD PER BB MAPS 24
(2)	RECORD PER CC MAPS 69

PROFESSIONAL LAND SURVEYOR
DENNIS L. BARBER
No. 8067
STATE OF CALIFORNIA

L&JCCO -RCOGE:R:S
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C ST, BLDG. 100-B TEL 916.341.7760
SACRAMENTO, CA95B16 FAX 916.341.7767

JANUARY 28, 2021 1027.001 SHEET 1 OF 1

EXHIBIT "A"
FIDDYMENT RANCH F-66
LEGAL DESCRIPTION FOR
RIGHT-OF-WAY & PUE ABANDONMENT

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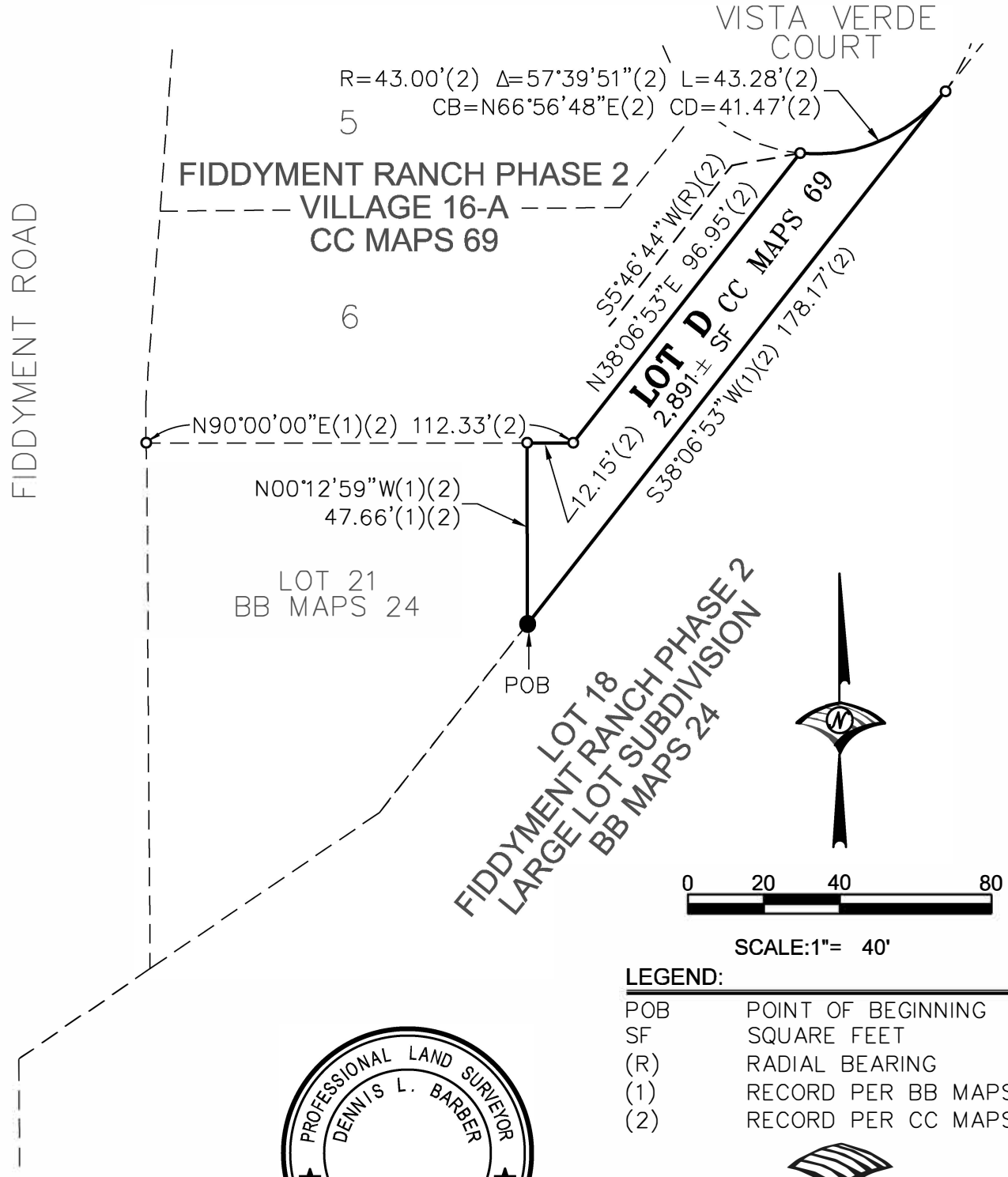
PREPARED BY WOOD RODGERS, INC
SACRAMENTO, CALIFORNIA

EXHIBIT 'A-1'

PLAT TO ACCOMPANY
DESCRIPTION

FIDDYMENT RANCH F-66
LOT D - CC MAPS 69
RIGHT-OF-WAY & PUE ABANDONMENT

CITY OF ROSEVILLE
COUNTY OF PLACER STATE OF CALIFORNIA



SCALE:1"= 40'

LEGEND:

POB	POINT OF BEGINNING
SF	SQUARE FEET
(R)	RADIAL BEARING
(1)	RECORD PER BB MAPS 24
(2)	RECORD PER CC MAPS 69

PROFESSIONAL LAND SURVEYOR
DENNIS L. BARBER
No. 8067
STATE OF CALIFORNIA

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

JANUARY 28, 2021 1027.001 SHEET 1 OF 1

RECORDING REQUESTED BY:

APN No.: 492-180-051

WHEN RECORDED MAIL TO
Lennar Homes of California, Inc.

Exempt from Recording Fees Govt. Code 27383

SPACE ABOVE THIS LINE FOR RECORDERS USE

Quit Claim Deed

Exempt from fee per GC27388.1(a)(2); document is executed or recorded by the state or any county, municipality, or other political subdivision of the state

The undersigned grantor(s) declare(s):
Documentary transfer tax is $

( ) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: (X) City of Roseville
( ) Realty not sold.

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
The City of Roseville, a municipal corporation

hereby REMISE(S), RELEASE(S) AND FOREVER QUITCLAIM(S) to
Lennar Homes of California, Inc., a California corporation

that property in City of Roseville, County of Placer, State of California, described as:
See "Exhibit A" attached hereto and made a part hereof.

Mail Tax Statements to Grantee at address above

Date March 04, 2021

The City of Roseville, a municipal corporation

Dominick Casey
City Manager

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT A

The land referred to is situated in the County of Placer, City of Roseville, State of California, and is described as follows:

Lot D, as shown and designated on the Final Map of Fiddyment Ranch Phase 2, Village 16-A, filed for record in the Office of the Placer County Recorder on November 7, 2013 in Book CC of Maps, Page 69.

APN: 492-180-051

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____
County of _____

On _____ before me, _____ a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

Name: _____
(Typed or Printed)

(Seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

BOE-502-A (P1) REV. 13 (06-17)

PRELIMINARY CHANGE OF OWNERSHIP REPORT

To be completed by the transferee (buyer) prior to a transfer of subject property, in accordance with section 480.3 of the Revenue and Taxation Code. A *Preliminary Change of Ownership Report* must be **filed with each conveyance in the County Recorder's office for the county where the property is located.**

FOR ASSESSOR'S USE ONLY

ASSESSOR'S PARCEL NUMBER
492-180-051

SELLER/TRANSFEROR
City of Roseville

BUYER'S DAYTIME TELEPHONE NUMBER
( )

BUYER'S EMAIL ADDRESS

STREET ADDRESS OR PHYSICAL LOCATION OF REAL PROPERTY
Lot D Fiddyment Ranch Phase 2, Village 16-A in Book CC of Maps, Page 69

☐ YES ☒ NO This property is intended as my principal residence. If YES, please indicate the date of occupancy or intended occupancy. MO | DAY | YEAR

☐ YES ☒ NO Are you a disabled veteran or a unmarried surviving spouse of a disabled veteran who was compensated at 100% by the Department of Veterans Affairs?

MAIL PROPERTY TAX INFORMATION TO (NAME)
Lennar Homes of California, Inc.

MAIL PROPERTY TAX INFORMATION TO (ADDRESS) | CITY | STATE | ZIP CODE

PART 1. TRANSFER INFORMATION

Please complete all statements.

This section contains possible exclusions from reassessment for certain types of transfers.

YES NO

☐ ☒ A. This transfer is solely between spouses *(addition or removal of a spouse, death of a spouse, divorce settlement, etc.)*.

☐ ☒ B. This transfer is solely between domestic partners currently registered with the California Secretary of State *(addition or removal of a partner, death of a partner, termination settlement, etc.)*.

☐ ☒ *C. This is a transfer: ☐ between parent(s) and child(ren) ☐ from grandparent(s) to grandchild(ren).

☐ ☒ *D. This transfer is the result of a cotenant's death. Date of death _____

☐ ☒ *E. This transaction is to replace a principal residence by a person 55 years of age or older. Within the same county? ☐ YES ☐ NO

☐ ☒ *F. This transaction is to replace a principal residence by a person who is severely disabled as defined by Revenue and Taxation Code section 69.5. Within the same county? ☐ YES ☐ NO

☐ ☒ G. This transaction is only a correction of the name(s) of the person(s) holding title to the property *(e.g., a name change upon marriage)*. If YES, please explain: _____

☐ ☒ H. The recorded document creates, terminates, or reconveys a lender's interest in the property.

☐ ☒ I. This transaction is recorded only as a requirement for financing purposes or to create, terminate, or reconvey a security interest *(e.g., cosigner)*. If YES, please explain: _____

☐ ☒ J. The recorded document substitutes a trustee of a trust, mortgage, or other similar document.

K. This is a transfer of property:

☐ ☒ 1. to/from a revocable trust that may be revoked by the transferor and is for the benefit of ☐ the transferor, and/or ☐ the transferor's spouse ☐ registered domestic partner.

☐ ☒ 2. to/from an irrevocable trust for the benefit of the ☐ creator/grantor/trustor and/or ☐ grantor's/trustor's spouse ☐ grantor's/trustor's registered domestic partner.

☐ ☒ L. This property is subject to a lease with a remaining lease term of 35 years or more including written options.

☐ ☒ M. This is a transfer between parties in which proportional interests of the transferor(s) and transferee(s) in each and every parcel being transferred remain exactly the same after the transfer.

☐ ☒ N. This is a transfer subject to subsidized low-income housing requirements with governmentally imposed restrictions or restrictions imposed by special nonprofit corporations.

☐ ☒ *O. This transfer is to the first purchaser of a new building containing an active solar energy system.

☒ ☐ P. Other. This transfer is to Property conveyed back to the Subdivider pursuant to Government Code Section 66477.5(c)

* Please refer to the instructions for Part 1.

Please provide any other information that will help the Assessor understand the nature of the transfer.

THIS DOCUMENT IS NOT SUBJECT TO PUBLIC INSPECTION

PART 2. OTHER TRANSFER INFORMATION

Check and complete as applicable.

A. Date of transfer, if other than recording date: _____

B. Type of transfer:

☐ Purchase ☐ Foreclosure ☐ Gift ☐ Trade or exchange ☐ Merger, stock, or partnership acquisition (Form BOE-100-B)

☐ Contract of sale. Date of contract: _____ ☐ Inheritance. Date of death: _____

☐ Sale/leaseback ☐ Creation of a lease ☐ Assignment of a lease ☐ Termination of a lease. Date lease began: _____

Original term in years *(including written options)*: _____ Remaining term in years *(including written options)*: _____

☐ Other. Please explain: _____

C. Only a partial interest in the property was transferred. ☐ YES ☐ NO If YES, indicate the percentage transferred: _____ %

PART 3. PURCHASE PRICE AND TERMS OF SALE

Check and complete as applicable.

A. Total purchase price. $_____

B. Cash down payment or value of trade or exchange excluding closing costs Amount $_____

C. First deed of trust @ _____% interest for _____years. Monthly payment $ _____ Amount $_____

☐ FHA (___Discount Points) ☐ Cal-Vet ☐ VA(___Discount Points) ☐ Fixed rate ☐ Variable rate

☐ Bank/Savings & Loan/Credit Union ☐ Loan carried by seller

☐ Balloon payment $ _____ Due date: _____

D. Second deed of trust @ _____% interest for _____years. Monthly payment $ _____ Amount $_____

☐ Fixed rate ☐ Variable rate ☐ Bank/Saving & Loan/Credit Union ☐ Loan carried by seller

☐ Balloon payment $ _____ Due date: _____

E. ☐ Was an improvement Bond or other public financing assumed by the buyer? ☐ YES ☐ NO Outstanding balance $_____

F. Amount, if any, of real estate commission fees paid by the buyer which are not included in the purchase price $_____

G. The property was purchased: ☐ Through real estate broker. Broker name: _____ Phone Number: (___) _____

☐ Direct from seller ☐ From a family member-Relationship _____

☐ Other. Please explain: _____

H. Please explain any special terms, seller concessions, broker/agent fees waived, financing, and any other information (e.g., buyer assumed the existing loan balance) that would assist the Assessor in the valuation of your property.

_____

PART 4. PROPERTY INFORMATION

Check and complete as applicable.

A. Type of property transferred

☐ Single-family residence
☐ Multiple-family residence. Number of units: _____
☐ Other. Description: (i.e., timber, mineral, water rights, etc.)

☐ Co-op/Own-your-own
☐ Condominium
☐ Timeshare

☐ Manufactured home
☐ Unimproved lot
☐ Commercial/Industrial

_____

B. ☐ YES ☐ NO Personal/business property, or incentives, provided by seller to buyer are included in the purchase price. Examples of personal property are furniture, farm equipment, machinery, etc. Examples of incentives are club memberships, etc. Attach list if available.

If YES, enter the value of the personal/business property: $_____ Incentives $_____

C. ☐ YES ☐ NO A manufactured home is included in the purchase price.

If YES, enter the value attributed to the manufactured home: $_____

☐ YES ☐ NO The manufactured home is subject to local property tax. If NO, enter the decal number: _____

D. ☐ YES ☐ NO The property produces rental or other income.

If YES, the income is from: ☐ Lease/rent ☐ Contract ☐ Mineral rights ☐ Other: _____

E. The condition of the property at the time of sale was: ☐ Good ☐ Average ☐ Fair ☐ Poor

Please describe: _____

CERTIFICATION

I certify (or declare) that the foregoing and all information hereon, including any accompanying statements or documents, is true and correct to the best of my knowledge and belief.

SIGNATURE OF BUYER/TRANSFEREE OR CORPORATE OFFICER ▶	DATE	TELEPHONE ( )
NAME OF BUYER/TRANSFEREE/LEGAL REPRESENTATIVE/CORPORATE OFFICER (PLEASE PRINT)	TITLE	EMAIL ADDRESS

The Assessor's office may contact you for additional information regarding this transaction.

ADDITIONAL INFORMATION

Please answer all questions in each section, and sign and complete the certification before filing. This form may be used in all 58 California counties. If a document evidencing a change in ownership is presented to the Recorder for recordation without the concurrent filing of a *Preliminary Change of Ownership Report*, the Recorder may charge an additional recording fee of twenty dollars ($20).

NOTICE: The property which you acquired may be subject to a supplemental assessment in an amount to be determined by the County Assessor. Supplemental assessments are not paid by the title or escrow company at close of escrow, and are not included in lender impound accounts. **You may be responsible for the current or upcoming property taxes even if you do not receive the tax bill.**

NAME AND MAILING ADDRESS OF BUYER: Please make necessary corrections to the printed name and mailing address. Enter Assessor's Parcel Number, name of seller, buyer's daytime telephone number, buyer's email address, and street address or physical location of the real property.

NOTE: Your telephone number and/or email address is very important. If there is a question or a problem, the Assessor needs to be able to contact you.

MAIL PROPERTY TAX INFORMATION TO: Enter the name, address, city, state, and zip code where property tax information should be mailed. This must be a valid mailing address.

PRINCIPAL RESIDENCE: To help you determine your principal residence, consider (1) where you are registered to vote, (2) the home address on your automobile registration, and (3) where you normally return after work. If after considering these criteria you are still uncertain, choose the place at which you have spent the major portion of your time this year. Check YES if the property is intended as your principal residence, and indicate the date of occupancy or intended occupancy.

DISABLED VETERAN: If you checked YES, you may qualify for a property tax exemption. **A claim form must be filed and all requirements met in order to obtain the exemption. Please contact the Assessor for a claim form.**

PART 1: TRANSFER INFORMATION

If you check YES to any of these statements, the Assessor may ask for supporting documentation.

C,D,E, F: If you checked YES to any of these statements, you may qualify for a property tax reassessment exclusion, which may allow you to maintain your property's previous tax base. **A claim form must be filed and all requirements met in order to obtain any of these exclusions.** Contact the Assessor for claim forms. NOTE: If you give someone money or property during your life, you may be subject to federal gift tax. You make a gift if you give property (including money), the use of property, or the right to receive income from property without expecting to receive something of at least equal value in return. The transferor (donor) may be required to file Form 709, Federal Gift Tax Return, with the Internal Revenue Service if they make gifts in excess of the annual exclusion amount.

G: Check YES if the reason for recording is to correct a name already on title [e.g., Mary Jones, who acquired title as Mary J. Smith, is granting to Mary Jones]. This is not for use when a name is being removed from title.

H: Check YES if the change involves a lender, who holds title for security purposes on a loan, and who has no other beneficial interest in the property.

> "**Beneficial interest**" is the right to enjoy all the benefits of property ownership. Those benefits include the right to use, sell, mortgage, or lease the property to another. A beneficial interest can be held by the beneficiary of a trust, while legal control of the trust is held by the trustee.

I: A "**cosigner**" is a third party to a mortgage/loan who provides a guarantee that a loan will be repaid. The cosigner signs an agreement with the lender stating that if the borrower fails to repay the loan, the cosigner will assume legal liability for it.

M: This is primarily for use when the transfer is into, out of, or between legal entities such as partnerships, corporations, or limited liability companies. Check YES only if the interest held in each and every parcel being transferred remains exactly the same.

N: Check YES only if property is subject to a government or nonprofit affordable housing program that imposes restrictions. Property may qualify for a restricted valuation method (i.e., may result in lower taxes).

O: If you checked YES, you may qualify for a new construction property tax exclusion. **A claim form must be filed and all requirements met in order to obtain the exclusion. Contact the Assessor for a claim form.**

PART 2: OTHER TRANSFER INFORMATION

A: The date of recording is rebuttably presumed to be the date of transfer. If you believe the date of transfer was a different date (e.g., the transfer was by an unrecorded contract, or a lease identifies a specific start date), put the date you believe is the correct transfer date. If it is not the date of recording, the Assessor may ask you for supporting documentation.

B: Check the box that corresponds to the type of transfer. If OTHER is checked, please provide a detailed description. Attach a separate sheet if necessary.

C. If this transfer was the result of an inheritance following the death of the property owner, please complete a *Change in Ownership Statement, Death of Real Property Owner*, form BOE-502-D, if not already filed with the Assessor's office.

PART 3: PURCHASE PRICE AND TERMS OF SALE

It is important to complete this section completely and accurately. The reported purchase price and terms of sale are important factors in determining the assessed value of the property, which is used to calculate your property tax bill. Your failure to provide any required or requested information may result in an inaccurate assessment of the property and in an overpayment or underpayment of taxes.

A. Enter the total purchase price, not including closing costs or mortgage insurance.

> **"Mortgage insurance"** is insurance protecting a lender against loss from a mortgagor's default, issued by the FHA or a private mortgage insurer.

B. Enter the amount of the down payment, whether paid in cash or by an exchange. If through an exchange, exclude the closing costs.

> **"Closing costs"** are fees and expenses, over and above the price of the property, incurred by the buyer and/or seller, which include title searches, lawyer's fees, survey charges, and document recording fees.

C. Enter the amount of the First Deed of Trust, if any. Check all the applicable boxes, and complete the information requested.

> A **"balloon payment"** is the final installment of a loan to be paid in an amount that is disproportionately larger than the regular installment.

D. Enter the amount of the Second Deed of Trust, if any. Check all the applicable boxes, and complete the information requested.

E. If there was an assumption of an improvement bond or other public financing with a remaining balance, enter the outstanding balance, and mark the applicable box.

> An **"improvement bond or other public financing"** is a lien against real property due to property-specific improvement financing, such as green or solar construction financing, assessment district bonds, Mello-Roos (a form of financing that can be used by cities, counties and special districts to finance major improvements and services within the particular district) or general improvement bonds, etc. Amounts for repayment of contractual assessments are included with the annual property tax bill.

F. Enter the amount of any real estate commission fees paid by the buyer which are not included in the purchase price.

G. If the property was purchased through a real estate broker, check that box and enter the broker's name and phone number. If the property was purchased directly from the seller (who is not a family member of one of the parties purchasing the property), check the "Direct from seller" box. If the property was purchased directly from a member of your family, or a family member of one of the parties who is purchasing the property, check the "From a family member" box and indicate the relationship of the family member (e.g., father, aunt, cousin, etc.). If the property was purchased by some other means (e.g., over the Internet, at auction, etc.), check the "OTHER" box and provide a detailed description (attach a separate sheet if necessary).

H. Describe any special terms (e.g., seller retains an unrecorded life estate in a portion of the property, etc.), seller concessions (e.g., seller agrees to replace roof, seller agrees to certain interior finish work, etc.), broker/agent fees waived (e.g., fees waived by the broker/agent for either the buyer or seller), financing, buyer paid commissions, and any other information that will assist the Assessor in determining the value of the property.

PART 4: PROPERTY INFORMATION

A. Indicate the property type or property right transferred. Property rights may include water, timber, mineral rights, etc.

B. Check YES if personal, business property or incentives are included in the purchase price in Part 3. Examples of personal or business property are furniture, farm equipment, machinery, etc. Examples of incentives are club memberships (golf, health, etc.), ski lift tickets, homeowners' dues, etc. Attach a list of items and their purchase price allocation. An adjustment will not be made if a detailed list is not provided.

C. Check YES if a manufactured home or homes are included in the purchase price. Indicate the purchase price directly attributable to each of the manufactured homes. If the manufactured home is registered through the Department of Motor Vehicles in lieu of being subject to property taxes, check NO and enter the decal number.

D. Check YES if the property was purchased or acquired with the intent to rent or lease it out to generate income, and indicate the source of that anticipated income. Check NO if the property will not generate income, or was purchased with the intent of being owner-occupied.

E. Provide your opinion of the condition of the property at the time of purchase. If the property is in "fair" or "poor" condition, include a brief description of repair needed.

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

ACCOMMODATION INSTRUCTIONS AND INDEMNITY

To: Old Republic Title Company
1420 Rocky Ridge, Suite 100
Roseville, CA 95661

Date: March 5, 2021
Escrow No.: 2121041436-TR
Escrow Officer: Tamara Robledo

The undersigned acknowledges they have read and understand the "Title Insurance Disclosure Statement" required pursuant to California Civil Code Section 1057.6, which is attached hereto and made a part hereof.

You are authorized and instructed to prepare a Grant Deed ("the Document") from The City of Roseville, a municipal corporation to Lennar Homes of California, Inc., a California corporation pertaining to real property commonly known as Lot D Fiddyment Ranch Phase 2, Village 16-A Book CC Maps, Page 69 to be recorded as an accommodation only.

You shall cause the Document to be recorded with the County Recorder in the County where the property is situated.

The undersigned acknowledges that Old Republic Title Company, hereinafter referred to as "the Company" is making no charge other than a document preparation fee, the recording fee, transfer tax, if any, and other charges incurred by the Company.

The transfer tax, if any, has been affixed at the sole direction of the undersigned. The Company is relieved of any liability and/or responsibility for the validity of said tax, the calculation thereof, or the effect said tax shall have on the future assessments of the property by the County Tax Collector.

The undersigned understand and hereby agree that the Company, its agents, officers or employees, have made no representation and do not assume any liability or responsibility of any kind whatsoever as to the validity or effect of the Document(s) or any provision contained therein.

You are to make no demand in connection therewith, and you are relieved of any liability and responsibility as to the condition of title to the property therein described and as to the validity, sufficiency and effect of the Document(s).

It is understood that the Company may affix it's "Accommodation Only" stamp or a similar stamp to the front of the Document or the following recital may be affixed to the Document(s) which is to be recorded pursuant to this request prior to its recording:

> This instrument is delivered to the Recorder's office as an accommodation by Old Republic Title Company for physical convenience only. It has not been examined as to its validity, execution or its effect upon title, if any.

You are not to issue any title insurance policy in regards to the Document(s) or the land described therein, if any. The undersigned has been advised of and having an understanding of the benefits afforded by being named as an insured in a CLTA standard coverage policy of title insurance, nevertheless do not desire to purchase a policy insuring the title to be acquired in the above referenced sale.

The undersigned acknowledge that the Company, its agents, officers and employees, have made no representations, written or oral, to the undersigned as to the condition of title of the subject real property and that the Company has not been directed or employed in any way to search title or otherwise determine the condition of the title to said real property.

The Company is unwilling to act as an agent or as escrow holder as requested unless the undersigned executes this agreement.

In consideration of the Company recording the Document(s) at the request of the undersigned, the undersigned hereby agree to save and hold the Company harmless against any and all loss or damage, including attorneys' fees and costs, arising directly or indirectly out of the recording(s) requested by the undersigned or occasioned by the undersigned's failure to purchase title insurance in connection with the purchase of the subject property.

The undersigned agrees to diligently provide for the defense of any action based upon said recording, counsel for which shall be reasonably approved by the Company. The undersigned will promptly do all things necessary or appropriate to hold harmless, protect and indemnify the Company, all of which shall be done at the sole expense of the undersigned. If the undersigned shall fail to do so, then the Company may do the same, and may pay, compromise or settle any suit, action, claim, or demand based thereon if the Company deems such actions necessary for protection, and the undersigned shall promptly reimburse the Company for any payment, expense or expenditure made or incurred in so doing.

Dated: _____

Lennar Homes of California, Inc.,
a California corporation

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

TITLE INSURANCE DISCLOSURE STATEMENT

(Required by section 1057.6 of Civil Code)

Date: March 5, 2021 Escrow No.: 2121041436-TR
Property: Lot D Fiddyment Ranch Phase 2, Village 16-A Book CC of Maps, Page 69

IMPORTANT: IN A PURCHASE OR EXCHANGE OF REAL PROPERTY, IT MAY BE ADVISABLE TO OBTAIN TITLE INSURANCE IN CONNECTION WITH THE CLOSE OF ESCROW SINCE THERE MAY BE PRIOR RECORDED LIENS AND ENCUMBRANCES WHICH AFFECT YOUR INTEREST IN THE PROPERTY BEING ACQUIRED. A NEW POLICY OF TITLE INSURANCE SHOULD BE OBTAINED IN ORDER TO ENSURE YOUR INTEREST IN THE PROPERTY THAT YOU ARE ACQUIRING.

The undersigned hereby acknowledges receipt of a copy of this Title Insurance Disclosure Statement.

Date: _____

Lennar Homes of California, Inc.,
a California corporation

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

AFFILIATED BUSINESS ARRANGEMENT DISCLOSURE

To: Lennar Homes of California, Inc., a California corporation
The City of Roseville, a municipal corporation

Escrow No.: 2121041436-TR

From: Old Republic Title Company

Property: Lot D Fiddyment Ranch Phase 2, Village 16-A Book CC of Maps, Page 69

This is to give you notice that Old Republic Title Company has a business relationship with eRecording Partners Network (ePN). More specifically, Old Republic Title Company and ePN are affiliates, commonly and wholly owned by Old Republic National Title Holding Company. Because of this relationship, this referral may provide Old Republic Title Company, its parent company and/or affiliates a financial or other benefit.

Set forth below is the estimated charge or range of charges ePN generally makes for the recording services listed. You are NOT required to use ePN as a condition for obtaining title insurance or escrow services from Old Republic Title Company. THERE ARE FREQUENTLY OTHER SETTLEMENT SERVICE PROVIDERS AVAILABLE WITH SIMILAR SERVICES. YOU ARE FREE TO SHOP AROUND TO DETERMINE THAT YOU ARE RECEIVING THE BEST SERVICES AND THE BEST RATE FOR THESE SERVICES.

ePN Services	Estimated Charges or Range of Charges*
Per Document Fee for In-House Recording Agents, and electronic or paper recordings as feasible, including pre-check file processing, file transportation, and return mailings as needed, since not all California counties can accommodate eRecording	$5.00 / Document

*These charges are in addition to any charges made by a County Recorder to record the documents.

ACKNOWLEDGMENT

I/we have read this disclosure form, and understand that Old Republic Title Company is referring me/us to purchase the above-described settlement service(s) and that it, and/or its parent company and/or affiliates may receive a financial or other benefit as the result of this referral.

Lennar Homes of California, Inc.,
a California corporation

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

RESOLUTION NO. 21-200

TERMINATING THE IN FEE IRREVOCABLE OFFER OF DEDICATION OF LOT 21 IN THE FIDDYMENT RANCH PHASE 2 VILLAGE 16A SUBDIVISION, AUTHORIZING THE CITY MANAGER TO EXECUTE A QUITCLAIM DEED AND AUTHORIZING THE CITY MANAGER TO EXECUTE ESCROW INSTRUCTIONS AND ANY OTHER DOCUMENTS REQUIRED TO EFFECTUATE THE TERMINATION OF THE IN FEE IRREVOCABLE OFFER OF DEDICATION

WHEREAS, on April 1, 2020, the City Council approved the Fiddyment Ranch Development Agreement Amendment #8 ("FRDAA8") in which Lot D and a portion of Lot 21, were to be merged into one single family lot effectuated by exchanging Lot D, owned by the City, for a certain portion of Lot 21 needed by the City for existing City monitoring wells; and

WHEREAS, Lot D was dedicated to the City as public right of way and public utility easement on the final map of Fiddyment Ranch Phase 2 Village 16A to access Lot 21 and provide utility needs thereto; and

WHEREAS, Lot 21 is currently owned by Jen California 15, LLC, but was irrevocably offered in fee to the City for certain City purposes on the Fiddyment Ranch Phase 2 Large Lot map (final map, filed for record July 28, 2006, in Book BB of Maps, at Page 24 and as Document 2006-0081097, Placer County Records), but that the City rejected that offer and reserved its right to accept that dedication at a later date pursuant to the Subdivision Map Act; and

WHEREAS, the City since determined that Lot 21 was not viable as a ground water production well site, and that the City only needed a smaller portion of Lot 21 to maintain existing monitoring wells, that the City's interest in Lot 21 will be quit claimed by the City back to the developer, Jen California 15, LLC pursuant to the Council-approved FRDAA8, and the developer will then convey to the City by grant deed the portion of Lot 21 needed by the City; and

WHEREAS, staff recommends that the City terminate the in fee irrevocable offer of Lot 21 of the Fiddyment Ranch Phase 2 Village 16A subdivision; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that said In Fee Irrevocable Offer of Dedication, as described in Exhibits A and A-1, is hereby terminated.

BE IT FURTHER RESOLVED that the City Manager is hereby authorized to execute a Quitclaim Deed, escrow instructions, and any other documents required to effectuate the termination of the In Fee Irrevocable Offer of Dedication on behalf of the City of Roseville, and the City Clerk is directed to record this Resolution of Termination with the Placer County Recorder and any other required documents.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

EXHIBIT "A"
FIDDYMENT RANCH F-66
LEGAL DESCRIPTION FOR
QUITCLAIM OF IOD

All of Lot 21, as said lot is shown on that certain "Final Map of Fiddyment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11", filed for record July 28, 2006, in Book BB of Maps, at Page 24, Placer County Records, situate within the West Half of Section 18, Township 11 North, Range 6 East, Mount Diablo Base & Meridian, City of Roseville, County of Placer, State of California, being more particularly described as follows:

BEGINNING at a point which is the most southerly corner of said Lot 21; thence from said **POINT OF BEGINNING**, along the westerly, northerly, easterly and southerly lines of said Lot 21, the following five (5) courses and distances:

1) North 00°26'58" West, a distance of 138.39 feet;
2) North 90°00'00" East, a distance of 100.18 feet;
3) South 00°12'59" East, a distance of 47.66 feet;
4) South 38°06'53" West, a distance of 63.09 feet;
5) South 55°44'42" West, a distance of 73.00 feet to the **POINT OF BEGINNING**.

Containing 10,003 square feet, more or less.

See Exhibit 'B', plat to accompany description, attached hereto and made a part hereof.

The Basis of Bearings for this description is identical to said Final Map of Fiddyment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11", filed for record July 28, 2006, in Book BB of Maps, at Page 24, Placer County Records and is the west line of Lot 21, as said lot is shown thereon. The bearing of said line is North 00°26'58"West.

END OF DESCRIPTION

January 28, 2021

Dennis L. Barber, PLS 8067

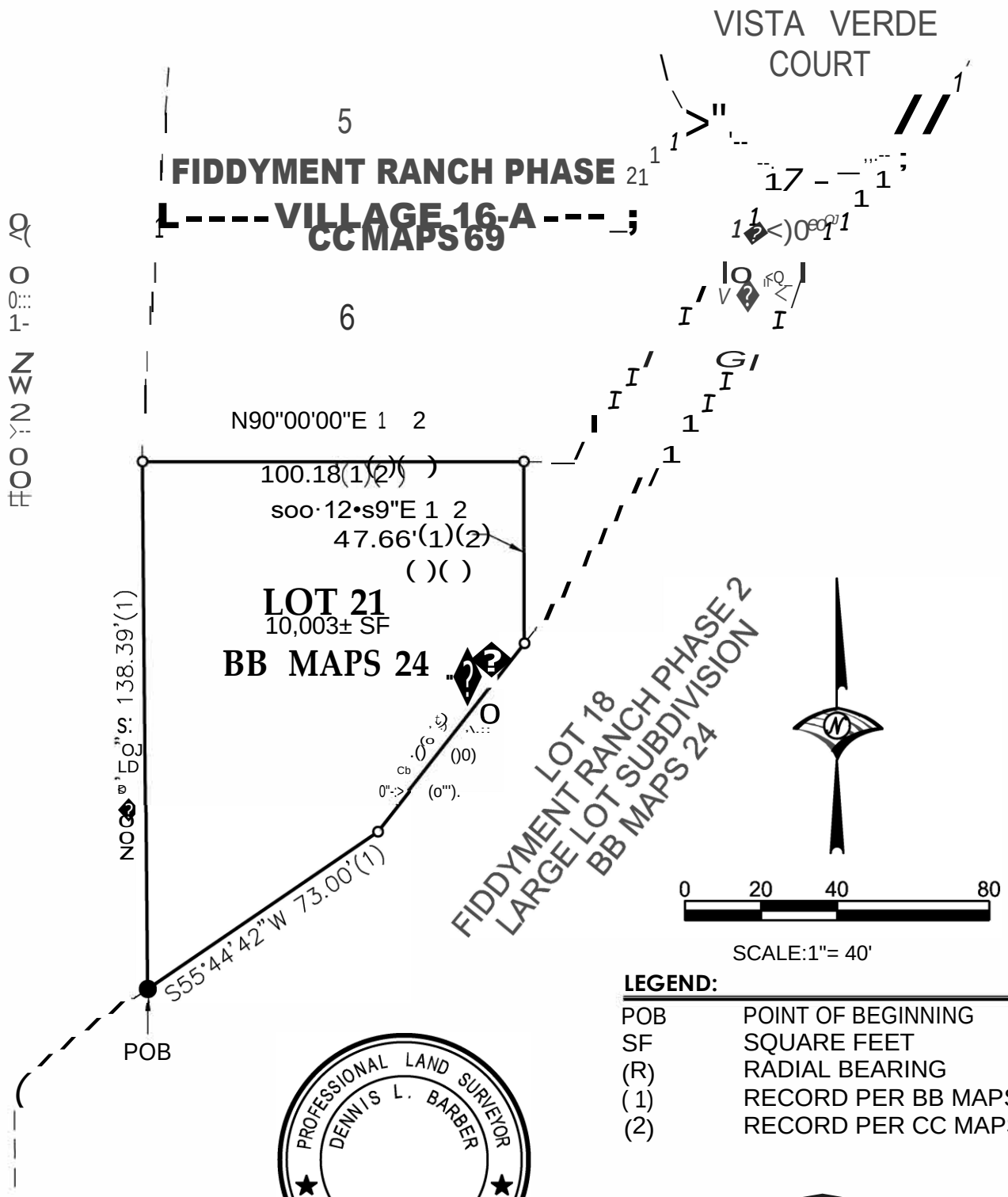
PREPARED BY WOOD RODGERS, INC
SACRAMENTO, CALIFORNIA

EXHIBIT 'A-1'

PLAT TO ACCOMPANY
DESCRIPTION

FIDDYMENT RANCHF-66
QUITCLAIM OF IOD LOT
21 - BB MAPS 24

CITY OF ROSEVILLE
COUNTY OF PLACER STATE OF CALIFORNIA



SCALE:1"= 40'

LEGEND:

POB	POINT OF BEGINNING
SF	SQUARE FEET
(R)	RADIAL BEARING
(1)	RECORD PER BB MAPS 24
(2)	RECORD PER CC MAPS 69

PROFESSIONAL LAND SURVEYOR
DENNIS L. BARBER
No. 8067
STATE OF CALIFORNIA

L&JCCO -RCOGE:R:S
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C ST, BLDG. 100-B TEL 916.341. 7760
SACRAMENTO, CA95B16 FAX 916.341.7767

JANUARY 28, 2021 1027.001 SHEET 1 OF 1

EXHIBIT "B"
FIDDYMENT RANCH F-66
LEGAL DESCRIPTION FOR
QUITCLAIM OF IOD

All of Lot 21, as said lot is shown on that certain "Final Map of Fiddyment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11", filed for record July 28, 2006, in Book BB of Maps, at Page 24, Placer County Records, situate within the West Half of Section 18, Township 11 North, Range 6 East, Mount Diablo Base & Meridian, City of Roseville, County of Placer, State of California, being more particularly described as follows:

BEGINNING at a point which is the most southerly corner of said Lot 21; thence from said **POINT OF BEGINNING**, along the westerly, northerly, easterly and southerly lines of said Lot 21, the following five (5) courses and distances:

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2) North 90°00'00" East, a distance of 100.18 feet;
3) South 00°12'59" East, a distance of 47.66 feet;
4) South 38°06'53" West, a distance of 63.09 feet;
5) South 55°44'42" West, a distance of 73.00 feet to the **POINT OF BEGINNING**.

Containing 10,003 square feet, more or less.

See Exhibit 'B', plat to accompany description, attached hereto and made a part hereof.

The Basis of Bearings for this description is identical to said Final Map of Fiddyment Ranch Phase 2 Large Lot Subdivision, Subdivision No. 03-11", filed for record July 28, 2006, in Book BB of Maps, at Page 24, Placer County Records and is the west line of Lot 21, as said lot is shown thereon. The bearing of said line is North 00°26'58" West.

END OF DESCRIPTION

January 28, 2021

Dennis L. Barber, PLS 8067

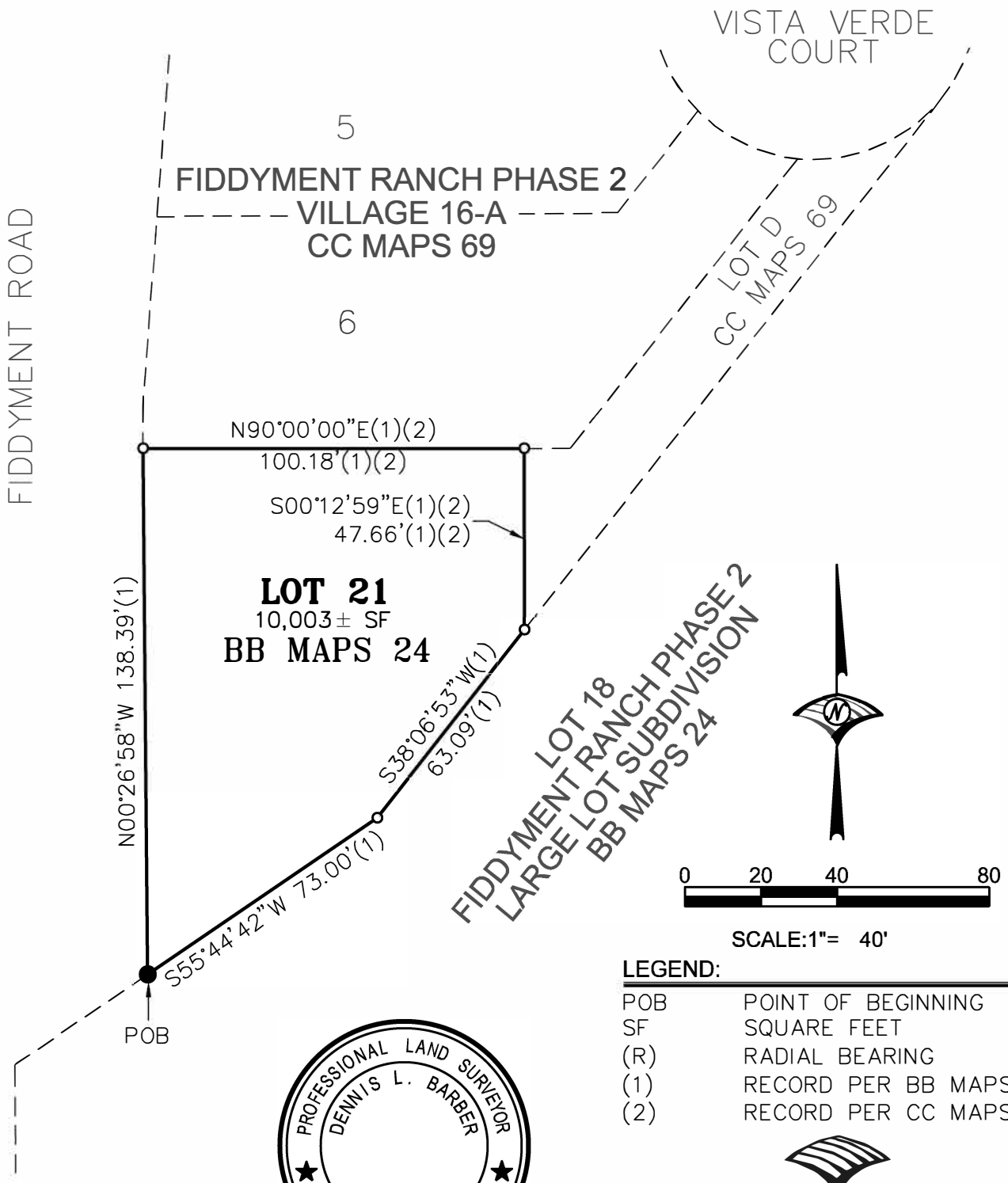
PREPARED BY WOOD RODGERS, INC
SACRAMENTO, CALIFORNIA

EXHIBIT 'B-1'

PLAT TO ACCOMPANY
DESCRIPTION

FIDDYMENT RANCH F-66
QUITCLAIM OF IOD
LOT 21 - BB MAPS 24

CITY OF ROSEVILLE
COUNTY OF PLACER STATE OF CALIFORNIA



SCALE:1"= 40'

LEGEND:

POB	POINT OF BEGINNING
SF	SQUARE FEET
(R)	RADIAL BEARING
(1)	RECORD PER BB MAPS 24
(2)	RECORD PER CC MAPS 69

PROFESSIONAL LAND SURVEYOR
DENNIS L. BARBER
No. 8067
STATE OF CALIFORNIA

WOOD RODGERS
BUILDING RELATIONSHIPS ONE PROJECT AT A TIME
3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

JANUARY 28, 2021 1027.001 SHEET 1 OF 1

RECORDING REQUESTED BY:

APN No.: 492-013-009-000

WHEN RECORDED MAIL TO

JEN California 15, LLC
508 Gibson Drive, Suite 260
Roseville, CA 95678

SPACE ABOVE THIS LINE FOR RECORDERS USE

Quit Claim Deed

Exempt from fee per GC27388.1(a)(2); document is executed or recorded by the state or any county, municipality, or other political subdivision of the state

The undersigned grantor(s) declare(s):
Documentary transfer tax is $0.00 Property conveyed back to the Subdivider or the successor in interest pursuant to Government Code Section 66477.5(c)
( ) computed on full value of property conveyed, or
( ) computed on full value less value of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: (X) City of Roseville
( ) Realty not sold.

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
The City of Roseville, a municipal corporation

hereby REMISE(S), RELEASE(S) AND FOREVER QUITCLAIM(S) to
JEN California 15 LLC, a California limited liability company

that property in City of Roseville, County of Placer, State of California, described as:
See "Exhibit A" attached hereto and made a part hereof.

This Quitclaim Deed is being recorded for the purpose of extinquishing an Irrevocable Offer of Dedication as shown on the Final Map of Subdivision No. 03-11, entitled "Fiddyment Ranch Phase 2", filed July 28, 2006 in Book BB of Maps, at Page 24 in the Office of the Placer County Recorder.

Mail Tax Statements to Grantee at address above
Date March 04, 2021

The City of Roseville, a municipal corporation

Dominick Casey
City Manager

MAIL TAX STATEMENTS AS DIRECTED ABOVE

EXHIBIT A

The land referred to is situated in the County of Placer, City of Roseville, State of California, and is described as follows:

Lot 21, as said Lot is shown and designated on the Final Map of Subdivision No. 03-11, entitled "Fiddyment Ranch Phase 2", filed July 28, 2006 in Book BB of Maps, at Page 24 in the Office of the Placer County Recorder.

APN: 492-013-009-000

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____
County of _____

On _____ before me, _____ a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

Name: _____
(Typed or Printed)

(Seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

BOE-502-A (P1) REV. 13 (06-17)

PRELIMINARY CHANGE OF OWNERSHIP REPORT

To be completed by the transferee (buyer) prior to a transfer of subject property, in accordance with section 480.3 of the Revenue and Taxation Code. A *Preliminary Change of Ownership Report* must be **filed with each conveyance in the County Recorder's office for the county where the property is located.**

FOR ASSESSOR'S USE ONLY

ASSESSOR'S PARCEL NUMBER
492-013-009

SELLER/TRANSFEROR
City of Roseville

BUYER'S DAYTIME TELEPHONE NUMBER
( )

BUYER'S EMAIL ADDRESS

STREET ADDRESS OR PHYSICAL LOCATION OF REAL PROPERTY
Lot 21 Fiddyment Ranch Phase 2 Book BB of Maps at Page 24

☐ YES ☒ NO This property is intended as my principal residence. If YES, please indicate the date of occupancy or intended occupancy.

MO	DAY	YEAR

☐ YES ☒ NO Are you a disabled veteran or a unmarried surviving spouse of a disabled veteran who was compensated at 100% by the Department of Veterans Affairs?

MAIL PROPERTY TAX INFORMATION TO (NAME)
JEN California 15 LLC

MAIL PROPERTY TAX INFORMATION TO (ADDRESS)	CITY	STATE	ZIP CODE
508 Gibson Drive, Suite 260	Roseville	CA	95678

PART 1. TRANSFER INFORMATION

Please complete all statements.

This section contains possible exclusions from reassessment for certain types of transfers.

YES NO

☐ ☒ A. This transfer is solely between spouses *(addition or removal of a spouse, death of a spouse, divorce settlement, etc.)*.

☐ ☒ B. This transfer is solely between domestic partners currently registered with the California Secretary of State *(addition or removal of a partner, death of a partner, termination settlement, etc.)*.

☐ ☒ *C. This is a transfer: ☐ between parent(s) and child(ren) ☐ from grandparent(s) to grandchild(ren).

☐ ☒ *D. This transfer is the result of a cotenant's death. Date of death _____

☐ ☒ *E. This transaction is to replace a principal residence by a person 55 years of age or older. Within the same county? ☐ YES ☐ NO

☐ ☒ *F. This transaction is to replace a principal residence by a person who is severely disabled as defined by Revenue and Taxation Code section 69.5. Within the same county? ☐ YES ☐ NO

☐ ☒ G. This transaction is only a correction of the name(s) of the person(s) holding title to the property *(e.g., a name change upon marriage)*. If YES, please explain: _____

☐ ☒ H. The recorded document creates, terminates, or reconveys a lender's interest in the property.

☐ ☒ I. This transaction is recorded only as a requirement for financing purposes or to create, terminate, or reconvey a security interest *(e.g., cosigner)*. If YES, please explain: _____

☐ ☒ J. The recorded document substitutes a trustee of a trust, mortgage, or other similar document.

K. This is a transfer of property:

☐ ☒ 1. to/from a revocable trust that may be revoked by the transferor and is for the benefit of ☐ the transferor, and/or ☐ the transferor's spouse ☐ registered domestic partner.

☐ ☒ 2. to/from an irrevocable trust for the benefit of the ☐ creator/grantor/trustor and/or ☐ grantor's/trustor's spouse ☐ grantor's/trustor's registered domestic partner.

☐ ☒ L. This property is subject to a lease with a remaining lease term of 35 years or more including written options.

☐ ☒ M. This is a transfer between parties in which proportional interests of the transferor(s) and transferee(s) in each and every parcel being transferred remain exactly the same after the transfer.

☐ ☒ N. This is a transfer subject to subsidized low-income housing requirements with governmentally imposed restrictions or restrictions imposed by special nonprofit corporations.

☐ ☒ *O. This transfer is to the first purchaser of a new building containing an active solar energy system.

☒ ☐ P. Other. This transfer is to Property conveyed back to the Subdivider or the successor in interest pursuant to Government Code Section 66477.5(c)

* Please refer to the instructions for Part 1.

Please provide any other information that will help the Assessor understand the nature of the transfer.

THIS DOCUMENT IS NOT SUBJECT TO PUBLIC INSPECTION

PART 2. OTHER TRANSFER INFORMATION

Check and complete as applicable.

A. Date of transfer, if other than recording date: _____

B. Type of transfer:

☐ Purchase ☐ Foreclosure ☐ Gift ☐ Trade or exchange ☐ Merger, stock, or partnership acquisition (Form BOE-100-B)

☐ Contract of sale. Date of contract: _____ ☐ Inheritance. Date of death: _____

☐ Sale/leaseback ☐ Creation of a lease ☐ Assignment of a lease ☐ Termination of a lease. Date lease began: _____

Original term in years *(including written options)*: _____ Remaining term in years *(including written options)*: _____

☐ Other. Please explain: _____

C. Only a partial interest in the property was transferred. ☐ YES ☐ NO If YES, indicate the percentage transferred: _____ %

PART 3. PURCHASE PRICE AND TERMS OF SALE

Check and complete as applicable.

A. Total purchase price. $_____

B. Cash down payment or value of trade or exchange excluding closing costs Amount $_____

C. First deed of trust @ _____% interest for _____years. Monthly payment $ _____ Amount $_____

☐ FHA (___Discount Points) ☐ Cal-Vet ☐ VA(___Discount Points) ☐ Fixed rate ☐ Variable rate

☐ Bank/Savings & Loan/Credit Union ☐ Loan carried by seller

☐ Balloon payment $ _____ Due date: _____

D. Second deed of trust @ _____% interest for _____years. Monthly payment $ _____ Amount $_____

☐ Fixed rate ☐ Variable rate ☐ Bank/Saving & Loan/Credit Union ☐ Loan carried by seller

☐ Balloon payment $ _____ Due date: _____

E. ☐ Was an improvement Bond or other public financing assumed by the buyer? ☐ YES ☐ NO Outstanding balance $_____

F. Amount, if any, of real estate commission fees paid by the buyer which are not included in the purchase price $_____

G. The property was purchased: ☐ Through real estate broker. Broker name: _____ Phone Number: (___) _____

☐ Direct from seller ☐ From a family member-Relationship _____

☐ Other. Please explain: _____

H. Please explain any special terms, seller concessions, broker/agent fees waived, financing, and any other information (e.g., buyer assumed the existing loan balance) that would assist the Assessor in the valuation of your property.

PART 4. PROPERTY INFORMATION

Check and complete as applicable.

A. Type of property transferred

☐ Single-family residence
☐ Multiple-family residence. Number of units: _____
☐ Other. Description: (i.e., timber, mineral, water rights, etc.) _____
☐ Co-op/Own-your-own
☐ Condominium
☐ Timeshare
☐ Manufactured home
☐ Unimproved lot
☐ Commercial/Industrial

B. ☐ YES ☐ NO Personal/business property, or incentives, provided by seller to buyer are included in the purchase price. Examples of personal property are furniture, farm equipment, machinery, etc. Examples of incentives are club memberships, etc. Attach list if available.

If YES, enter the value of the personal/business property: $_____ Incentives $_____

C. ☐ YES ☐ NO A manufactured home is included in the purchase price.

If YES, enter the value attributed to the manufactured home: $_____

☐ YES ☐ NO The manufactured home is subject to local property tax. If NO, enter the decal number: _____

D. ☐ YES ☐ NO The property produces rental or other income.

If YES, the income is from: ☐ Lease/rent ☐ Contract ☐ Mineral rights ☐ Other: _____

E. The condition of the property at the time of sale was: ☐ Good ☐ Average ☐ Fair ☐ Poor

Please describe: _____

CERTIFICATION

I certify (or declare) that the foregoing and all information hereon, including any accompanying statements or documents, is true and correct to the best of my knowledge and belief.

SIGNATURE OF BUYER/TRANSFEREE OR CORPORATE OFFICER ▶	DATE	TELEPHONE ( )
NAME OF BUYER/TRANSFEREE/LEGAL REPRESENTATIVE/CORPORATE OFFICER (PLEASE PRINT)	TITLE	EMAIL ADDRESS

The Assessor's office may contact you for additional information regarding this transaction.

ADDITIONAL INFORMATION

Please answer all questions in each section, and sign and complete the certification before filing. This form may be used in all 58 California counties. If a document evidencing a change in ownership is presented to the Recorder for recordation without the concurrent filing of a *Preliminary Change of Ownership Report*, the Recorder may charge an additional recording fee of twenty dollars ($20).

NOTICE: The property which you acquired may be subject to a supplemental assessment in an amount to be determined by the County Assessor. Supplemental assessments are not paid by the title or escrow company at close of escrow, and are not included in lender impound accounts. **You may be responsible for the current or upcoming property taxes even if you do not receive the tax bill.**

NAME AND MAILING ADDRESS OF BUYER: Please make necessary corrections to the printed name and mailing address. Enter Assessor's Parcel Number, name of seller, buyer's daytime telephone number, buyer's email address, and street address or physical location of the real property.

NOTE: Your telephone number and/or email address is very important. If there is a question or a problem, the Assessor needs to be able to contact you.

MAIL PROPERTY TAX INFORMATION TO: Enter the name, address, city, state, and zip code where property tax information should be mailed. This must be a valid mailing address.

PRINCIPAL RESIDENCE: To help you determine your principal residence, consider (1) where you are registered to vote, (2) the home address on your automobile registration, and (3) where you normally return after work. If after considering these criteria you are still uncertain, choose the place at which you have spent the major portion of your time this year. Check YES if the property is intended as your principal residence, and indicate the date of occupancy or intended occupancy.

DISABLED VETERAN: If you checked YES, you may qualify for a property tax exemption. **A claim form must be filed and all requirements met in order to obtain the exemption. Please contact the Assessor for a claim form.**

PART 1: TRANSFER INFORMATION

If you check YES to any of these statements, the Assessor may ask for supporting documentation.

C,D,E, F: If you checked YES to any of these statements, you may qualify for a property tax reassessment exclusion, which may allow you to maintain your property's previous tax base. **A claim form must be filed and all requirements met in order to obtain any of these exclusions.** Contact the Assessor for claim forms. NOTE: If you give someone money or property during your life, you may be subject to federal gift tax. You make a gift if you give property (including money), the use of property, or the right to receive income from property without expecting to receive something of at least equal value in return. The transferor (donor) may be required to file Form 709, Federal Gift Tax Return, with the Internal Revenue Service if they make gifts in excess of the annual exclusion amount.

G: Check YES if the reason for recording is to correct a name already on title [e.g., Mary Jones, who acquired title as Mary J. Smith, is granting to Mary Jones]. This is not for use when a name is being removed from title.

H: Check YES if the change involves a lender, who holds title for security purposes on a loan, and who has no other beneficial interest in the property.

> "**Beneficial interest**" is the right to enjoy all the benefits of property ownership. Those benefits include the right to use, sell, mortgage, or lease the property to another. A beneficial interest can be held by the beneficiary of a trust, while legal control of the trust is held by the trustee.

I: A "**cosigner**" is a third party to a mortgage/loan who provides a guarantee that a loan will be repaid. The cosigner signs an agreement with the lender stating that if the borrower fails to repay the loan, the cosigner will assume legal liability for it.

M: This is primarily for use when the transfer is into, out of, or between legal entities such as partnerships, corporations, or limited liability companies. Check YES only if the interest held in each and every parcel being transferred remains exactly the same.

N: Check YES only if property is subject to a government or nonprofit affordable housing program that imposes restrictions. Property may qualify for a restricted valuation method (i.e., may result in lower taxes).

O: If you checked YES, you may qualify for a new construction property tax exclusion. **A claim form must be filed and all requirements met in order to obtain the exclusion. Contact the Assessor for a claim form.**

PART 2: OTHER TRANSFER INFORMATION

A: The date of recording is rebuttably presumed to be the date of transfer. If you believe the date of transfer was a different date (e.g., the transfer was by an unrecorded contract, or a lease identifies a specific start date), put the date you believe is the correct transfer date. If it is not the date of recording, the Assessor may ask you for supporting documentation.

B: Check the box that corresponds to the type of transfer. If OTHER is checked, please provide a detailed description. Attach a separate sheet if necessary.

C. If this transfer was the result of an inheritance following the death of the property owner, please complete a *Change in Ownership Statement, Death of Real Property Owner*, form BOE-502-D, if not already filed with the Assessor's office.

PART 3: PURCHASE PRICE AND TERMS OF SALE

It is important to complete this section completely and accurately. The reported purchase price and terms of sale are important factors in determining the assessed value of the property, which is used to calculate your property tax bill. Your failure to provide any required or requested information may result in an inaccurate assessment of the property and in an overpayment or underpayment of taxes.

A. Enter the total purchase price, not including closing costs or mortgage insurance.

> **"Mortgage insurance"** is insurance protecting a lender against loss from a mortgagor's default, issued by the FHA or a private mortgage insurer.

B. Enter the amount of the down payment, whether paid in cash or by an exchange. If through an exchange, exclude the closing costs.

> **"Closing costs"** are fees and expenses, over and above the price of the property, incurred by the buyer and/or seller, which include title searches, lawyer's fees, survey charges, and document recording fees.

C. Enter the amount of the First Deed of Trust, if any. Check all the applicable boxes, and complete the information requested.

> A **"balloon payment"** is the final installment of a loan to be paid in an amount that is disproportionately larger than the regular installment.

D. Enter the amount of the Second Deed of Trust, if any. Check all the applicable boxes, and complete the information requested.

E. If there was an assumption of an improvement bond or other public financing with a remaining balance, enter the outstanding balance, and mark the applicable box.

> An **"improvement bond or other public financing"** is a lien against real property due to property-specific improvement financing, such as green or solar construction financing, assessment district bonds, Mello-Roos (a form of financing that can be used by cities, counties and special districts to finance major improvements and services within the particular district) or general improvement bonds, etc. Amounts for repayment of contractual assessments are included with the annual property tax bill.

F. Enter the amount of any real estate commission fees paid by the buyer which are not included in the purchase price.

G. If the property was purchased through a real estate broker, check that box and enter the broker's name and phone number. If the property was purchased directly from the seller (who is not a family member of one of the parties purchasing the property), check the "Direct from seller" box. If the property was purchased directly from a member of your family, or a family member of one of the parties who is purchasing the property, check the "From a family member" box and indicate the relationship of the family member (e.g., father, aunt, cousin, etc.). If the property was purchased by some other means (e.g., over the Internet, at auction, etc.), check the "OTHER" box and provide a detailed description (attach a separate sheet if necessary).

H. Describe any special terms (e.g., seller retains an unrecorded life estate in a portion of the property, etc.), seller concessions (e.g., seller agrees to replace roof, seller agrees to certain interior finish work, etc.), broker/agent fees waived (e.g., fees waived by the broker/agent for either the buyer or seller), financing, buyer paid commissions, and any other information that will assist the Assessor in determining the value of the property.

PART 4: PROPERTY INFORMATION

A. Indicate the property type or property right transferred. Property rights may include water, timber, mineral rights, etc.

B. Check YES if personal, business property or incentives are included in the purchase price in Part 3. Examples of personal or business property are furniture, farm equipment, machinery, etc. Examples of incentives are club memberships (golf, health, etc.), ski lift tickets, homeowners' dues, etc. Attach a list of items and their purchase price allocation. An adjustment will not be made if a detailed list is not provided.

C. Check YES if a manufactured home or homes are included in the purchase price. Indicate the purchase price directly attributable to each of the manufactured homes. If the manufactured home is registered through the Department of Motor Vehicles in lieu of being subject to property taxes, check NO and enter the decal number.

D. Check YES if the property was purchased or acquired with the intent to rent or lease it out to generate income, and indicate the source of that anticipated income. Check NO if the property will not generate income, or was purchased with the intent of being owner-occupied.

E. Provide your opinion of the condition of the property at the time of purchase. If the property is in "fair" or "poor" condition, include a brief description of repair needed.

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

ACCOMMODATION INSTRUCTIONS AND INDEMNITY

To: Old Republic Title Company
1420 Rocky Ridge, Suite 100
Roseville, CA 95661

Date: March 5, 2021
Escrow No.: 2121041436-TR
Escrow Officer: Tamara Robledo

The undersigned acknowledges they have read and understand the "Title Insurance Disclosure Statement" required pursuant to California Civil Code Section 1057.6, which is attached hereto and made a part hereof.

You are authorized and instructed to prepare a Grant Deed ("the Document") from The City of Roseville, a municipal corporation to JEN California 15, LLC, a California limited liability company, pertaining to real property commonly known as Lot 21 Fiddyment Ranch Phase 2 in Book BB of Maps at Page 24 to be recorded as an accommodation only.

You shall cause the Document to be recorded with the County Recorder in the County where the property is situated.

The undersigned acknowledges that Old Republic Title Company, hereinafter referred to as "the Company" is making no charge other than a document preparation fee, the recording fee, transfer tax, if any, and other charges incurred by the Company.

The transfer tax, if any, has been affixed at the sole direction of the undersigned. The Company is relieved of any liability and/or responsibility for the validity of said tax, the calculation thereof, or the effect said tax shall have on the future assessments of the property by the County Tax Collector.

The undersigned understand and hereby agree that the Company, its agents, officers or employees, have made no representation and do not assume any liability or responsibility of any kind whatsoever as to the validity or effect of the Document(s) or any provision contained therein.

You are to make no demand in connection therewith, and you are relieved of any liability and responsibility as to the condition of title to the property therein described and as to the validity, sufficiency and effect of the Document(s).

It is understood that the Company may affix it's "Accommodation Only" stamp or a similar stamp to the front of the Document or the following recital may be affixed to the Document(s) which is to be recorded pursuant to this request prior to its recording:

> This instrument is delivered to the Recorder's office as an accommodation by Old Republic Title Company for physical convenience only. It has not been examined as to its validity, execution or its effect upon title, if any.

You are not to issue any title insurance policy in regards to the Document(s) or the land described therein, if any. The undersigned has been advised of and having an understanding of the benefits afforded by being named as an insured in a CLTA standard coverage policy of title insurance, nevertheless do not desire to purchase a policy insuring the title to be acquired in the above referenced sale.

The undersigned acknowledge that the Company, its agents, officers and employees, have made no representations, written or oral, to the undersigned as to the condition of title of the subject real property and that the Company has not been directed or employed in any way to search title or otherwise determine the condition of the title to said real property.

The Company is unwilling to act as an agent or as escrow holder as requested unless the undersigned executes this agreement.

In consideration of the Company recording the Document(s) at the request of the undersigned, the undersigned hereby agree to save and hold the Company harmless against any and all loss or damage, including attorneys' fees and costs, arising directly or indirectly out of the recording(s) requested by the undersigned or occasioned by the undersigned's failure to purchase title insurance in connection with the purchase of the subject property.

The undersigned agrees to diligently provide for the defense of any action based upon said recording, counsel for which shall be reasonably approved by the Company. The undersigned will promptly do all things necessary or appropriate to hold harmless, protect and indemnify the Company, all of which shall be done at the sole expense of the undersigned. If the undersigned shall fail to do so, then the Company may do the same, and may pay, compromise or settle any suit, action, claim, or demand based thereon if the Company deems such actions necessary for protection, and the undersigned shall promptly reimburse the Company for any payment, expense or expenditure made or incurred in so doing.

Dated: _____

JEN California 15 LLC, a California limited liability company

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

TITLE INSURANCE DISCLOSURE STATEMENT

(Required by section 1057.6 of Civil Code)

Date: March 5, 2021 Escrow No.: 2121041436-TR
Property: Lot 21 Fiddyment Ranch Phase 2 Book BB or Maps at Page 24

IMPORTANT: IN A PURCHASE OR EXCHANGE OF REAL PROPERTY, IT MAY BE ADVISABLE TO OBTAIN TITLE INSURANCE IN CONNECTION WITH THE CLOSE OF ESCROW SINCE THERE MAY BE PRIOR RECORDED LIENS AND ENCUMBRANCES WHICH AFFECT YOUR INTEREST IN THE PROPERTY BEING ACQUIRED. A NEW POLICY OF TITLE INSURANCE SHOULD BE OBTAINED IN ORDER TO ENSURE YOUR INTEREST IN THE PROPERTY THAT YOU ARE ACQUIRING.

The undersigned hereby acknowledges receipt of a copy of this Title Insurance Disclosure Statement.

Date: _____

JEN California 15 LLC,
a California limited liability company

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

AFFILIATED BUSINESS ARRANGEMENT DISCLOSURE

To: JEN California 15 LLC, a California limited liability company
The City of Roseville, a municipal corporation

Escrow No.: 2121041436-TR

From: Old Republic Title Company

Property: Lot 21 Fiddyment Ranch Phase 2 in Book BB of Maps at Page 24

This is to give you notice that Old Republic Title Company has a business relationship with eRecording Partners Network (ePN). More specifically, Old Republic Title Company and ePN are affiliates, commonly and wholly owned by Old Republic National Title Holding Company. Because of this relationship, this referral may provide Old Republic Title Company, its parent company and/or affiliates a financial or other benefit.

Set forth below is the estimated charge or range of charges ePN generally makes for the recording services listed. You are NOT required to use ePN as a condition for obtaining title insurance or escrow services from Old Republic Title Company. THERE ARE FREQUENTLY OTHER SETTLEMENT SERVICE PROVIDERS AVAILABLE WITH SIMILAR SERVICES. YOU ARE FREE TO SHOP AROUND TO DETERMINE THAT YOU ARE RECEIVING THE BEST SERVICES AND THE BEST RATE FOR THESE SERVICES.

ePN Services	Estimated Charges or Range of Charges*
Per Document Fee for In-House Recording Agents, and electronic or paper recordings as feasible, including pre-check file processing, file transportation, and return mailings as needed, since not all California counties can accommodate eRecording	$5.00 / Document

*These charges are in addition to any charges made by a County Recorder to record the documents.

ACKNOWLEDGMENT

I/we have read this disclosure form, and understand that Old Republic Title Company is referring me/us to purchase the above-described settlement service(s) and that it, and/or its parent company and/or affiliates may receive a financial or other benefit as the result of this referral.

JEN California 15 LLC,
a California limited liability company

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

RESOLUTION NO. 21-201

APPROVING THE ACCEPTANCE OF A GRANT DEED FOR A PORTION OF LOT 21 OF FIDDYMENT RANCH PHASE 2 VILLAGE 16A AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE GRANT DEED, ESCROW INSTRUCTIONS, AND ANY OTHER REQUIRED DOCUMENTS AND AUTHORIZING THE CITY CLERK OR DESIGNEE TO RECORD ANY REQUIRED DOCUMENTS AT THE PLACER COUNTY OFFICE OF THE COUNTY RECORDER

WHEREAS, on April 1, 2020, the City Council approved the Fiddyment Ranch Development Agreement Amendment #8 ("FRDAA8") in which Lot D and a portion of Lot 21, were to be merged into one single family lot effectuated by exchanging Lot D, owned by the City, for a certain portion of Lot 21 needed by the City for existing City monitoring wells; and

WHEREAS, Lot D was dedicated to the City (final map, filed for record, November 7, 2013, in Book CC of Maps, at Page 69 and as Document 2013-0105671, Placer County Records) as public right of way and public utility easement on the final map of Fiddyment Ranch Phase 2 Village 16A to access Lot 21 and provide utility needs thereto; and

WHEREAS, Lot 21 is currently owned by Jen California 15, LLC, but was irrevocably offered in fee to the City for certain City purposes on the Fiddyment Ranch Phase 2 Large Lot map (final map, filed for record July 28, 2006, in Book BB of Maps, at Page 24 and as Document 2006-0081097, Placer County Records), but that the City rejected that offer and reserved its right to accept that dedication at a later date pursuant to the Subdivision Map Act; and

WHEREAS, the City since determined that Lot 21 was not viable as a ground water production well site, and that the City only needed a smaller portion of Lot 21 to maintain existing monitoring wells, that the City's interest in Lot 21 will be quit claimed by the City back to the developer, Jen California 15, LLC pursuant to the Council-approved FRDAA8, and the developer will then convey to the City by grant deed the portion of Lot 21 needed by the City; and

WHEREAS, approving a quitclaim deed for Lot D and Lot 21 and then recording a grant deed granting to the City the portion of Lot 21 required for existing monitoring wells will satisfy the agreement approved by Council in FRDAA8; and

WHEREAS, approval of a grant deed conveying a portion of Lot 21 to the City will allow Jen California 15, LLC, to record a lot line adjustment to create one single family lot between Lot D and the remaining portion of Lot 21; and

WHEREAS, staff recommends that the City Council approve the Grant Deed and authorize the City Manager to execute the Grant Deed, escrow instructions, and any other required documents required on behalf of the City, as in the best interest of the City; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the Grant Deed for a portion of Lot 21 of the Fiddyment Ranch Phase 2 Village 16A subdivision is hereby approved and that City Manager is authorized to execute the Grant Deed, escrow instructions, and any other required documents on behalf of the City.

BE IT FURTHER RESOLVED that the City Clerk or designee is hereby directed to record the Grant Deed, and any other required documents, at the Placer County Recorder's Office.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

RECORDING REQUESTED BY:

APN: Portion of 492-013-009-000

When Recorded Mail Document and Tax Statements to:

City Clerk
CITY OF ROSEVILLE
311 Vernon Street
Roseville, CA 95678

SPACE ABOVE THIS LINE IS FOR RECORDER'S USE

Exempt from recording fees & taxation pursuant to
Govt. Code 27383 & 11922

Grant Deed

The undersigned grantor(s) declare(s):
Documentary Transfer Tax is $0.00 Documentary transfer tax is $0.00. City transfer tax is $0.00.
This conveyance is exempt from documentary transfer tax since government agency is acquiring title, R&T 11922
( ) computed on full value of property conveyed, or
( ) computed on full value less of liens and encumbrances remaining at time of sale.
( ) Unincorporated area: (X) City of Roseville

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
JEN California 15 LLC, a California limited liability company

hereby GRANT(S) to
THE CITY OF ROSEVILLE, a municipal corporation

that property in City of Roseville, County of Placer, State of California, described as:

See Exhibit "A" (legal description) attached hereto and incorporated herein by reference.

See Exhibit "B" (map), attached hereto and incorporated herein by reference.

Date: March 05, 2021

JEN California 15 LLC, a California limited liability company

By:_____
Name:_____
Title:_____

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of _____
County of _____

On _____ before me, _____ a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

Name: _____
(Typed or Printed)

(Seal)

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

ACCOMMODATION INSTRUCTIONS AND INDEMNITY

To: Old Republic Title Company
1420 Rocky Ridge, Suite 100
Roseville, CA 95661

Date: March 5, 2021
Escrow No.: 2121041436-TR
Escrow Officer: Tamara Robledo

The undersigned acknowledges they have read and understand the "Title Insurance Disclosure Statement" required pursuant to California Civil Code Section 1057.6, which is attached hereto and made a part hereof.

You are authorized and instructed to prepare a Grant Deed ("the Document") from JEN California 15, LLC, a California limited liability company to The City of Roseville, a municipal corporation, pertaining to real property commonly known as Portion of APN 492-013-009, Fiddyment Ranch F-66 Well Site, to be recorded as an accommodation only. You have been handed the Legal Description "Exhibit A" and Plat to Accompany Description "Exhibit B" to attached to the Grant Deed.

You shall cause the Document to be recorded with the County Recorder in the County where the property is situated.

The undersigned acknowledges that Old Republic Title Company, hereinafter referred to as "the Company" is making no charge other than a document preparation fee, the recording fee, transfer tax, if any, and other charges incurred by the Company.

The transfer tax, if any, has been affixed at the sole direction of the undersigned. The Company is relieved of any liability and/or responsibility for the validity of said tax, the calculation thereof, or the effect said tax shall have on the future assessments of the property by the County Tax Collector.

The undersigned understand and hereby agree that the Company, its agents, officers or employees, have made no representation and do not assume any liability or responsibility of any kind whatsoever as to the validity or effect of the Document(s) or any provision contained therein.

You are to make no demand in connection therewith, and you are relieved of any liability and responsibility as to the condition of title to the property therein described and as to the validity, sufficiency and effect of the Document(s).

It is understood that the Company may affix it's "Accommodation Only" stamp or a similar stamp to the front of the Document or the following recital may be affixed to the Document(s) which is to be recorded pursuant to this request prior to its recording:

> This instrument is delivered to the Recorder's office as an accommodation by Old Republic Title Company for physical convenience only. It has not been examined as to its validity, execution or its effect upon title, if any.

You are not to issue any title insurance policy in regards to the Document(s) or the land described therein, if any. The undersigned has been advised of and having an understanding of the benefits afforded by being named as an insured in a CLTA standard coverage policy of title insurance, nevertheless do not desire to purchase a policy insuring the title to be acquired in the above referenced sale.

The undersigned acknowledge that the Company, its agents, officers and employees, have made no representations, written or oral, to the undersigned as to the condition of title of the subject real property and that the Company has not been directed or employed in any way to search title or otherwise determine the condition of the title to said real property.

The Company is unwilling to act as an agent or as escrow holder as requested unless the undersigned executes this agreement.

In consideration of the Company recording the Document(s) at the request of the undersigned, the undersigned hereby agree to save and hold the Company harmless against any and all loss or damage, including attorneys' fees and costs, arising directly or indirectly out of the recording(s) requested by the undersigned or occasioned by the undersigned's failure to purchase title insurance in connection with the purchase of the subject property.

The undersigned agrees to diligently provide for the defense of any action based upon said recording, counsel for which shall be reasonably approved by the Company. The undersigned will promptly do all things necessary or appropriate to hold harmless, protect and indemnify the Company, all of which shall be done at the sole expense of the undersigned. If the undersigned shall fail to do so, then the Company may do the same, and may pay, compromise or settle any suit, action, claim, or demand based thereon if the Company deems such actions necessary for protection, and the undersigned shall promptly reimburse the Company for any payment, expense or expenditure made or incurred in so doing.

Dated: _____

JEN California 15 LLC, a California limited liability company

By: _____
Name: _____
Title: _____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

TITLE INSURANCE DISCLOSURE STATEMENT

(Required by section 1057.6 of Civil Code)

Date: March 5, 2021 Escrow No.: 2121041436-TR
Property: Portion of APN 492-013-009 Fiddyment Ranch F-66 Well Site

IMPORTANT: IN A PURCHASE OR EXCHANGE OF REAL PROPERTY, IT MAY BE ADVISABLE TO OBTAIN TITLE INSURANCE IN CONNECTION WITH THE CLOSE OF ESCROW SINCE THERE MAY BE PRIOR RECORDED LIENS AND ENCUMBRANCES WHICH AFFECT YOUR INTEREST IN THE PROPERTY BEING ACQUIRED. A NEW POLICY OF TITLE INSURANCE SHOULD BE OBTAINED IN ORDER TO ENSURE YOUR INTEREST IN THE PROPERTY THAT YOU ARE ACQUIRING.

The undersigned hereby acknowledges receipt of a copy of this Title Insurance Disclosure Statement.

Date: _____

JEN California 15 LLC,
a California limited liability company

By: _____
Name: _____
Title: _____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

OLD REPUBLIC TITLE COMPANY
A MEMBER OF THE OLD REPUBLIC TITLE INSURANCE GROUP
1420 Rocky Ridge, Suite 100, Roseville, CA 95661 916-784-1551 FAX 916-290-0585

AFFILIATED BUSINESS ARRANGEMENT DISCLOSURE

To: JEN California 15 LLC, a California limited liability company
The City of Roseville, a municipal corporation

Escrow No.: 2121041436-TR

From: Old Republic Title Company

Property: Portion of APN 492-013-009 Fiddyment Ranch F-66 Well Site

This is to give you notice that Old Republic Title Company has a business relationship with eRecording Partners Network (ePN). More specifically, Old Republic Title Company and ePN are affiliates, commonly and wholly owned by Old Republic National Title Holding Company. Because of this relationship, this referral may provide Old Republic Title Company, its parent company and/or affiliates a financial or other benefit.

Set forth below is the estimated charge or range of charges ePN generally makes for the recording services listed. You are NOT required to use ePN as a condition for obtaining title insurance or escrow services from Old Republic Title Company. THERE ARE FREQUENTLY OTHER SETTLEMENT SERVICE PROVIDERS AVAILABLE WITH SIMILAR SERVICES. YOU ARE FREE TO SHOP AROUND TO DETERMINE THAT YOU ARE RECEIVING THE BEST SERVICES AND THE BEST RATE FOR THESE SERVICES.

ePN Services	Estimated Charges or Range of Charges*
Per Document Fee for In-House Recording Agents, and electronic or paper recordings as feasible, including pre-check file processing, file transportation, and return mailings as needed, since not all California counties can accommodate eRecording	$5.00 / Document

*These charges are in addition to any charges made by a County Recorder to record the documents.

ACKNOWLEDGMENT

I/we have read this disclosure form, and understand that Old Republic Title Company is referring me/us to purchase the above-described settlement service(s) and that it, and/or its parent company and/or affiliates may receive a financial or other benefit as the result of this referral.

JEN California 15 LLC,
a California limited liability company

By:_____
Name:_____
Title:_____

The City of Roseville, a municipal corporation

_____
Dominick Casey
City Manager

COUNCIL COMMUNICATION

CC #: 1452
File #: 0400-04-12-1

Title:	Sierra Vista - Phase 1B & 1C Westbrook Boulevard (STA 29+35.43 to End) & Vista Grande Boulevard - Notice of Completion
Contact:	Andrew Druck 916-223-7577 adruck@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.7.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Sierra Vista - Phase 1B & 1C Westbrook Bl. (STA 29+35.43 to End) & Vista Grande Bl., CWJ # 190111, as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City Specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact to the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of a Notice of Completion meets the above criteria and is not subject to CEQA. No additional environmental review is required.

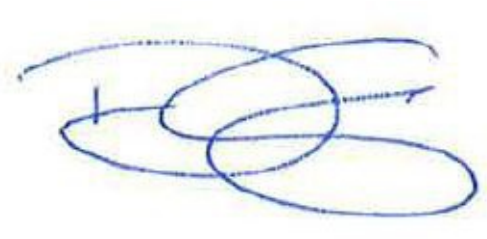
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Andrew Druck, Construction Inspector II

Mike Isom, Development Services Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-198

NOC

Exhibit A

Final Maps

RESOLUTION NO. 21-198

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS SIERRA VISTA - PHASE 1B & 1C WESTBROOK BL. (STA 29+35.43 To END) & VISTA GRANDE BL. PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING A PORTION OF THE DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Sierra Vista - Phase 1B & 1C Westbrook Bl. (STA 29+35.43 to End) & Vista Grande Bl. is hereby approved and the public work accepted.

2. A portion of the right-of-way and easements offered for dedication on the final map of THE VILLAGES AT SIERRA VISTA, SIERRA VISTA – FEDERICO, SIERRA VISTA – KT PROPERITES LARGE LOT SUBDIVISION, SIERRA VISTA – CGB, SIERRA VISTA DF PROPERTIES, INC recorded in Book DD, EE, EE, EE, FF of Maps, Page 26, 6, 33, 56, 21 in the office of the recorder of Placer County, is hereby accepted by the City in part as said dedications relates to the improvement plan set known as Sierra Vista - Phase 1B & 1C Westbrook Bl. (STA 29+35.43 to End) & Vista Grande Bl.
3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this_____day of_____, 20_____, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____

_____.

_____

City of Roseville
Owner

ATTEST:

_____
Sonia Orozco, City Clerk

State of California)
County of Placer)

I,_____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

_____

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Placer)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____,

20___, _____

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

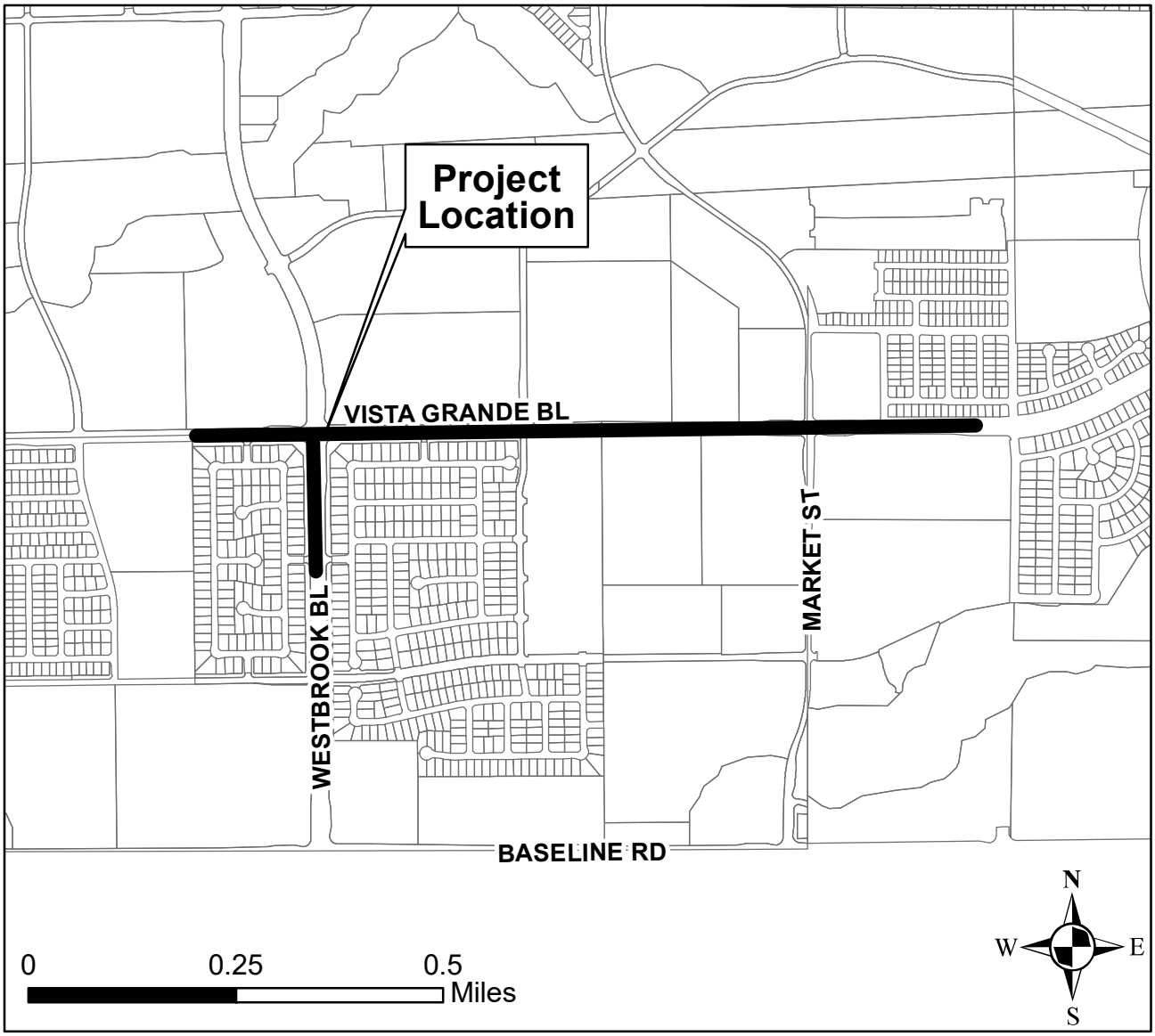
_____

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville
Sierra Vista - Phase 1B & 1C
Westbrook Blvd (STA 29+35.43 to End)
& Vista Grande Blvd



302-805

BOOK DD OF MAPS, PAGE 26

A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision
Subdivision No.: SUBD 000157

ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
JULY, 2015

BAKER-WILLIAMS ENGINEERING GROUP
Sheet 1 of 10

OWNER'S STATEMENT:

THE UNDERSIGNED HEREBY STATE THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTERESTS IN THE REAL PROPERTY INCLUDED WITHIN THIS PLAT OF " LARGE LOT SUBDIVISION MAP OF THE VILLAGES AT SIERRA VISTA " SHOWN UPON THIS MAP AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDING OF THIS MAP AND OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

"THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS AN EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE DRIVE, STREET, ROAD, WAY AND BOULEVARD SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(B) PUBLIC EASEMENTS FOR INSTALLATION AND MAINTENANCE OF BUT NOT LIMITED TO WATER, GAS AND SEWER PIPES, AND FOR POLES AND OVERHEAD AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC, TELEVISION AND TELEPHONE SERVICES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING WITHIN LOTS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(C) PUBLIC EASEMENTS FOR PEDESTRIAN ACCESS ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED 'P.E.' (PEDESTRIAN EASEMENT).

(D) PUBLIC EASEMENT FOR PEDESTRIAN AND BICYCLES ACCESS AND THE INSTALLATION AND MAINTENANCE OF A BIKE PATH, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED 'B.P.E.' (BIKE PATH EASEMENT)

(E) PUBLIC EASEMENTS FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED 'M.A.E.' (MAINTENANCE ACCESS EASEMENT)

(F) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS FIDDYMENT ROAD, VISTA GRANDE BOULEVARD, UPLAND DRIVE, SIERRA GLEN DRIVE AND MARKET STREET.

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) LOTS 3, 5, 6, 7, 24 AND 25 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.

(B) LOTS 9, 17 AND 23 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR PARK PURPOSES.

(C) LOT 8 SHOWN HEREON FOR A WELL SITE.

(D) LOT 10 SHOWN HEREON FOR A SCHOOL SITE

(E) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREET SHOWN HEREON AS BRAMBLEWOOD WAY AND SAN FERNANDO DRIVE.

MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY

BY: JOHN L. MOURIER III
MANAGING MEMBER

NOTARY STATEMENT:

~~CERTIFICATE~~

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS ~~STATEMENT~~ VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT

STATE OF CALIFORNIA)
SS
COUNTY OF PLACER)

ON JUNE 10th, 2015 BEFORE ME Karen Headley, NOTARY PUBLIC PERSONALLY APPEARED JOHN L. MOURIER III WHO PROVED TO ME ON BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT THEY EXECUTED THE SAME IN THEIR AUTHORIZED CAPACITIES, AND THAT BY THEIR SIGNATURES ON THE INSTRUMENT THE PERSONS OR THE ENTITY UPON BEHALF OF WHICH THE PERSONS ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND SEAL

NOTARY PUBLIC SIGNATURE

Karen Headley
PRINT NAME

MY COMMISSION NO. IS 2086157

MY PRINCIPAL PLACE OF BUSINESS IS Placer COUNTY.

MY COMMISSION EXPIRES Oct 16, 2018

SURVEYOR'S STATEMENT:

THIS MAP WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF MOURIER LAND INVESTMENT CORP., IN AUGUST 2014. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS ON OR BEFORE DECEMBER 31, 2016, THAT THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

DATE 6/08/15

JOHN KARL JEFFRIES L.S. 7820
EXPIRES 12/31/2015

LICENSED LAND SURVEYOR
JOHN KARL JEFFRIES
No. 7820
EXPIRES 12/31/2015
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT:

I HEREBY STATE THAT I HAVE EXAMINED THIS PLAT OF "LARGE LOT SUBDIVISION MAP OF THE VILLAGES AT SIERRA VISTA" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATED 7/20/15

MARC STOUT R.C.E. 69879
ACTING CITY ENGINEER, CITY OF ROSEVILLE
EXPIRATION DATE 09/30/2016

I HEREBY STATE THAT I AM SATISFIED THAT THIS PLAT OF "LARGE LOT SUBDIVISION MAP OF THE VILLAGES AT SIERRA VISTA" IS TECHNICALLY CORRECT.

For Marc Stout, Acting City Engineer, City of Roseville

DATED 7/1/15

TIMOTHY G. BLAIR
P.L.S. 8278 EXPIRATION DATE 12/31/2015

PROFESSIONAL LAND SURVEYOR
TIMOTHY G. BLAIR
No. 8278
EXP. 12/31/15
STATE OF CALIFORNIA

PUBLIC AGENCY STATEMENT:

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT, SHOULD THE CITY OF ROSEVILLE DETERMINE THAT THE PUBLIC PURPOSE FOR WHICH LOT 81S DEDICATED NO LONGER EXISTS, THE CITY OF ROSEVILLE SHALL RECONVEY THE PROPERTY TO THE GRANTOR, WHOSE CURRENT ADDRESS IS LISTED BELOW, OR TO THEIR SUCCESSOR(S) IN INTEREST:

MOURIER INVESTMENTS, LLC
1430 BLUE OAKS BOULEVARD, SUITE 190
ROSEVILLE, CA 95747

CITY CLERK'S STATEMENT:

I HEREBY STATE THAT THE CITY COUNCIL OF THE CITY OF ROSEVILLE HAS APPROVED THIS PLAT OF "LARGE LOT SUBDIVISION MAP OF THE VILLAGES AT SIERRA VISTA" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS AND RIGHTS-OF-WAY HEREON OFFERED FOR DEDICATION. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC, ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS.

DATED 9/21/15

CITY CLERK, CITY OF ROSEVILLE

BY: ASSISTANT CITY CLERK

RECORDER'S STATEMENT:

ACCEPTED FOR RECORD AND FILED IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, STATE OF CALIFORNIA, AT THE REQUEST OF OLD REPUBLIC TITLE COMPANY, AT 36 MINUTES AFTER 11 O'CLOCK A.M. ON THE 2nd DAY OF July, 2015 AND RECORDED IN BOOK DD OF MAPS, AT PAGE 26.

DOCUMENT NO. 2015-0065822

Jim McCauley
COUNTY RECORDER OF PLACER COUNTY

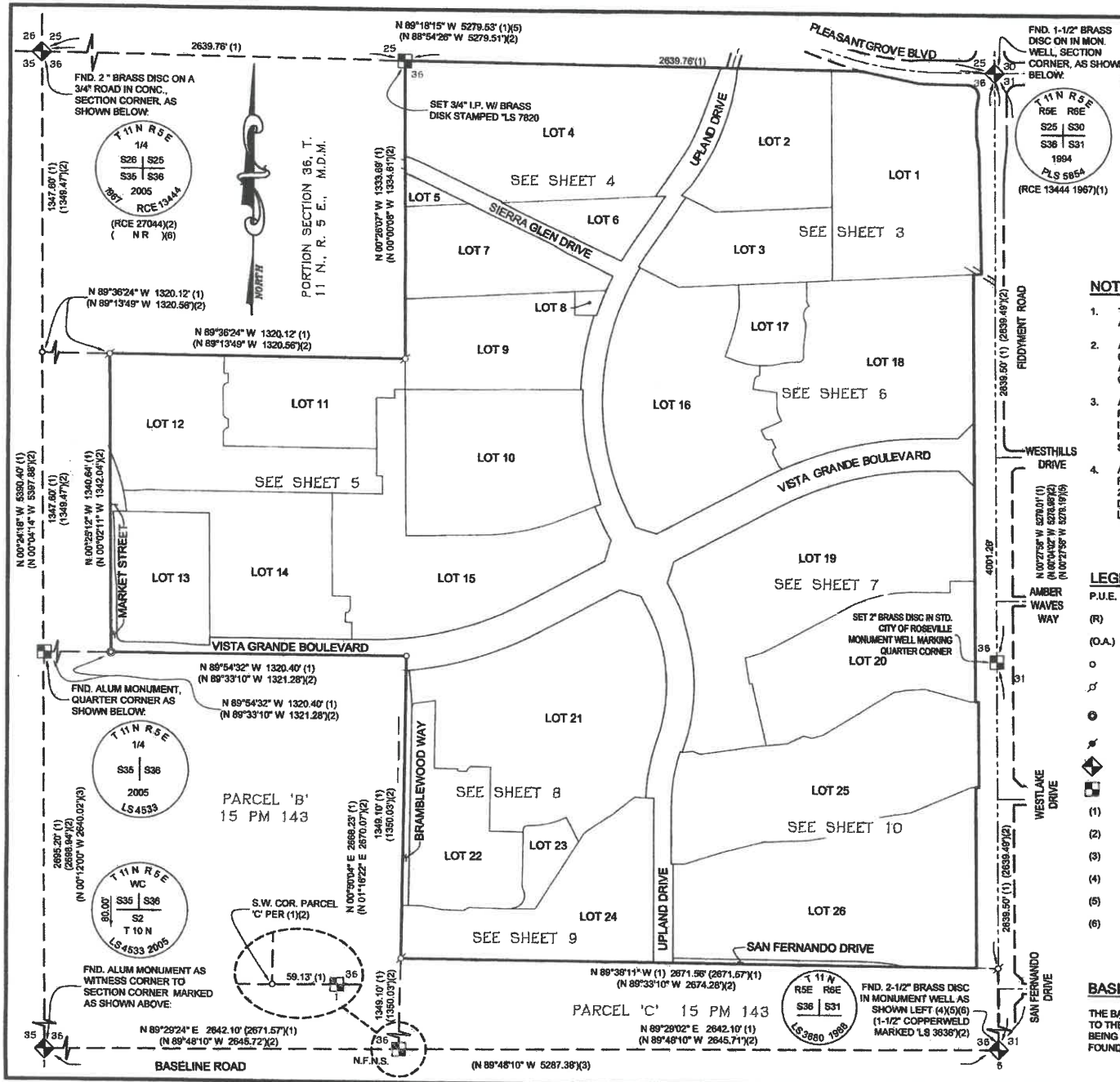
FEE $35.00

BY: S. McCann
DEPUTY

JOB NO. 14-07-024

SHEET 1 OF 10

BOOK DD OF MAPS, PAGE 26



A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision
Subdivision No.: SUBD 000157

ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
JULY, 2015 SCALE: 1" = 300'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 2 of 10

NOTES:

1. THE TOTAL AREA OF THIS SUBDIVISION INCLUDING 2012-0062688 IS 282.945 ACRES MORE OR LESS AND CONSISTS OF 26 LARGE LOTS.
2. A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, PROJECT NO. E133171.000 DATED SEPTEMBER 10, 2013. A COPY OF THIS REPORT IS AVAILABLE FOR PUBLIC INSPECTION AT THE CITY OF ROSEVILLE ENGINEERING DEPARTMENT.
3. AN IRREVOCABLE OFFER OF DEDICATION IN FEE TO THE CITY OF ROSEVILLE FOR RIGHT-OF-WAY , OPEN SPACE AND WELL SITE DEDICATION, FILED AS INSTRUMENT NO. 2015-0064331, AFFECTS THE RIGHTS-OF-WAY SHOWN HEREON FOR DEDICATION IN FEE FOR PUBLIC PURPOSES AS ITEM (A) ON SHEET 1 AND LOTS 3, 6, 7, 8, 24 AND 25 SHOWN HEREON.
4. AN IRREVOCABLE OFFER OF DEDICATION OF EASEMENT TO THE CITY OF ROSEVILLE FOR PUBLIC UTILITY PURPOSES, FILED AS INSTRUMENT NO. 2015-0064331, AFFECTS THE RIGHTS-OF-WAY SHOWN HEREON FOR DEDICATION IN FEE FOR PUBLIC PURPOSES AS ITEM (A) ON SHEET 1 AND LOTS 2, 5, 6, 7, 8 AND 13 SHOWN HEREON.

LEGEND:

P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
(O.A.)	OVER ALL DISTANCE
o	DIMENSION POINT
	SET 3/4" IRON PIPE W/ BRASS DISC STAMPED "LS 7820"
	SET 2" BRASS DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL
	FOUND MONUMENT AS NOTED
	FOUND SECTION CORNER AS NOTED
	FOUND QUARTER CORNER AS NOTED
(1)	RECORD PER 18 RS 116
(2)	RECORD PER 15 PM 143
(3)	RECORD PER 8 PM 53
(4)	RECORD PER 11 RS 102
(5)	RECORD PER 18 RS 49
(6)	RECORD PER 18 RS 64

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS IDENTICAL TO THE EAST LINE OF SECTION 36, T. 11 N., R. 5 E., M.D.M., BEING N 00°27'58" W AND ESTABLISHED BY MONUMENTS FOUND AS SHOWN HEREON.

S.M. # = SUBDIVISION MAP LOT #
T.M. # = TENTATIVE MAP LOT #
S.P. # = SPECIFIC PLAN LOT #

S.M. #	T.M. #	S.P. #
1	LOT JM-41	JM-41
2	LOT JM-30	JM-30
3	LOT JM-83	JM-83
4	LOT JM-01	JM-1
5	LOT JM-80	JM-80
6	LOT JM-82	JM-82
7	LOT JM-81	JM-81
8	LOT JM-60	JM-60
9	LOT JM-50	JM-50
10	LOT JM-61	JM-61
11	LOT JM-20D	JM-20D
12	LOT JM-20C	JM-20D
13	LOT JM-40	JM-40
14	LOT JM-20B	JM-20B
15	LOT JM-20A	JM-20B
16	LOT JM-02A	JM-2A
17	LOT JM-51	JM-51
18	LOT JM-02B	JM-2B
19	LOT JM-03A	JM-3A/3B
20	LOT JM-03B	JM-3A/3B
21	LOT JM-04A	JM-4
22	LOT JM-04B	JM-4
23	LOT JM-52	JM-52
24	LOT JM-84	JM-84
25	LOT JM-85	JM-85
26	LOT JM-21	JM-21

JOB NO. 14-07-024

BOOK DD OF MAPS, PAGE 26

A Final Map of

THE VILLAGES AT SIERRA VISTA

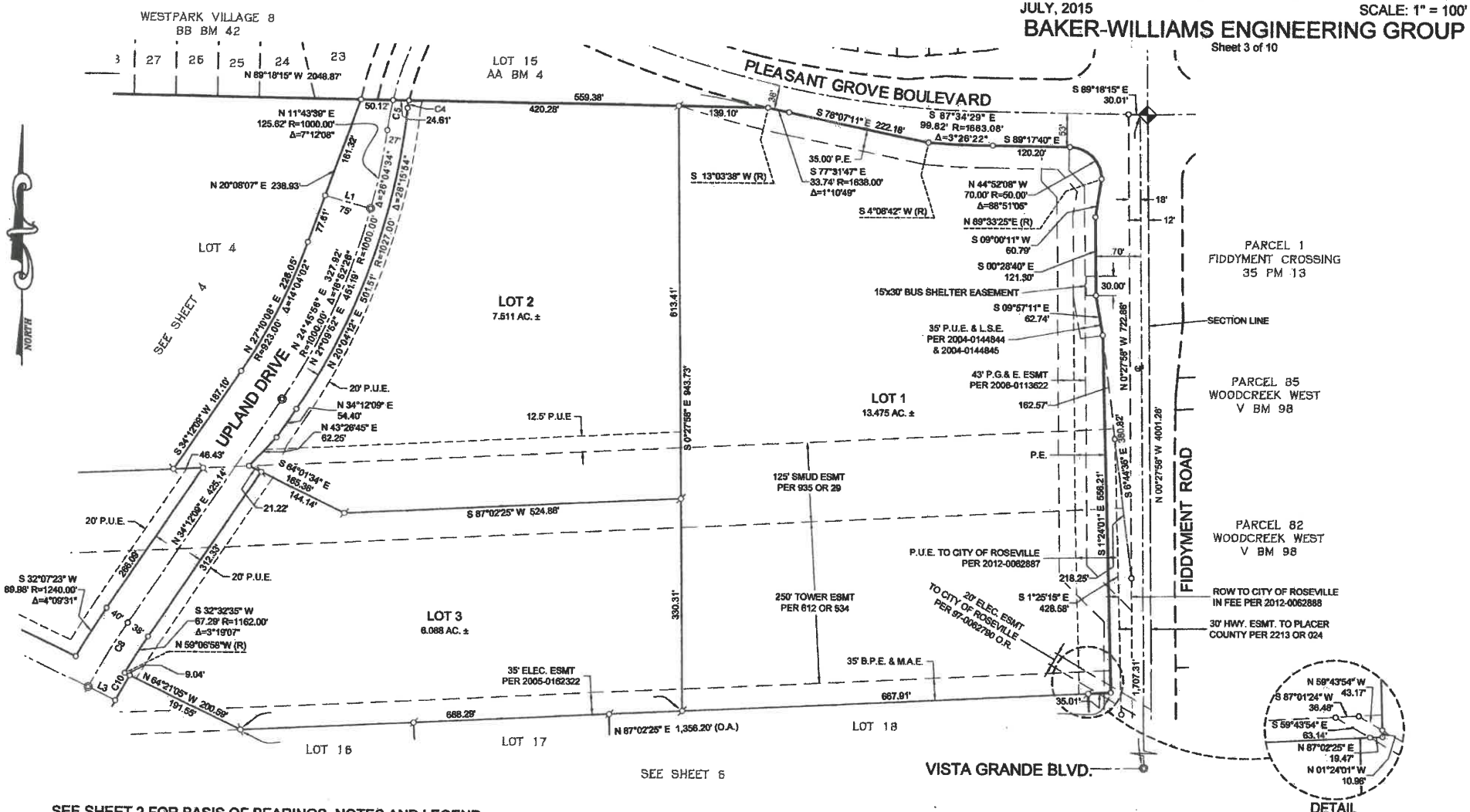
A Large Lot Subdivision
Subdivision No.: SUBD 000157
ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
JULY, 2015 SCALE: 1" = 100'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 3 of 10

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C4	12.11'	87.00'	7° 58' 42"	S 9°55'36" W	12.10'
C5	48.21'	526.00'	5° 15' 04"	S 10°45'07" W	48.19'
C8	116.10'	1,200.00'	5° 38' 19"	S 31°22'59" W	118.05'

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	73.74'	N 74° 40' 17" W
L3	47.06'	S 64° 21' 05" E

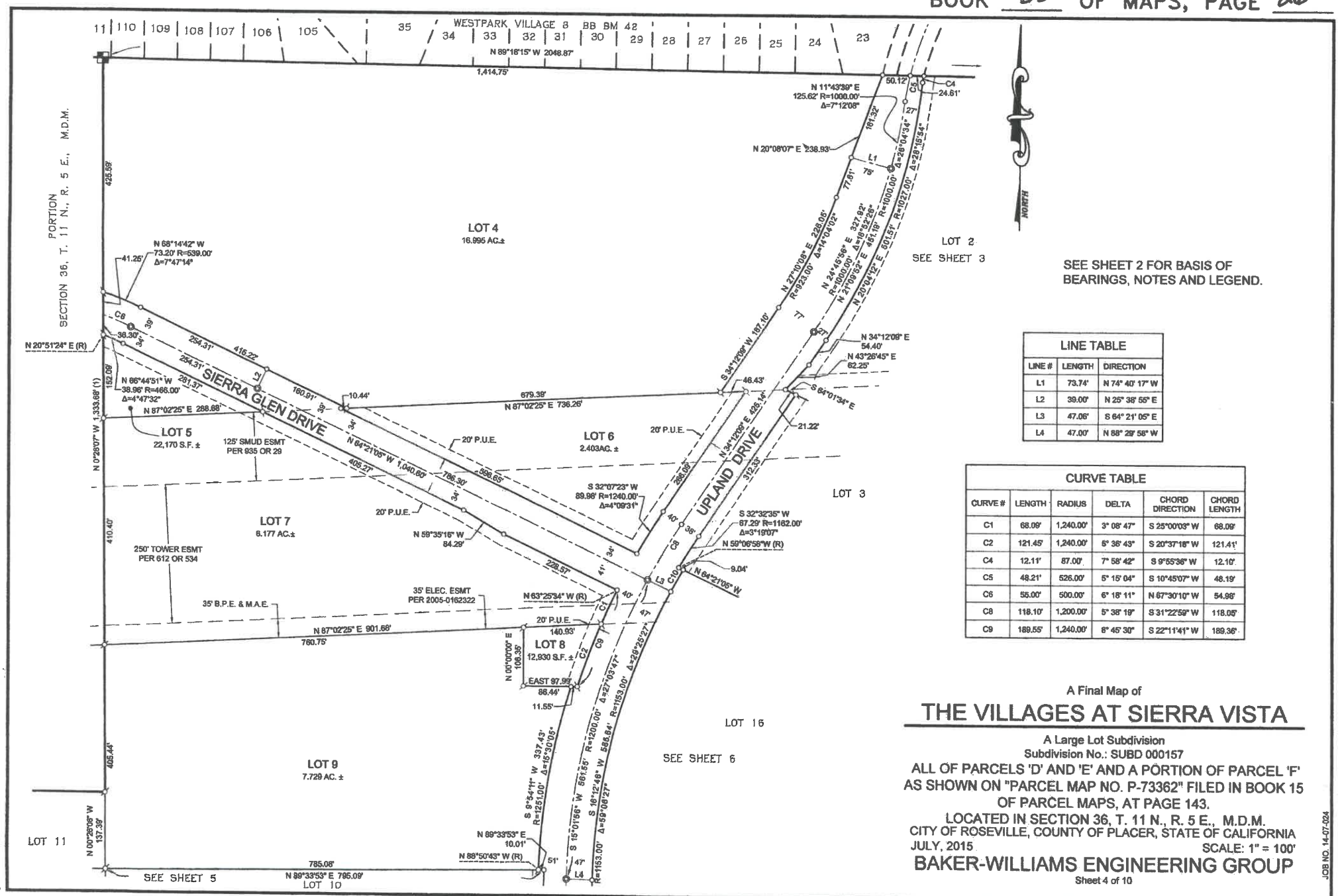


SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

JOB NO. 14-07-024

SHEET 3 OF 10

BOOK DD OF MAPS, PAGE 26



SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	73.74'	N 74° 40' 17" W
L2	39.00'	N 25° 38' 55" E
L3	47.06'	S 64° 21' 05" E
L4	47.00'	N 88° 29' 58" W

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	68.09'	1,240.00'	3° 08' 47"	S 25°00'03" W	68.09'
C2	121.45'	1,240.00'	5° 36' 43"	S 20°37'18" W	121.41'
C4	12.11'	87.00'	7° 58' 42"	S 9°55'36" W	12.10'
C5	48.21'	526.00'	5° 15' 04"	S 10°45'07" W	48.19'
C6	55.00'	500.00'	6° 18' 11"	N 67°30'10" W	54.98'
C8	118.10'	1,200.00'	5° 38' 19"	S 31°22'59" W	118.05'
C9	189.55'	1,240.00'	8° 45' 30"	S 22°11'41" W	189.36'

A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision
Subdivision No.: SUBD 000157

ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.

LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA
JULY, 2015 SCALE: 1" = 100'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 4 of 10

JOB NO. 14-07-024

BOOK DD OF MAPS, PAGE 26

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision Subdivision No.: SUBD 000157

ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.

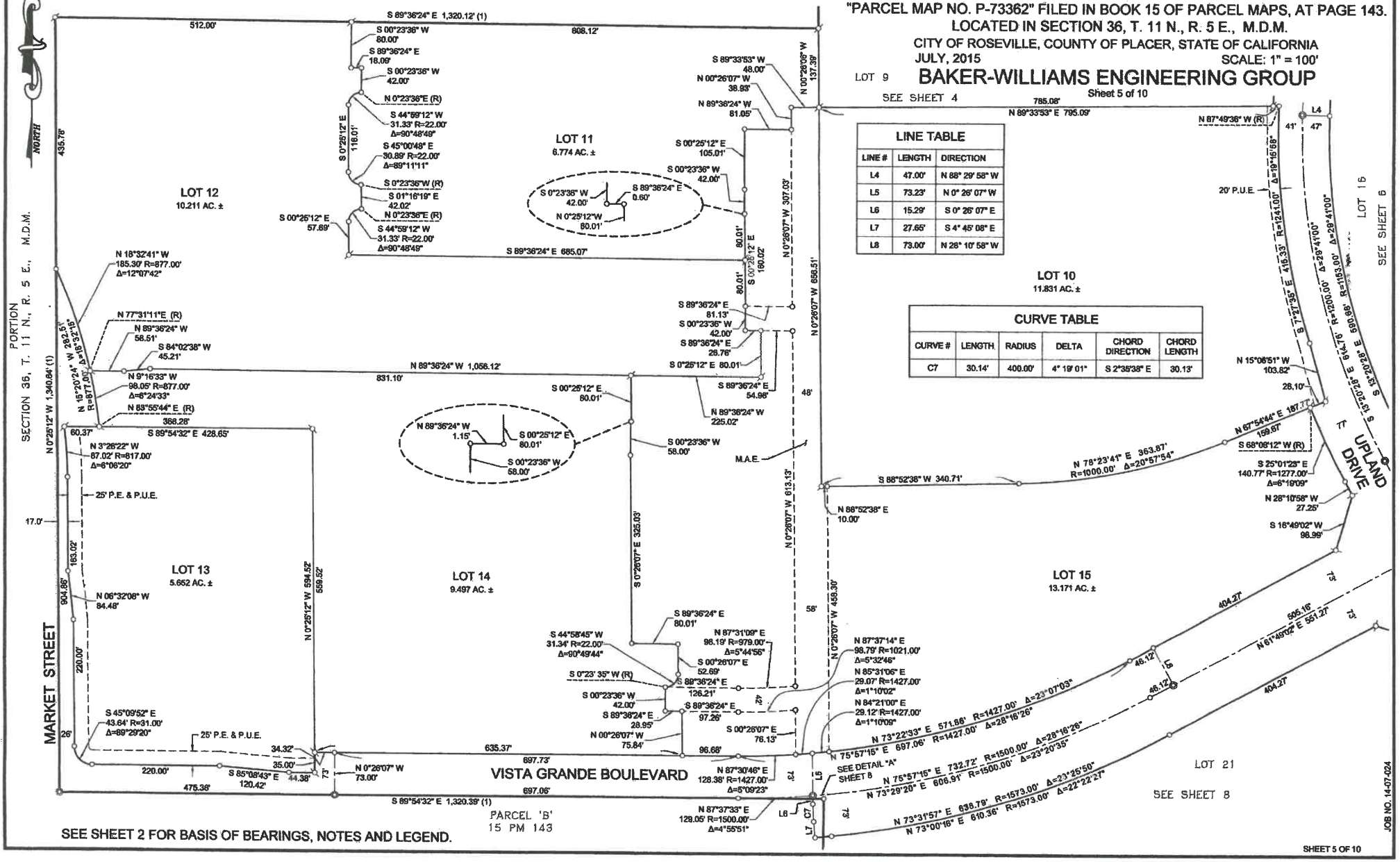
LOCATED IN SECTION 36, T. 11 N., R. 5 E., M.D.M.

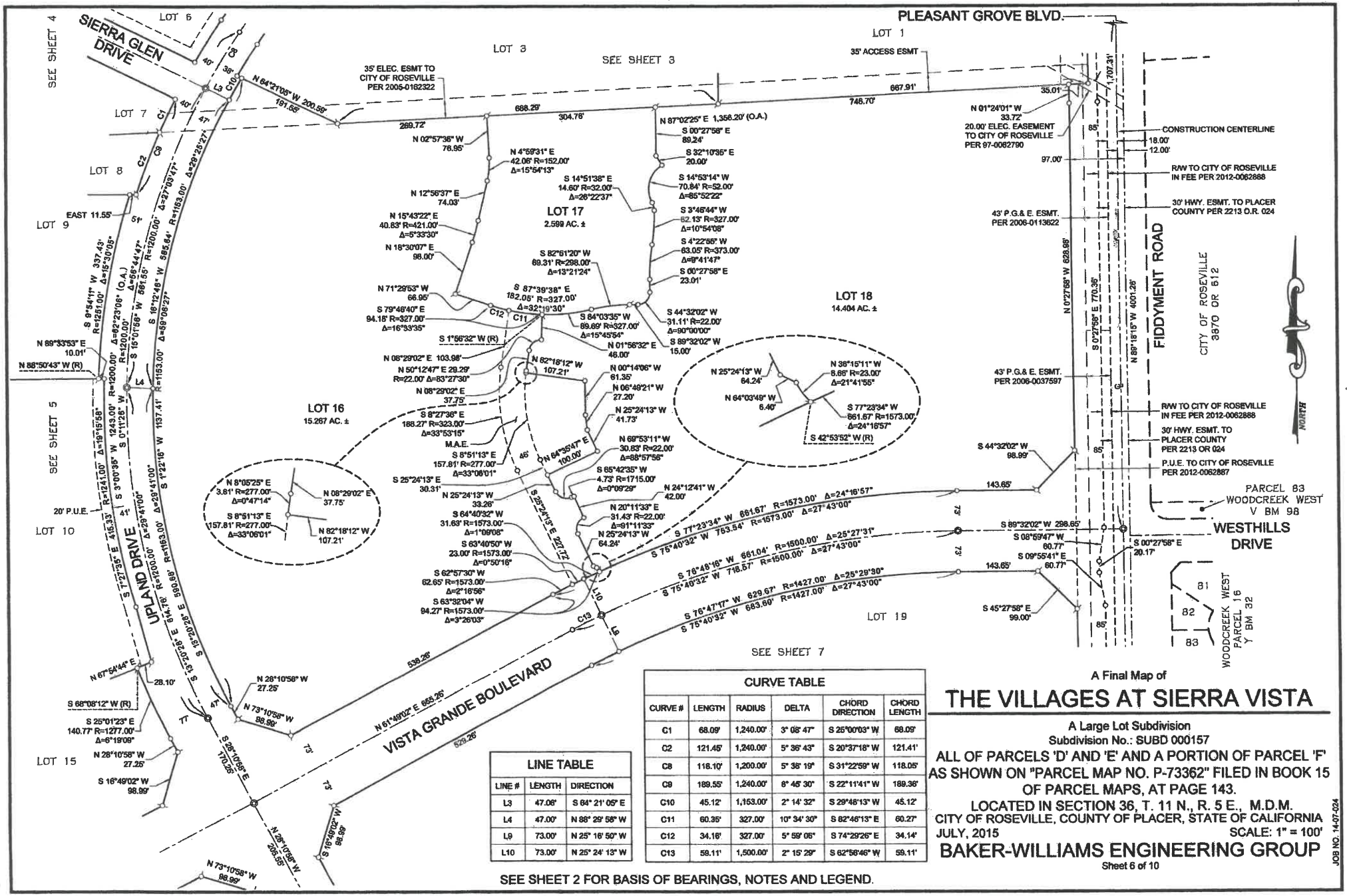
CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA

JULY, 2015 SCALE: 1" = 100'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 5 of 10


PORTION SECTION 36, T. 11 N., R. 5 E., M.D.M.
NORTH
PORTION SECTION 36, T. 11 N., R. 5 E., M.D.M.
S 89°36'24" E 1,320.12' (1)
512.00'
608.12'
LOT 12
10.211 AC. ±
LOT 11
6.774 AC. ±
LOT 10
11.831 AC. ±
LOT 9
LOT 13
5.652 AC. ±
LOT 14
9.497 AC. ±
LOT 15
13.171 AC. ±
LOT 16
LOT 21
SEE SHEET 4
SEE SHEET 6
SEE SHEET 8
SEE DETAIL "A" SHEET 8
MARKET STREET
VISTA GRANDE BOULEVARD
UPLAND DRIVE
20' P.U.E.
25' P.E. & P.U.E.
M.A.E.
PARCEL 'B' 15 PM 143
N 89°36'24" W 1,056.12'
831.10'
S 89°54'32" E 1,320.39' (1)
S 89°54'32" E 428.65'
N 89°36'24" E 685.07'
S 89°36'24" E 1,056.12'
N 89°36'24" W 685.07'
N 0°26'07" W 656.51'
N 0°26'07" W 613.13'
N 0°26'07" W 498.30'
N 0°26'07" W 307.03'
N 0°26'07" W 137.39'
S 0°26'07" E 325.03'
N 0°25'12" W 1,340.84' (1)
N 0°25'12" W 594.52'
S 0°25'12" E 116.01'
S 0°25'12" E 105.01'
S 0°25'12" E 160.02'
S 0°25'12" E 57.69'
N 0°25'12" W 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E 80.01'
N 0°25'12" W 80.01'
N 0°25'12" W 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E 80.01'
S 0°25'12" E



LINE TABLE		
LINE #	LENGTH	DIRECTION
L3	47.06'	S 64° 21' 05" E
L4	47.00'	N 88° 29' 58" W
L9	73.00'	N 25° 16' 50" W
L10	73.00'	N 25° 24' 13" W

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	68.09'	1,240.00'	3° 08' 47"	S 25°00'03" W	68.09'
C2	121.45'	1,240.00'	5° 36' 43"	S 20°37'18" W	121.41'
C8	118.10'	1,200.00'	5° 38' 19"	S 31°22'59" W	118.05'
C9	189.55'	1,240.00'	8° 45' 30"	S 22°11'41" W	189.36'
C10	45.12'	1,153.00'	2° 14' 32"	S 29°48'13" W	45.12'
C11	60.35'	327.00'	10° 34' 30"	S 82°46'13" E	60.27'
C12	34.16'	327.00'	5° 59' 06"	S 74°29'26" E	34.14'
C13	59.11'	1,500.00'	2° 15' 29"	S 62°56'46" W	59.11'

A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision
Subdivision No.: SUBD 000157
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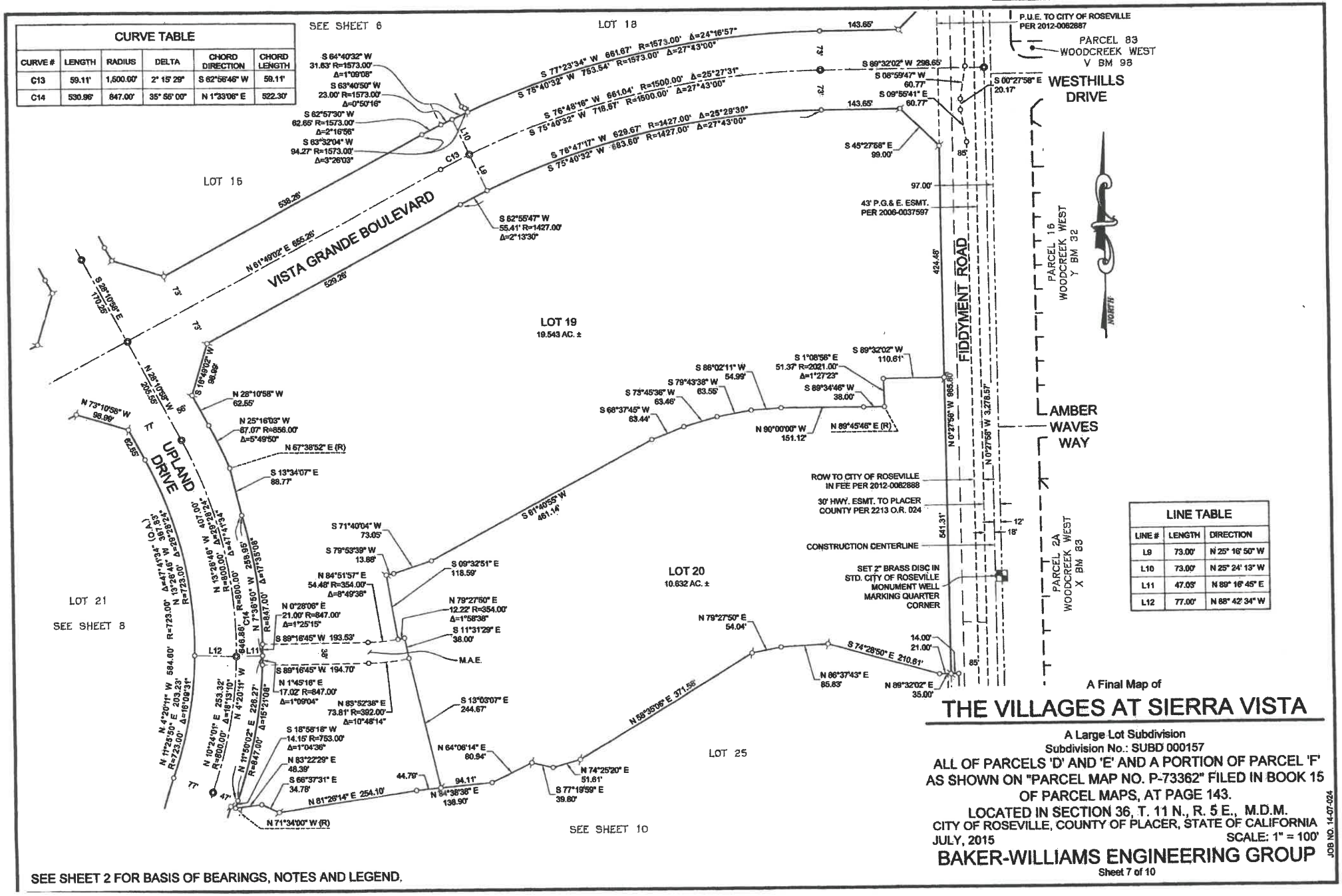
BAKER-WILLIAMS ENGINEERING GROUP

Sheet 6 of 10

JOB NO. 14-07-024

SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

BOOK DD OF MAPS, PAGE 26



A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision
Subdivision No.: SUBD 000157
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BAKER-WILLIAMS ENGINEERING GROUP

Sheet 7 of 10

JOB NO. 14-07-024

SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

BOOK DD OF MAPS, PAGE 26

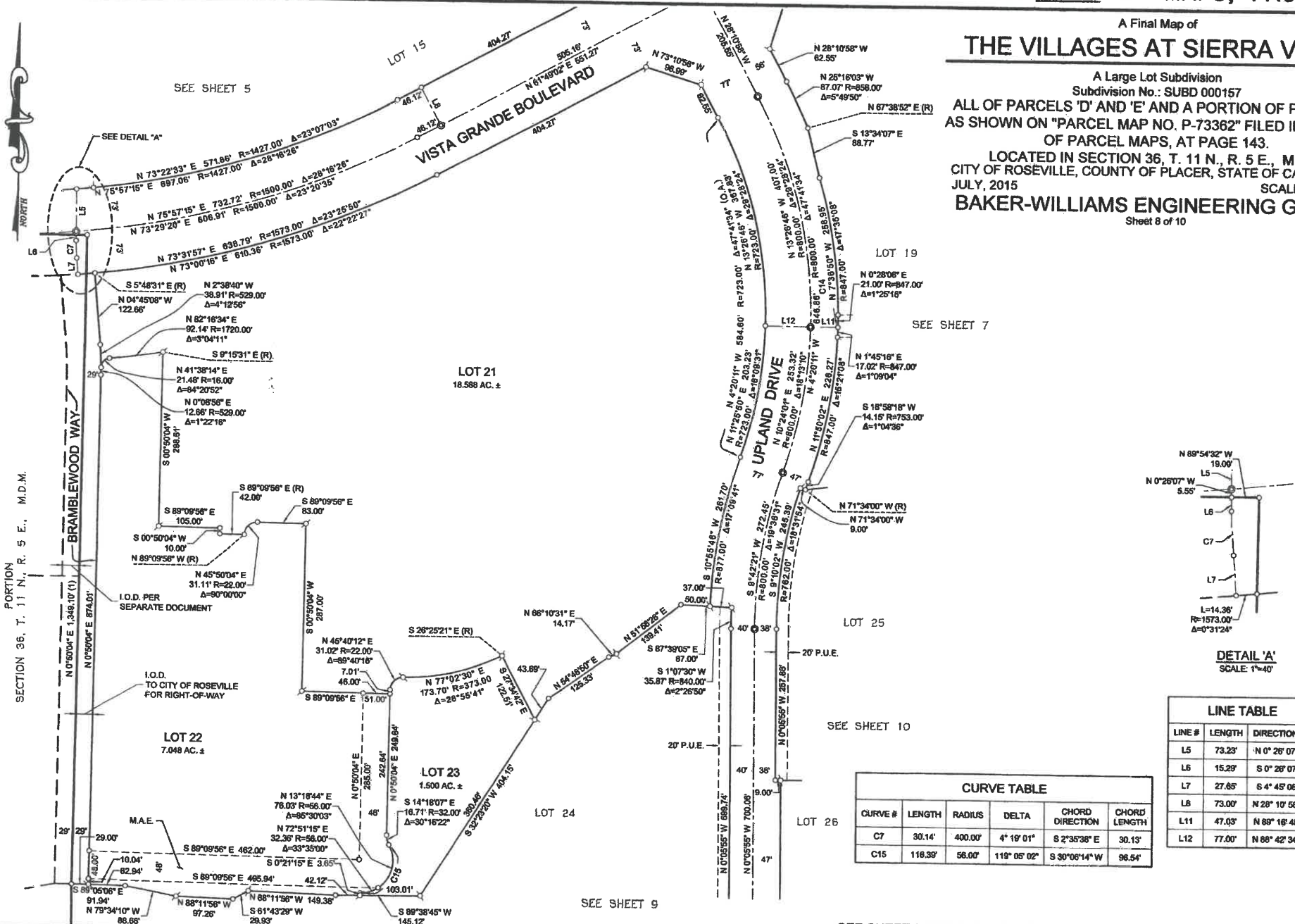
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JULY, 2015 SCALE: 1" = 100'

BAKER-WILLIAMS ENGINEERING GROUP

Sheet 8 of 10



DETAIL 'A'
SCALE: 1"=40'

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C7	30.14'	400.00'	4° 19' 01"	S 2°35'36" E	30.13'
C15	116.39'	56.00'	119° 05' 02"	S 30°06'14" W	96.54'

LINE TABLE		
LINE #	LENGTH	DIRECTION
L5	73.23'	N 0° 26' 07" W
L6	15.26'	S 0° 26' 07" E
L7	27.65'	S 4° 45' 06" E
L8	73.00'	N 28° 10' 58" W
L11	47.03'	N 89° 16' 45" E
L12	77.00'	N 88° 42' 34" W

SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

SHEET 8 OF 10

JOB NO. 14-07-024

A Final Map of

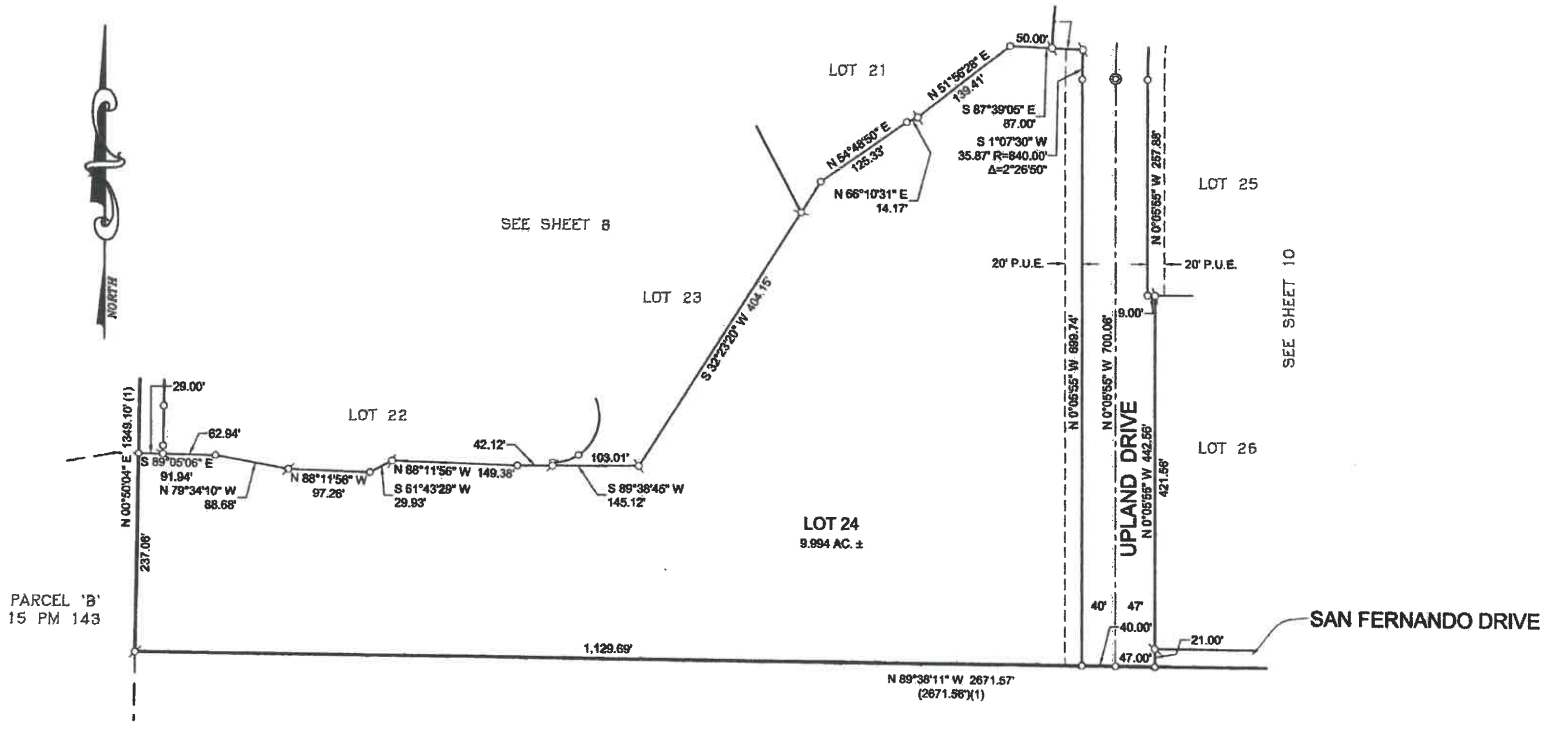
THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision Map
Subdivision No.: SUBD 000157

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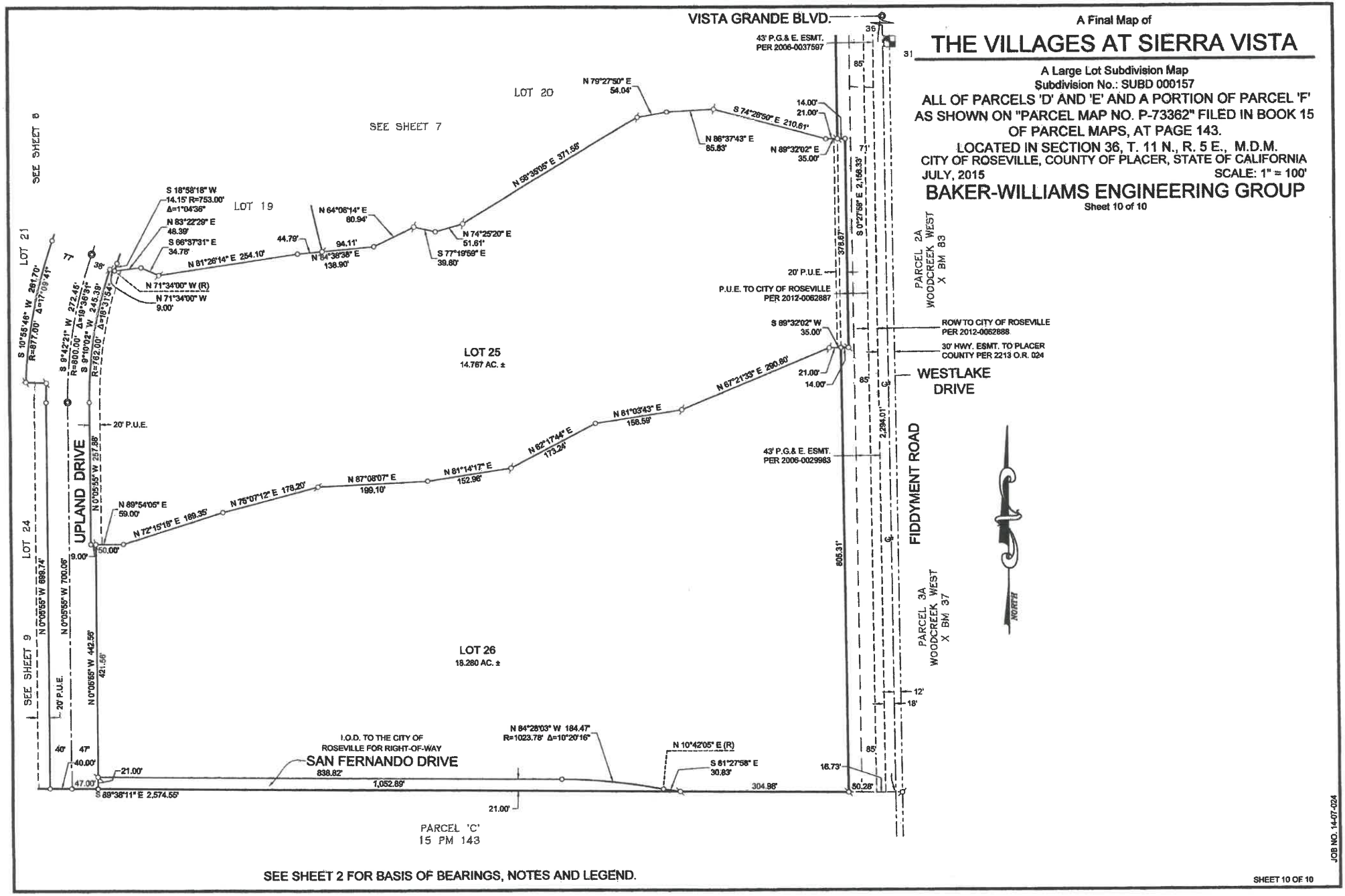
BAKER-WILLIAMS ENGINEERING GROUP
Sheet 9 of 10



SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

JOB NO. 14-07-024

BOOK DD OF MAPS, PAGE 26



A Final Map of

THE VILLAGES AT SIERRA VISTA

A Large Lot Subdivision Map
Subdivision No.: SUBD 000157

ALL OF PARCELS 'D' AND 'E' AND A PORTION OF PARCEL 'F' AS SHOWN ON "PARCEL MAP NO. P-73362" FILED IN BOOK 15 OF PARCEL MAPS, AT PAGE 143.

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JULY, 2015 SCALE: 1" = 100'

BAKER-WILLIAMS ENGINEERING GROUP
Sheet 10 of 10

SEE SHEET 2 FOR BASIS OF BEARINGS, NOTES AND LEGEND.

JOB NO. 14-07-024

SHEET 10 OF 10

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(B) PUBLIC UTILITY EASEMENT (P.U.E.) FOR INSTALLATION AND MAINTENANCE OF WATER, SEWER, GAS PIPES, ELECTROLIERS , TRAFFIC CONTROL APPURTENANCES, AND FOR POLES AND UNDERGROUND WIRES AND CONDUITS FOR ELECTRIC POWER THAT IS LIMITED BY THIS EASEMENT TO A MAXIMUM OF 13,000 VOLTS, AND TELEVISION AND TELEPHONE SERVICES TOGETHER WITH ALL APPURTENANCES PERTAINING THERETO, ON, UNDER AND ACROSS THOSE STRIPS OF LAND LYING BETWEEN THE SIDELINES OF THE RIGHTS OF WAY AND THE LINES DELINEATED P.U.E., LOCATED ON LOT 34.

(C) PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "M.A.E." (MAINTENANCE ACCESS EASEMENT).

(D) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".

(E) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES;

(A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS SANTUCCI BOULEVARD, VISTA GRANDE BOULEVARD, WESTBROOK BOULEVARD, BRANSTON DRIVE, FEDERICO DRIVE, SIERRA GLEN DRIVE, SUMMERFAIRE DRIVE, SILVER SPRUCE DRIVE, VISTA PARK DRIVE, MARKET STREET AND THE AREAS SHOWN HEREON AS I.O.D. / R.O.W.

(B) LOT 28 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A FIRE STATION.

(C) LOTS 8, 11, 13, 20, 23, 29, 30, 31, 32, 39 AND 40 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.

(D) LOTS 3, 9, 24 AND 33 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A PARK PURPOSES.

(E) LOT 34 SHOWN HEREON IS HEREBY RESERVED TO BE DEDICATED IN THE FUTURE AS A SCHOOL SITE.

(F) LOT 19 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A WATER TREATMENT/ WELL SITE.

(G) LOT 15 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A RECYCLING CENTER.

FEDERICO/TYLER FAMILY LIMITED PARTNERSHIP,
A CALIFORNIA LIMITED PARTNERSHIP
BY: THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: _____
LEONARD A. FEDERICO,
TRUSTEE OF THE JAMES A. FEDERICO AND GRACE R. FEDERICO FAMILY REVOCABLE TRUST, AS AMENDED AND RESTATED IN 2005, GENERAL PARTNER

BY: _____
LEONARD A. FEDERICO,
GENERAL PARTNER

SEE SHEET 2 FOR ADDITIONAL OWNER'S SIGNATURES

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF Fresno

ON December 21, 2017 BEFORE ME, Pauline J. Moore, Notary Public,

PERSONALLY APPEARED Leonard A. Federico

WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) (S) ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT (HE/SHE/THEY) EXECUTED THE SAME IN (HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY (HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND and official Seal.

Pauline J. Moore — Pauline J. Moore
SIGNATURE — PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Fresno COUNTY

MY COMMISSION EXPIRES: July 31, 2019 MY COMMISSION NUMBER: 2118207

PAULINE J. MOORE
Commission # 2118207
Notary Public - California
Fresno County
My Comm. Expires Jul 31, 2019

SUBDIVISION MAP ACT SECTION 66477.5 CERTIFICATE

PURSUANT TO SECTION 66477.5 OF THE SUBDIVISION MAP ACT THE CITY OF ROSEVILLE SHALL RECONVEY LOTS 15, 19 & 28 AS DEDICATED TO THE CITY ON THE MAP OF SUBDIVISION NO. PL15-0192, SIERRA VISTA FEDERICO LARGE LOT SUBDIVISION, TO THE SUBDIVIDER NAMED BELOW IF THE CITY OF ROSEVILLE MAKES A DETERMINATION THAT THE SAME PUBLIC PURPOSE FOR WHICH THE PROPERTY WAS DEDICATED DOES NOT EXIST, OR THE PROPERTY OR ANY PORTION THEREOF IS NOT NEEDED FOR PUBLIC UTILITIES EXCEPT FOR ANY PORTION OF THE PROPERTY THAT IS REQUIRED FOR THE SAME PUBLIC PURPOSE OR PUBLIC UTILITIES.

SUBDIVIDER: FEDERICO / TYLER FAMILY LIMITED PARTNERSHIP
A CALIFORNIA LIMITED PARTNERSHIP

ADDRESS: 2144 SHEILAH WAY
SACRAMENTO, CA 95822

SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2016. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY DECEMBER 31, 2019 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

CRAIG E. SPIESS, PLS 7944
EXPIRATION DATE: DECEMBER 31, 2019

DATE: 12/14/17

LICENSED LAND SURVEYOR
CRAIG E. SPIESS
12/3/19
No. 7944
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATE: 1/10/18

MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2018

I HEREBY STATE THAT I AM SATISFIED THIS THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATE: 1/10/18

TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2019

LICENSED LAND SURVEYOR
TIMOTHY G. BLAIR
Exp. 12-31-19
No. 8278
STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION AND EASEMENT LISTED HEREON WITHIN NOTE 5 ON SHEET 4.

CITY CLERK, CITY OF ROSEVILLE

DATE: 01/11/18

BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 16th DAY OF February, 2018, AT 9:36 A.M. IN BOOK EE OF MAPS, AT PAGE 6. IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

DOCUMENT NO.: 2018-0010061

BY: _____
DEPUTY

FEE: $ 149.00

FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 861.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JANUARY 2018

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1199

OWNER'S STATEMENT CONTINUED

BY: Anna J. Starks
ANNA J. STARKS,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED ANNA J. STARKS
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND and Official Seal.
Sandra Lessard SANDRA LESSARD
SIGNATURE PRINTED NAME
MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
MY COMMISSION EXPIRES: Oct 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Gary J. Federico
GARY J. FEDERICO
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED GARY J. FEDERICO
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

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MY COMMISSION EXPIRES: Oct 18, 2020 MY COMMISSION NUMBER: 2165215

BY: Janet M Wright
JANET M. WRIGHT,
GENERAL PARTNER
Federico/Tyler Family Limited Partnership

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STATE OF CALIFORNIA
COUNTY OF SACRAMENTO
ON JAN. 4, 2018 BEFORE ME, SANDRA LESSARD, NOTARY PUBLIC
PERSONALLY APPEARED JANET M. WRIGHT
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

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Sandra Lessard SANDRA LESSARD
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MY PRINCIPAL PLACE OF BUSINESS IS PLACER COUNTY
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FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

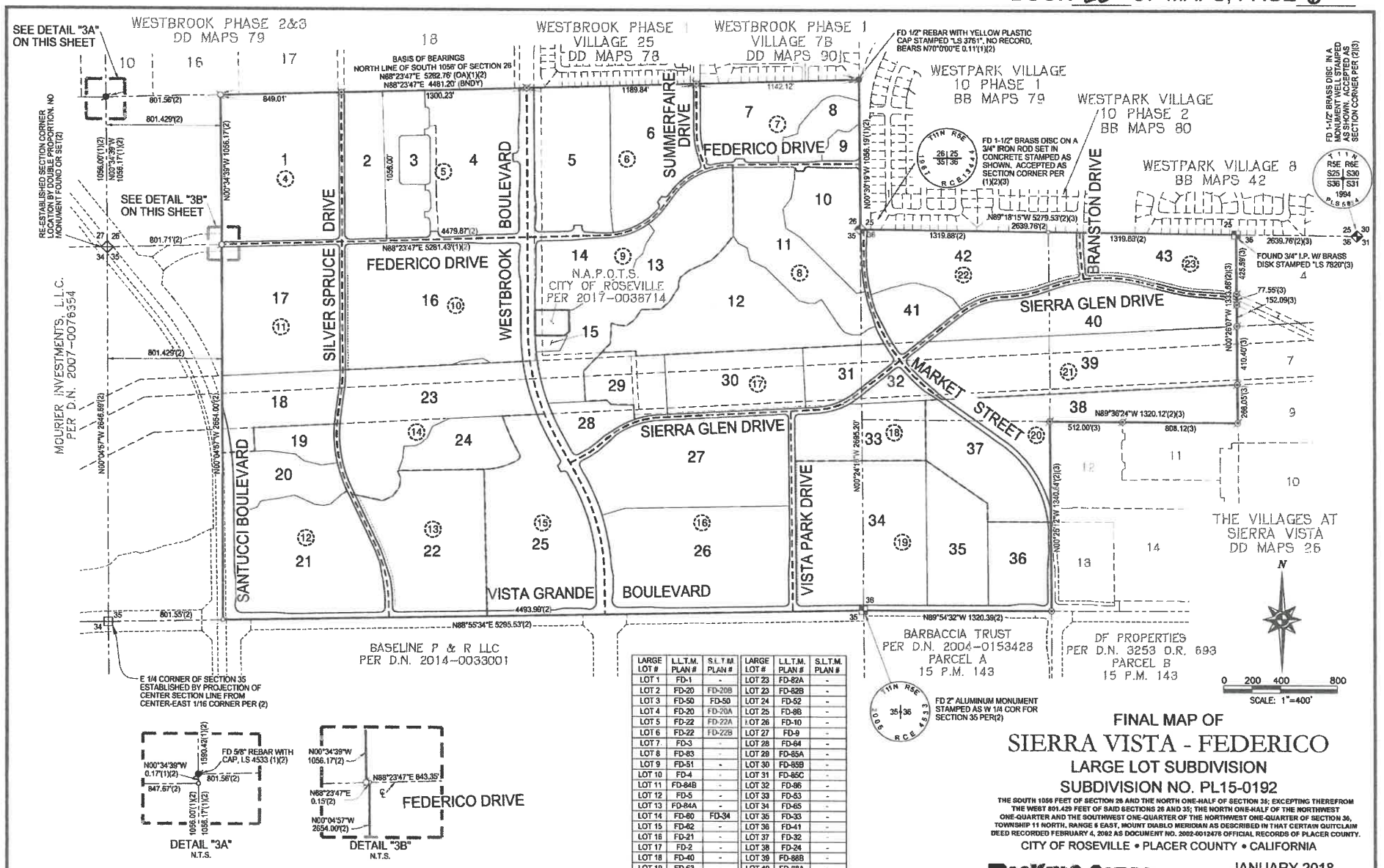
THE SOUTH 1656 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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JANUARY 2018

BOOK Ee OF MAPS, PAGE 6



LARGE LOT #	L.L.T.M. PLAN #	S.L.T.M. PLAN #	LARGE LOT #	L.L.T.M. PLAN #	S.L.T.M. PLAN #
LOT 1	FD-1	-	LOT 23	FD-82A	-
LOT 2	FD-20	FD-20B	LOT 23	FD-82B	-
LOT 3	FD-50	FD-50	LOT 24	FD-52	-
LOT 4	FD-20	FD-20A	LOT 25	FD-8B	-
LOT 5	FD-22	FD-22A	LOT 26	FD-10	-
LOT 6	FD-22	FD-22B	LOT 27	FD-9	-
LOT 7	FD-3	-	LOT 28	FD-84	-
LOT 8	FD-83	-	LOT 29	FD-85A	-
LOT 9	FD-51	-	LOT 30	FD-85B	-
LOT 10	FD-4	-	LOT 31	FD-85C	-
LOT 11	FD-84B	-	LOT 32	FD-86	-
LOT 12	FD-5	-	LOT 33	FD-53	-
LOT 13	FD-84A	-	LOT 34	FD-65	-
LOT 14	FD-60	FD-34	LOT 35	FD-33	-
LOT 15	FD-62	-	LOT 36	FD-41	-
LOT 16	FD-21	-	LOT 37	FD-32	-
LOT 17	FD-2	-	LOT 38	FD-24	-
LOT 18	FD-40	-	LOT 39	FD-88B	-
LOT 19	FD-63	-	LOT 40	FD-88A	-
LOT 20	FD-80	-	LOT 41	FD-87A	-
LOT 21	FD-23	-	LOT 42	FD-6	-
LOT 22	FD-8A	-	LOT 43	FD-7	-

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 6 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012478 OFFICIAL RECORDS OF PLACER COUNTY.

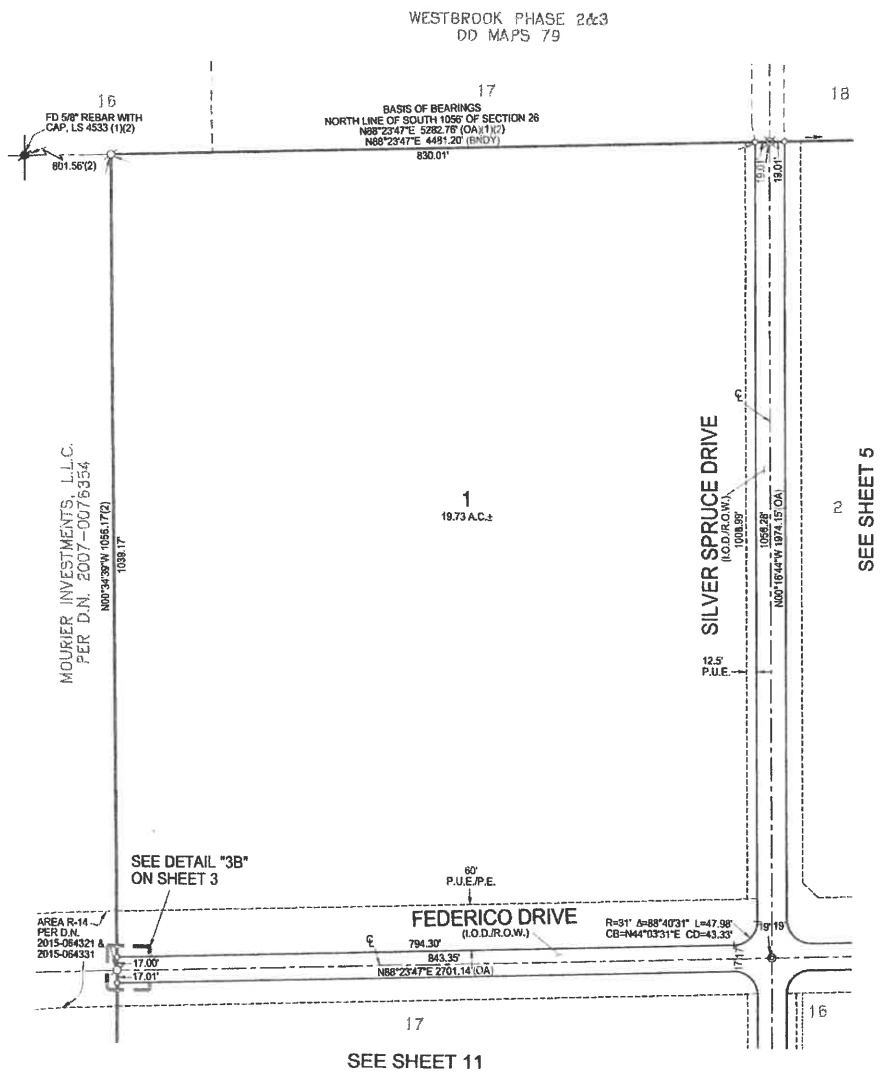
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JANUARY 2018

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SHEET 3 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.



LEGEND

◆	FOUND SECTION CORNER AS NOTED
◈	SECTION CORNER, NO MONUMENT FOUND OR SET
■	FOUND QUARTER SECTION CORNER AS NOTED
⊞	QUARTER SECTION CORNER, NO MONUMENT FOUND OR SET
⌀	FOUND MONUMENT AS NOTED
⊙	FOUND 2" DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL.(3)
⊠	FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
⌀	FOUND 3/4" IRON PIPE W/ BRASS DISC STAMPED "LS 7820"(3)
⊙	SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
⌀	SET 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"
o	DIMENSION POINT (NOTHING FOUND OR SET)
AC.	ACRES
CB	CHORD BEARING
CD	CHORD DISTANCE
℄	CENTERLINE
D.N.	DOCUMENT NUMBER
E.E.	ELECTRICAL EASEMENT
I.O.D.	IRREVOCABLE OFFER OF DEDICATION
I.P.	IRON PIPE
M.A.E.	MAINTENANCE ACCESS EASEMENT
NAPOTS	NOT A PART OF THIS SURVEY
(OA)	OVERALL
O.R.	OFFICIAL RECORDS OF PLACER COUNTY
P.E.	PASEO EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
R.O.W.	RIGHT OF WAY
S.F.	SQUARE FEET
S.L.T.M.	SMALL LOT TENTATIVE MAP
S.M.U.D.	SACRAMENTO MUNICIPAL UTILITY DISTRICT
L.L.T.M.	LARGE LOT TENTATIVE MAP
( )	DENOTES RECORD INFORMATION
(1)	SHEET INDEX

NOTES:

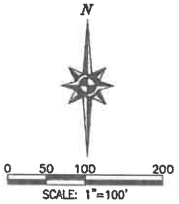
1. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR. ALL DISTANCES SHOWN ARE FEET AND DECIMALS THEREOF.
2. TOTAL AREA FOR THIS SUBDIVISION IS 505.05± ACRES, CONSISTING OF 43 LARGE LOTS.
3. THE EASEMENT FOR TEMPORARY INGRESS / EGRESS EASEMENT GRANTED TO FRANK T. CHAN, TRUST OF THE FRANK T. CHAN FAMILY TRUST U/A DATED DECEMBER 8, 2003, ET AL, IN DEED RECORDED AUGUST 13, 2015, AS INSTRUMENT NO. 2015-0070559, OFFICIAL RECORDS OF PLACER COUNTY IS FULLY CONTAINED IN THE RIGHT OF WAY SHOWN HEREON.
4. THE CITY WILL NOT BE MAINTAINING LANDSCAPING ON LOTS 14, 34 & 37 SHOWN HEREON.
5. PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON, ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND DRAINAGE EASEMENT THAT AFFECT THIS MAP ARE HEREBY ABANDONED:
   - A. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
   - B. AREA O-7, O-8, O-9, O-10, O-11, O-12 AND O-13 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
   - C. AREA POP-2, POP-3, POP-4 AND POP-5 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064322, OFFICIAL RECORDS PLACER COUNTY.
   - D. AREA E-6, E-7, E-8, E-12, E-17 AND E-19 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
   - E. AREA R-1, R-2, R-3, R-9, R-10, R-13, R-14, R-15 AND R-16 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064332, OFFICIAL RECORDS PLACER COUNTY.
   - F. A PORTION OF THAT CERTAIN DRAINAGE EASEMENT SHOWN AS SHOWN PARCEL 2 AND DESCRIBED IN EXHIBIT "B-1 AS DESCRIBED IN THAT CERTAIN GRANT OF EASEMENT RECORDED NOVEMBER 14, 2006 IN DOCUMENT NO. 2006-0122389, OFFICIAL RECORDS PLACER COUNTY, NOT SHOWN WITHIN LOT 7.

BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF THE SOUTH 1056.00' OF SECTION 26 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

REFERENCES:

(1) CC MAPS 85
(2) 22 R.S. 135
(3) DD MAPS 26
(4) DOC. NO. 2017-0038714



FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

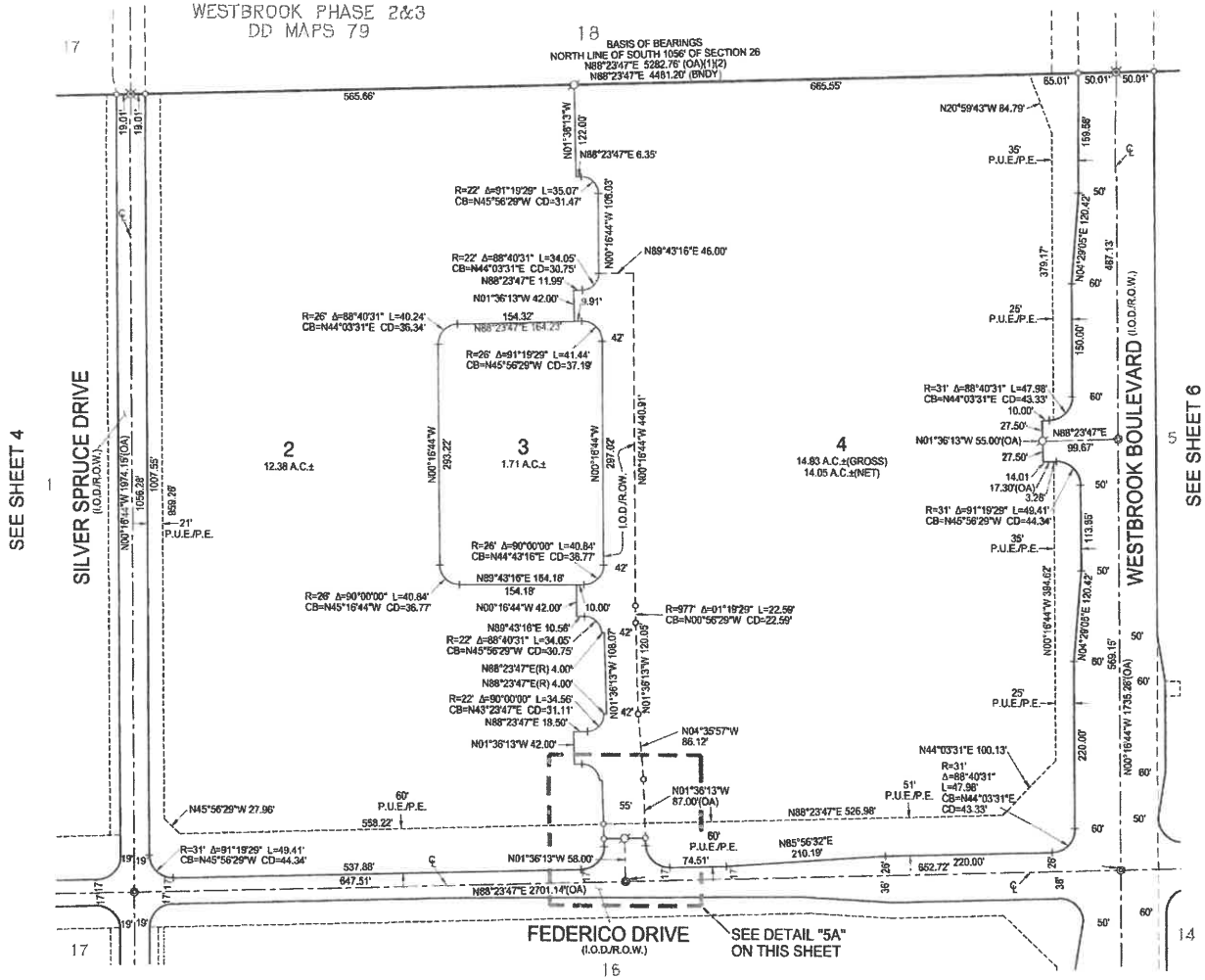
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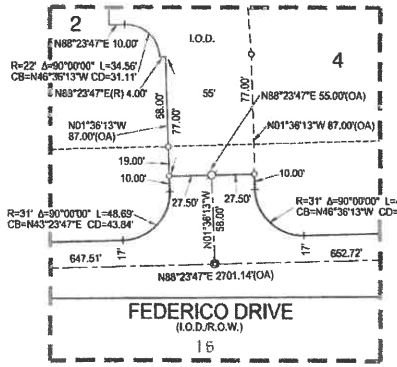
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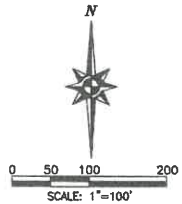
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SHEET 4 OF 23 18254.FED







FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

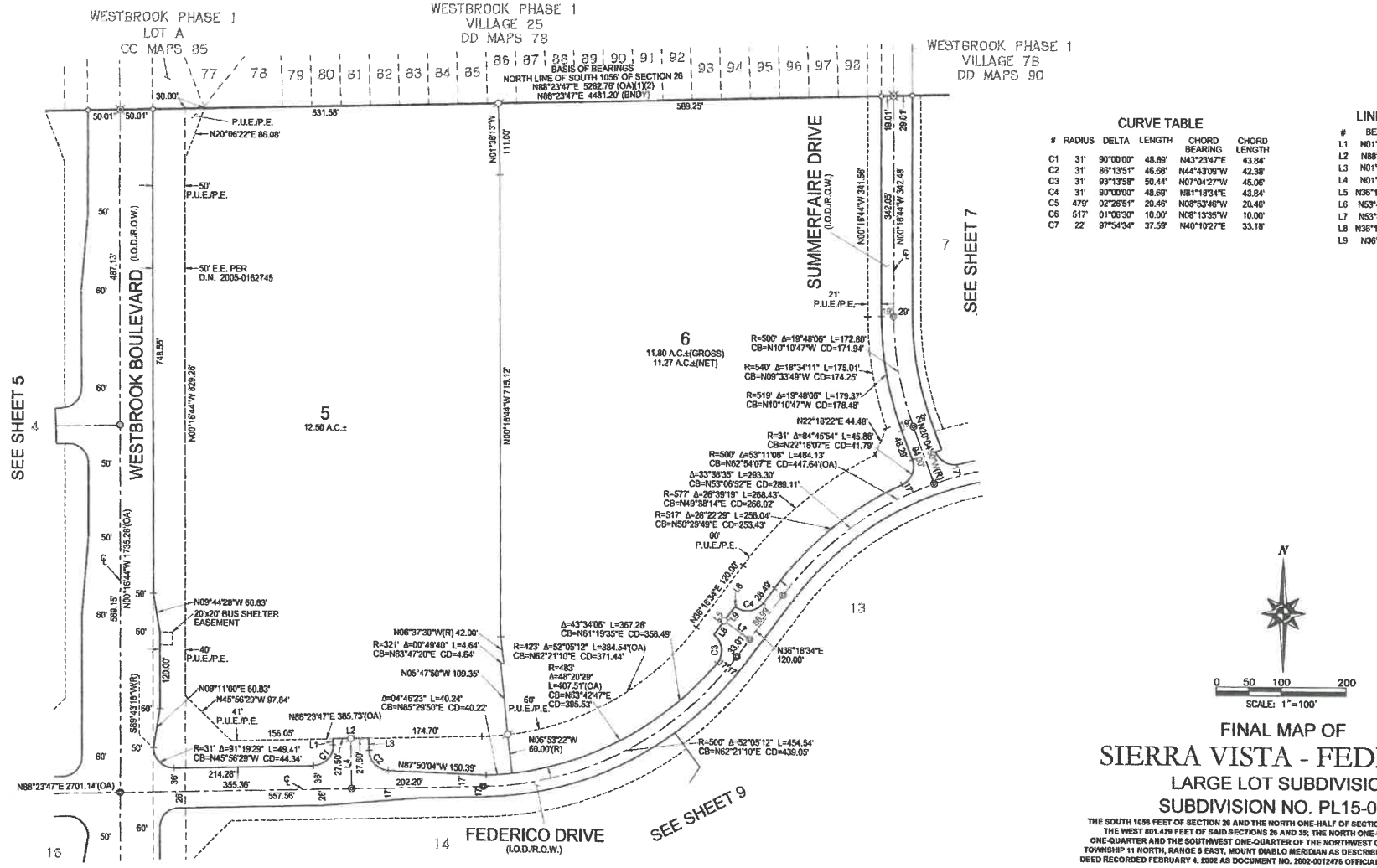
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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

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JANUARY 2018



CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N43°23'47"E	43.84'
C2	31'	86°13'51"	46.66'	N44°43'09"W	42.38'
C3	31'	93°13'58"	50.44'	N07°04'27"W	45.06'
C4	31'	90°00'00"	48.69'	N81°16'34"E	43.84'
C5	479'	02°26'51"	20.46'	N08°53'46"W	20.46'
C6	517'	01°06'30"	10.00'	N08°13'35"W	10.00'
C7	22'	97°54'34"	37.59'	N40°10'27"E	33.18'

LINE TABLE

#	BEARING	LENGTH
L1	N01°38'13"W	10.00'
L2	N88°23'47"E	55.00'
L3	N01°36'13"W	19.16'
L4	N01°38'13"W	77.00'
L5	N36°18'34"E(R)	55.00'
L6	N53°41'26"W	0.72'
L7	N53°41'26"W	48.72'
L8	N36°18'34"E(R)	29.50'
L9	N36°18'34"E	29.50'

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

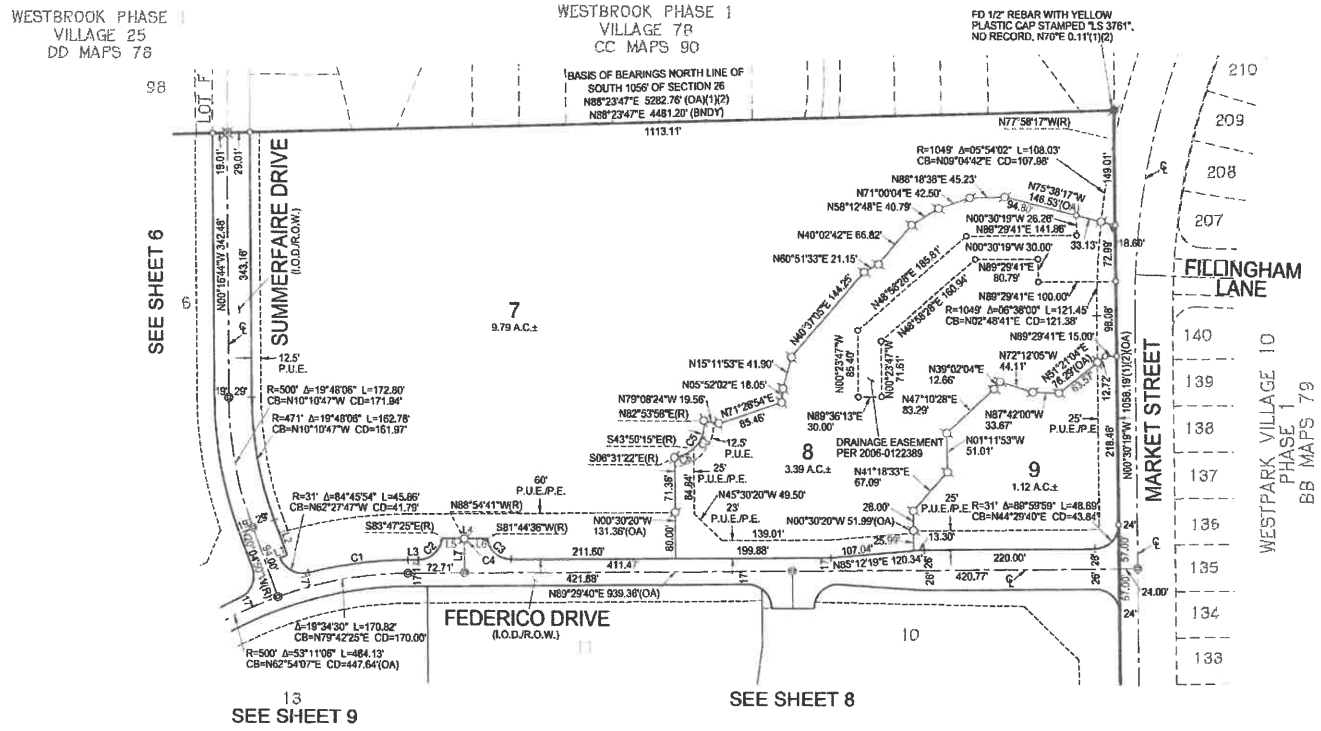
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JANUARY 2018



CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	517'	14°20'24"	129.40'	N82°19'28"E	129.06'
C2	31'	83°17'05"	45.06'	N47°51'07"E	41.20'
C3	31'	82°14'56"	44.50'	N49°22'52"W	40.76'
C4	250'	00°34'59"	2.54'	N00°47'50"W	2.54'
C5	43'	90°34'40"	67.98'	N38°11'18"E	61.12'
C6	43'	37°18'53"	28.00'	N64°49'12"E	27.51'
C7	43'	53°15'48"	39.97'	N19°31'52"E	38.55'

LINE TABLE

#	BEARING	LENGTH
L1	N69°55'10"E(R)	10.00'
L2	N20°04'50"W	48.29'
L3	N89°29'40"E	13.18'
L4	N89°57'30"W	58.20'
L5	N89°57'30"W	28.73'
L6	N89°57'30"W	29.47'
L7	N00°30'20"W	41.56'

N

0 50 100 200

SCALE: 1"=100'

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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SHEET 7 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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JANUARY 2018

SHEET 8 OF 23 18254.FED

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0 50 100 200

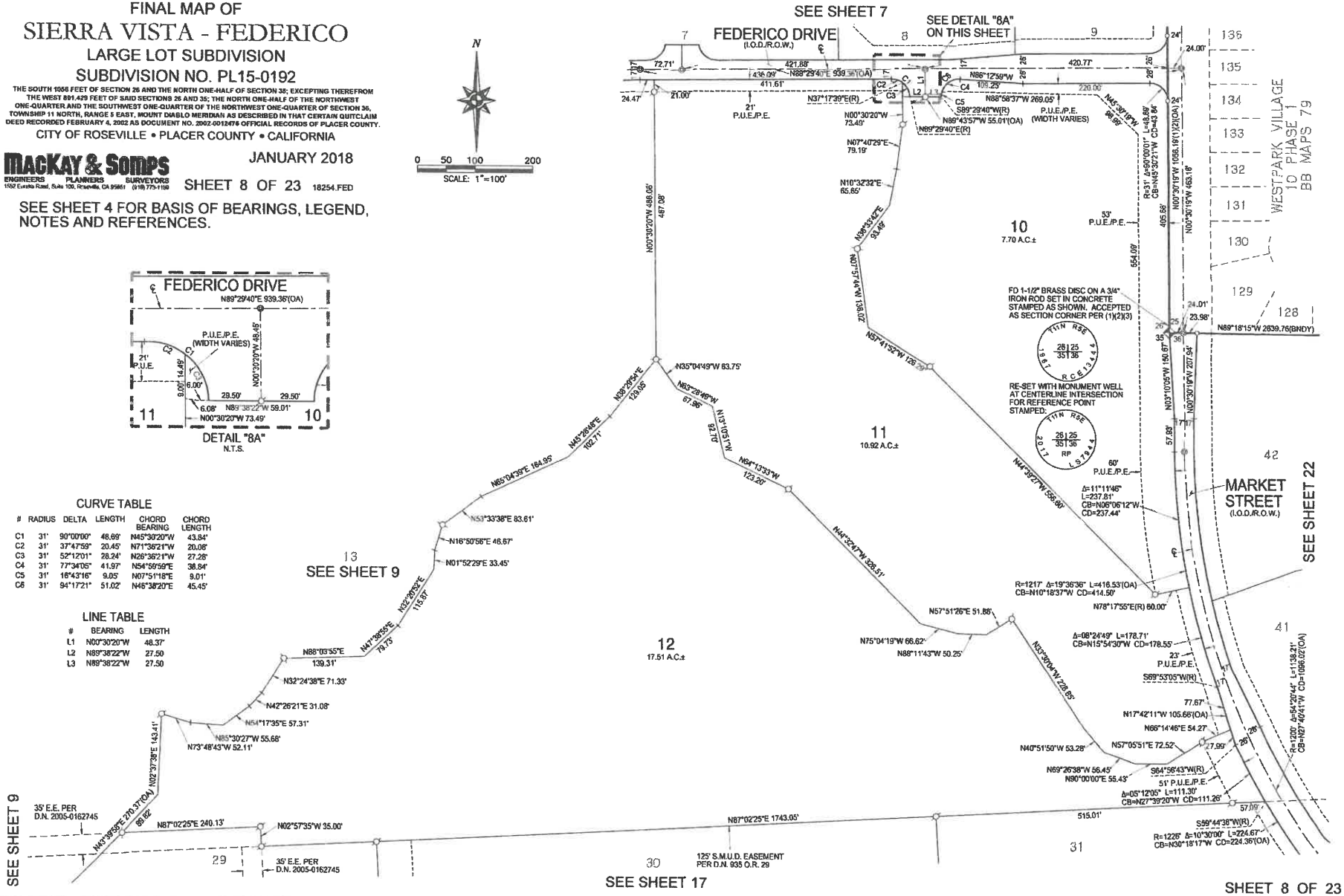
SCALE: 1"=100'

CURVE TABLE

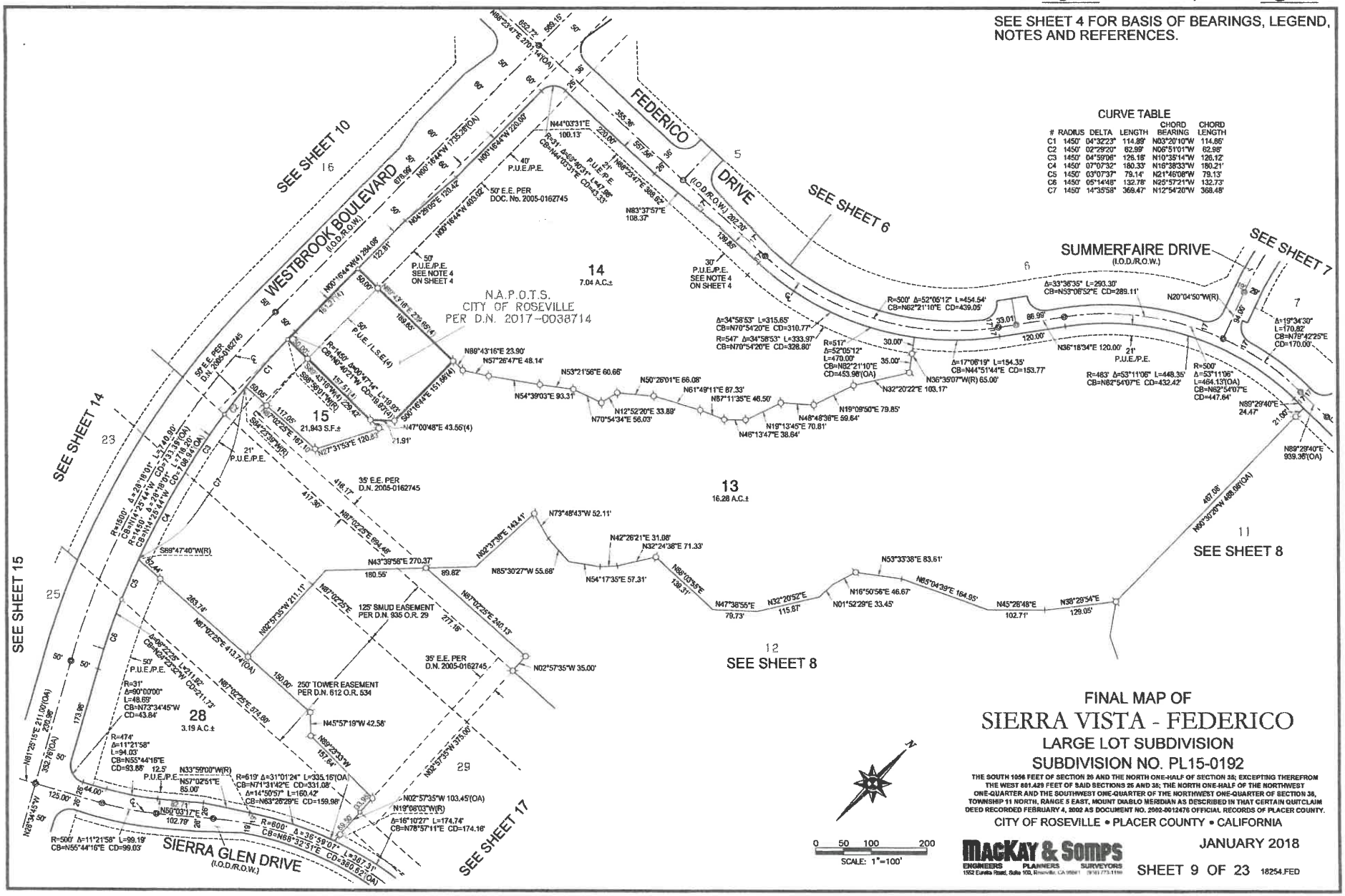
#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	31'	90°00'00"	48.69'	N45°30'20"W	43.84'
C2	31'	37°47'59"	20.45'	N71°36'21"W	20.08'
C3	31'	52°12'01"	28.24'	N26°36'21"W	27.26'
C4	31'	77°34'05"	41.97'	N54°56'59"E	38.84'
C5	31'	16°43'16"	9.05'	N07°51'18"E	9.01'
C6	31'	94°17'21"	51.02'	N46°38'20"E	45.45'

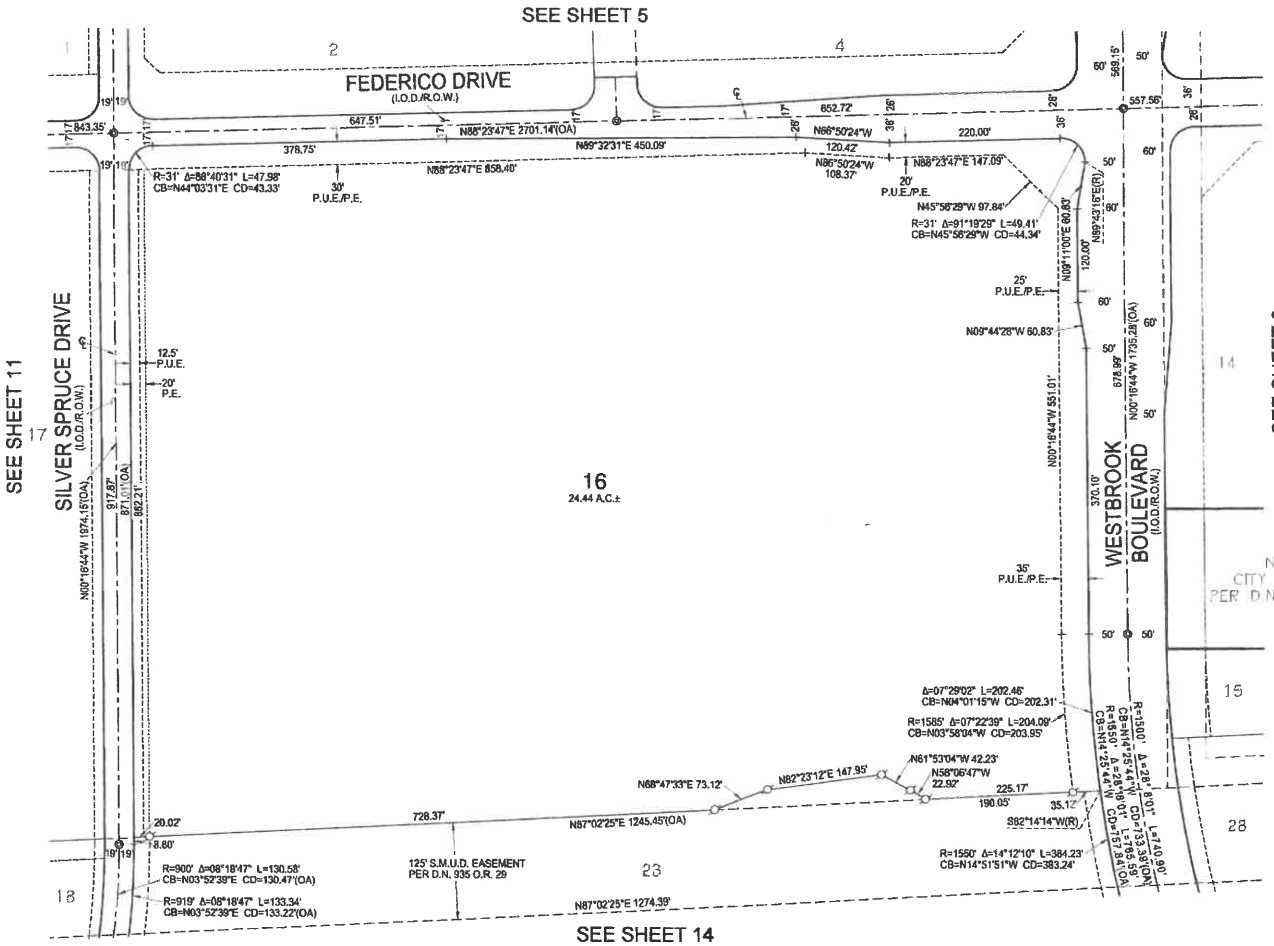
LINE TABLE

#	BEARING	LENGTH
L1	N00°30'20"W	48.37'
L2	N89°38'22"W	27.50
L3	N89°38'22"W	27.50



BOOK EE OF MAPS, PAGE 6





FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

THE SOUTH 1056 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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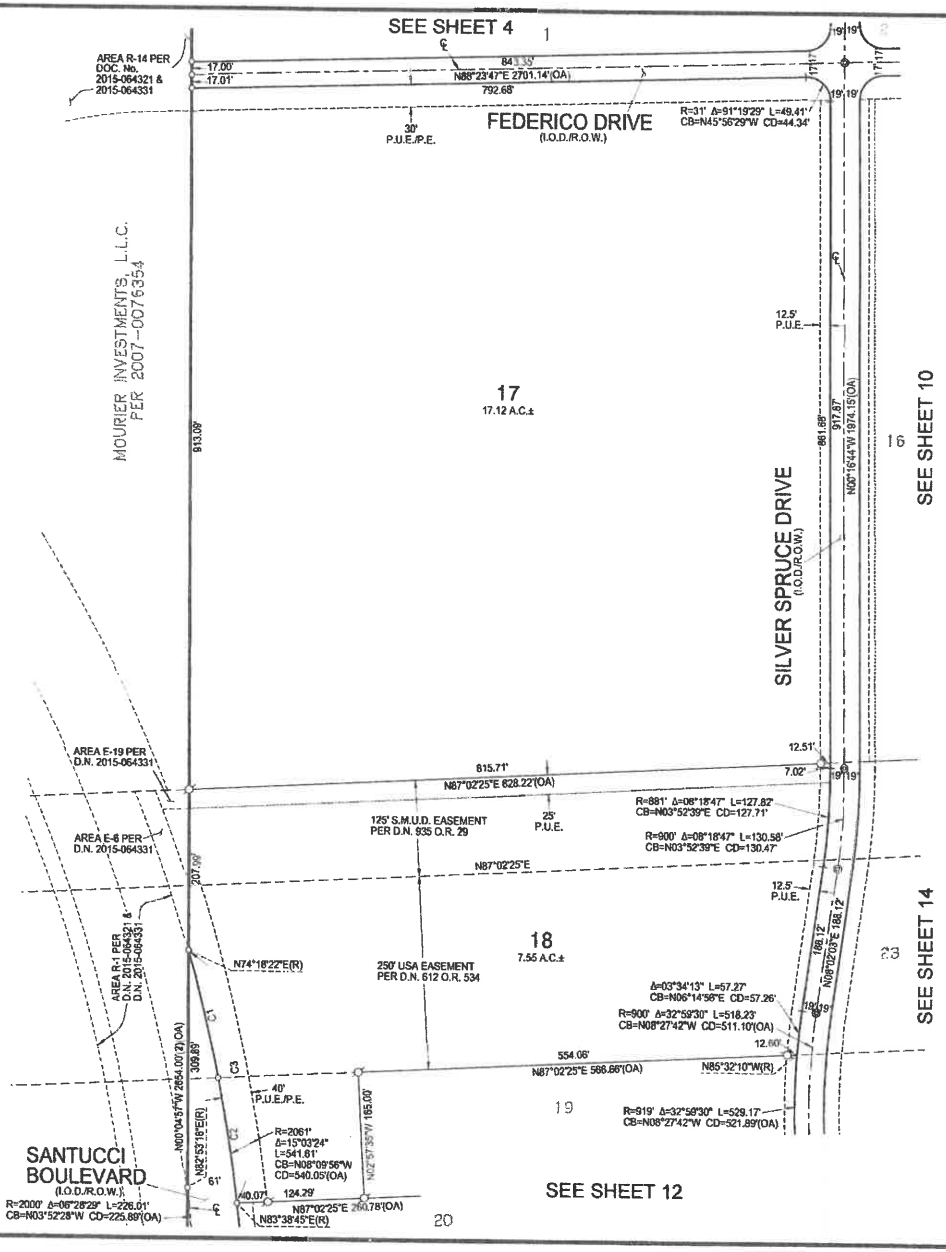
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SHEET 10 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

BOOK EE OF MAPS, PAGE 6



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	2061'	04°36'40"	165.88'	N08°39'35"W	165.82'
C2	2061'	04°43'44"	170.10'	N13°19'46"W	170.05'
C3	2061'	09°20'23"	335.96'	N11°01'26"W	335.59'

N

0 50 100 200

SCALE: 1"=100'

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

THE SOUTH 1956 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

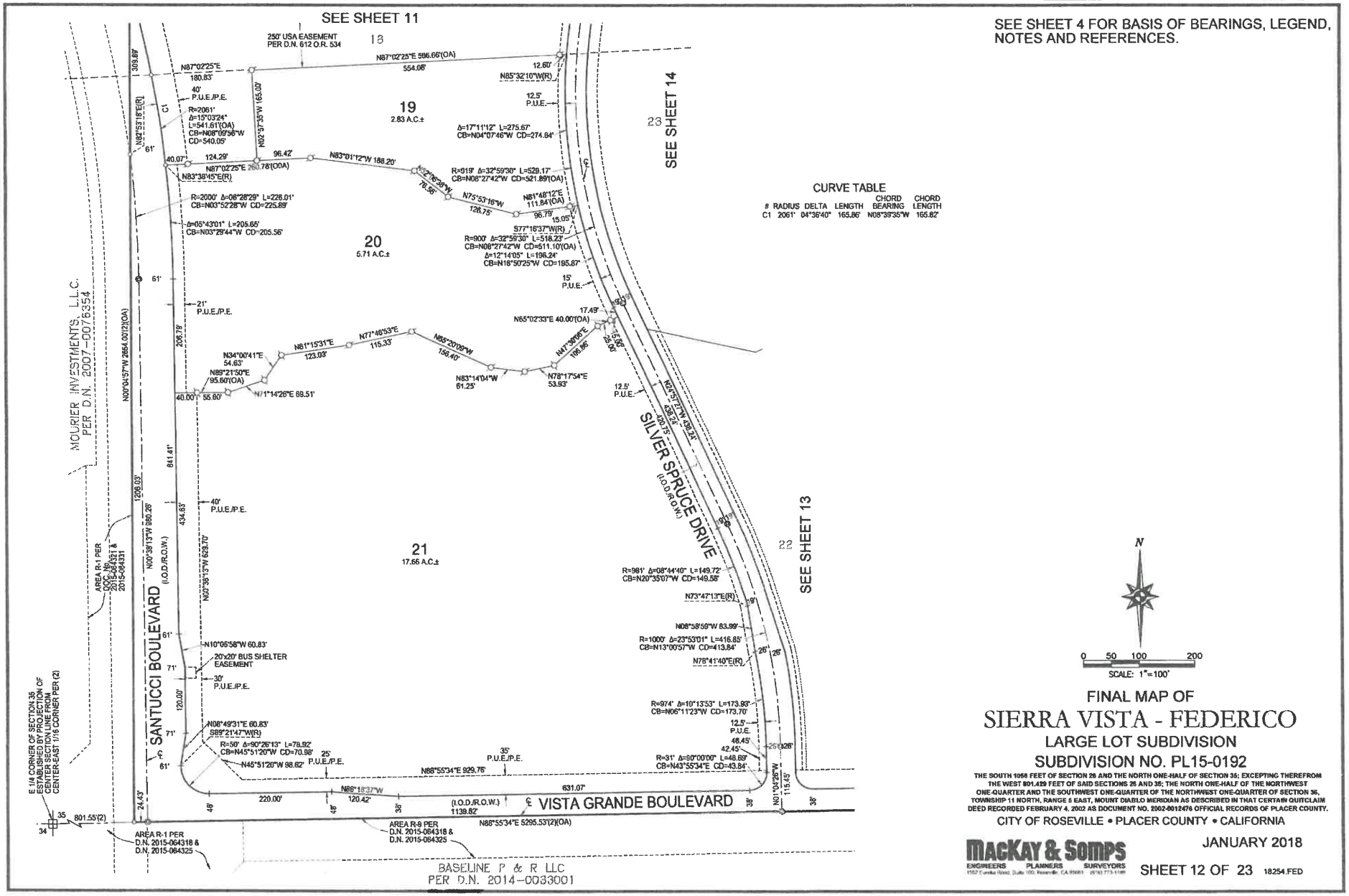
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JANUARY 2018

SHEET 11 OF 23 18254.FED

BOOK EE OF MAPS, PAGE 6



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

0 50 100 200
SCALE: 1"=100'

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

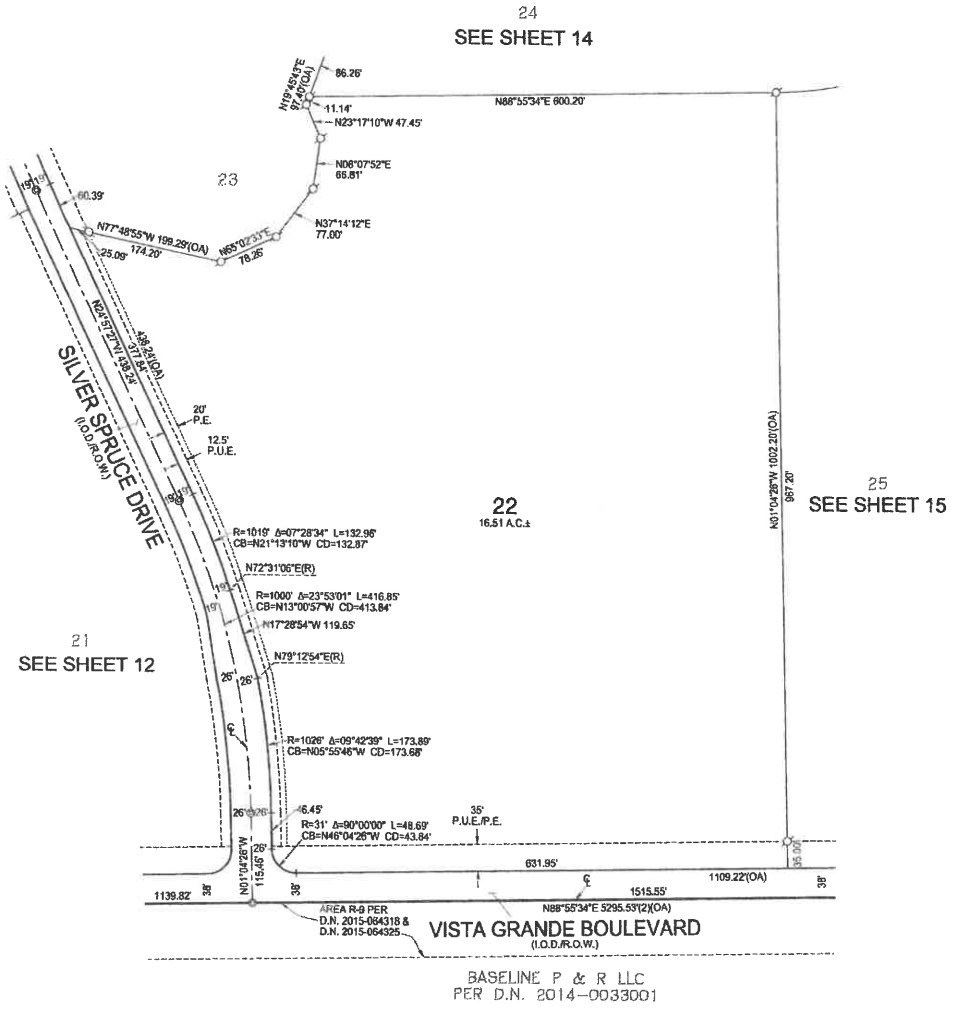
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SHEET 12 OF 23 18254.FED



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

N

0 50 100 200

SCALE: 1"=100'

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

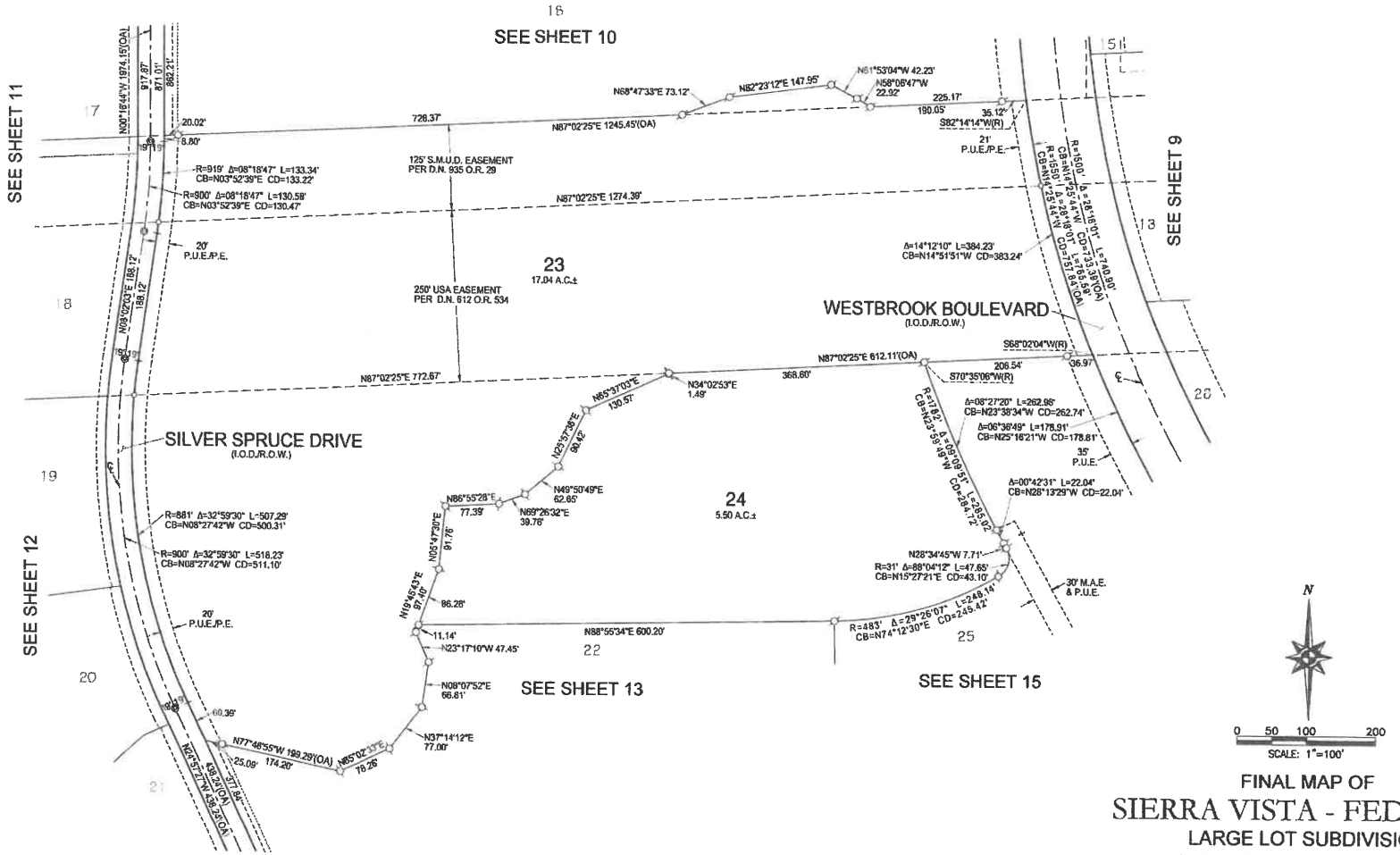
THE SOUTH 1058 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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JANUARY 2018

SHEET 13 OF 23 16254.FED



FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

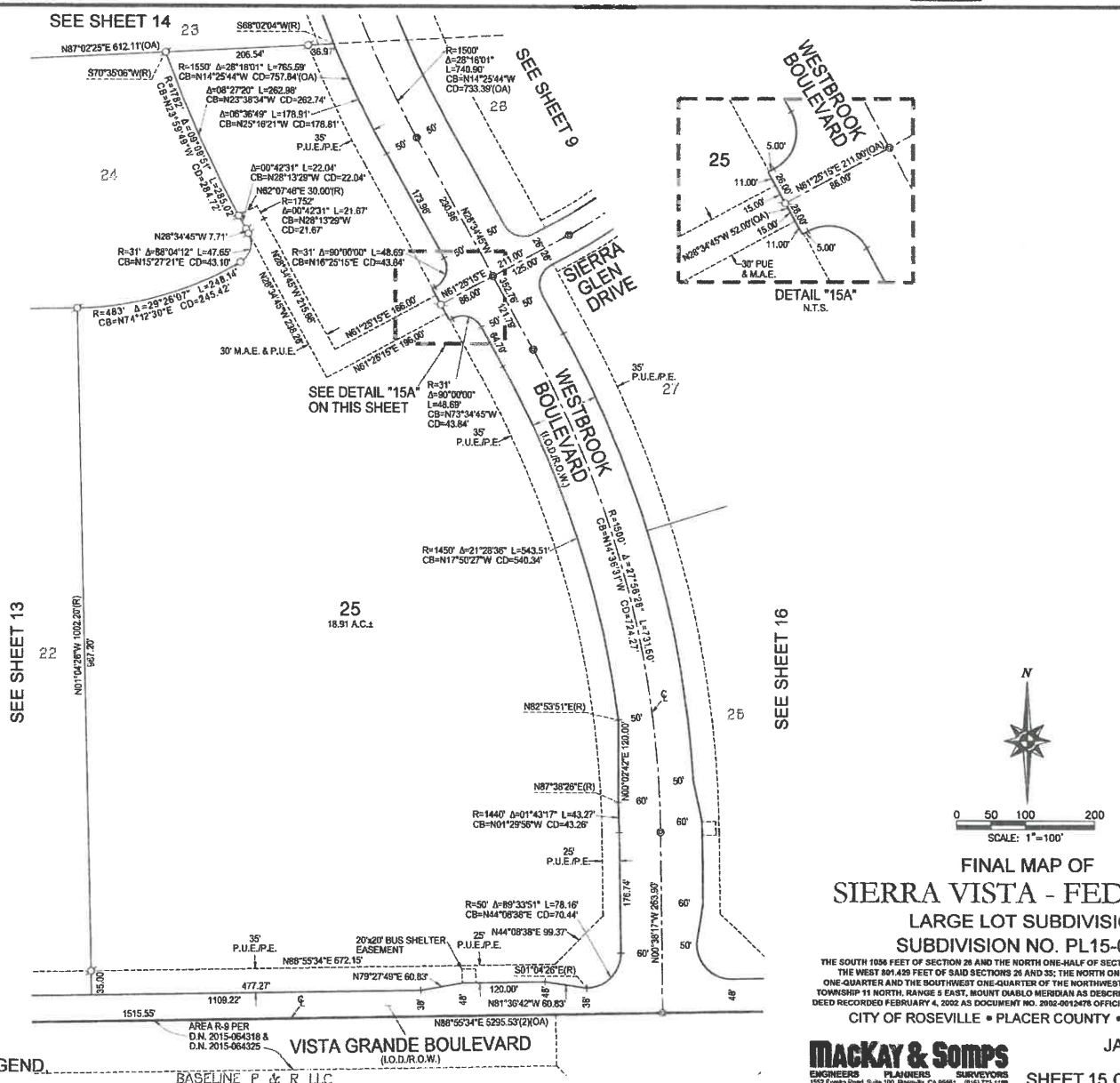
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JANUARY 2018



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

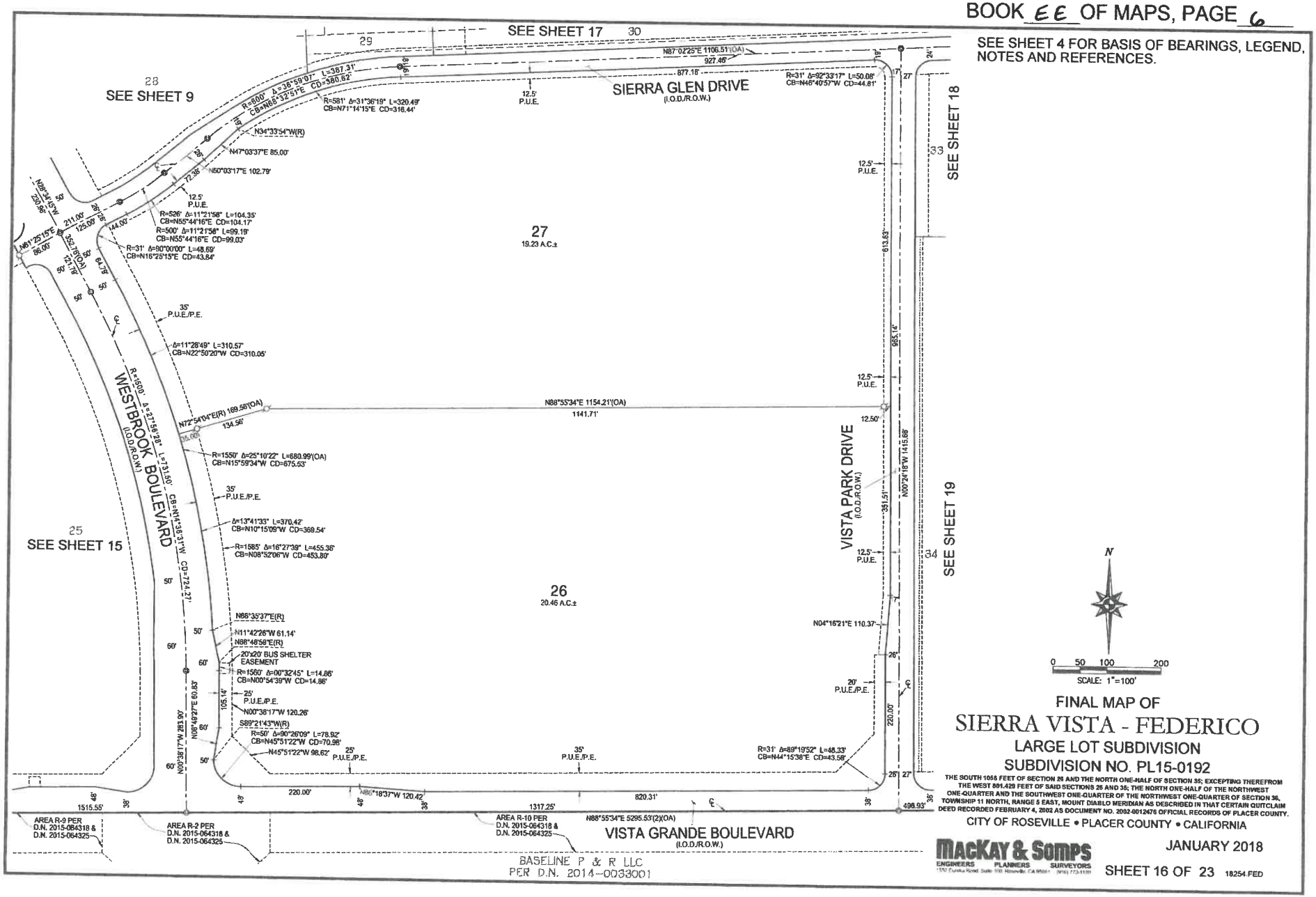
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BOOK EE OF MAPS, PAGE 6



FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

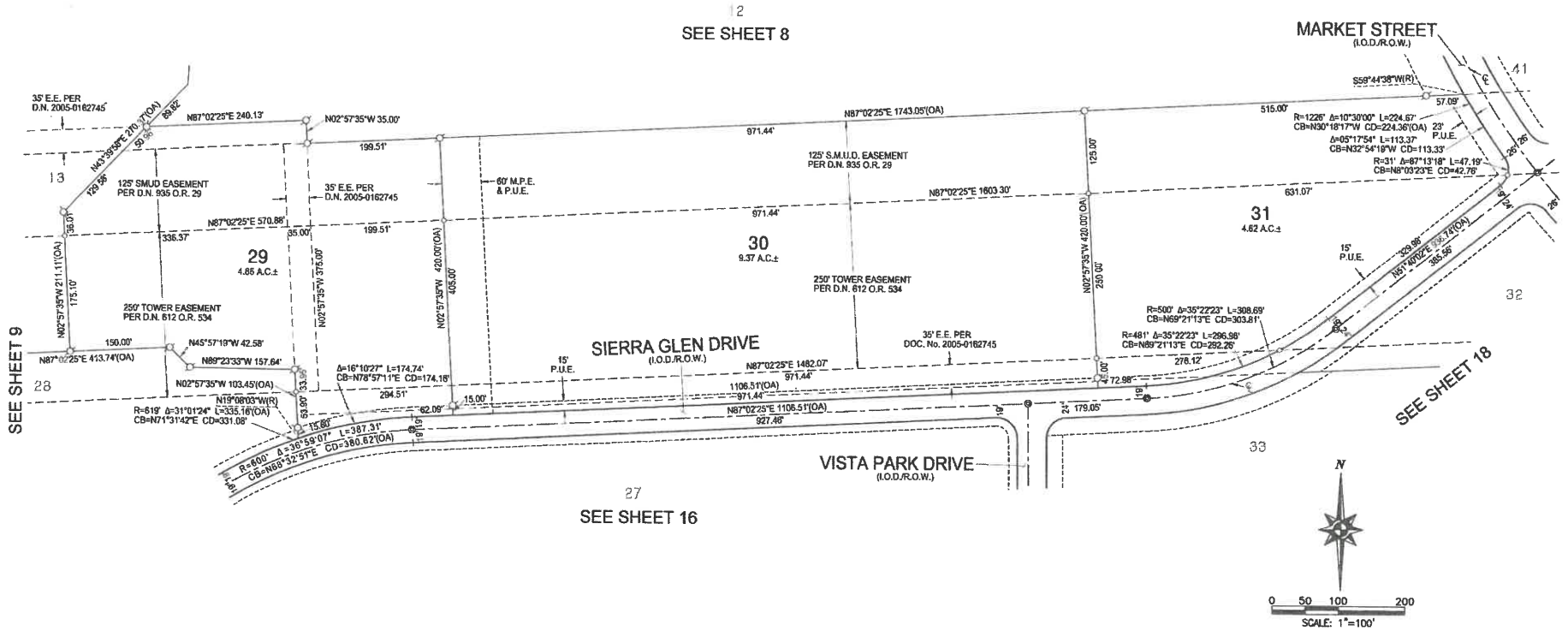
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SHEET 16 OF 23 18254.FED



FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

THE SOUTH 1658 FEET OF SECTION 28 AND THE NORTH ONE-HALF OF SECTION 33; EXCEPTING THEREFROM THE WEST 601.429 FEET OF SAID SECTIONS 28 AND 33; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 34, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

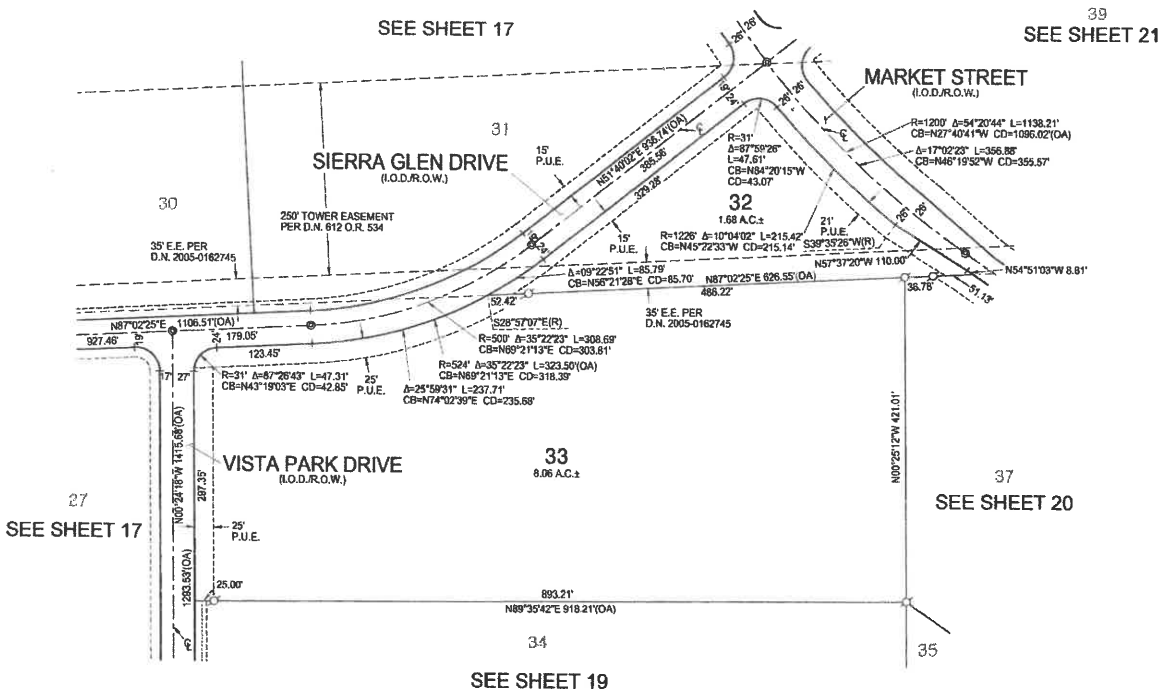
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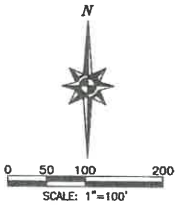
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SHEET 17 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.





FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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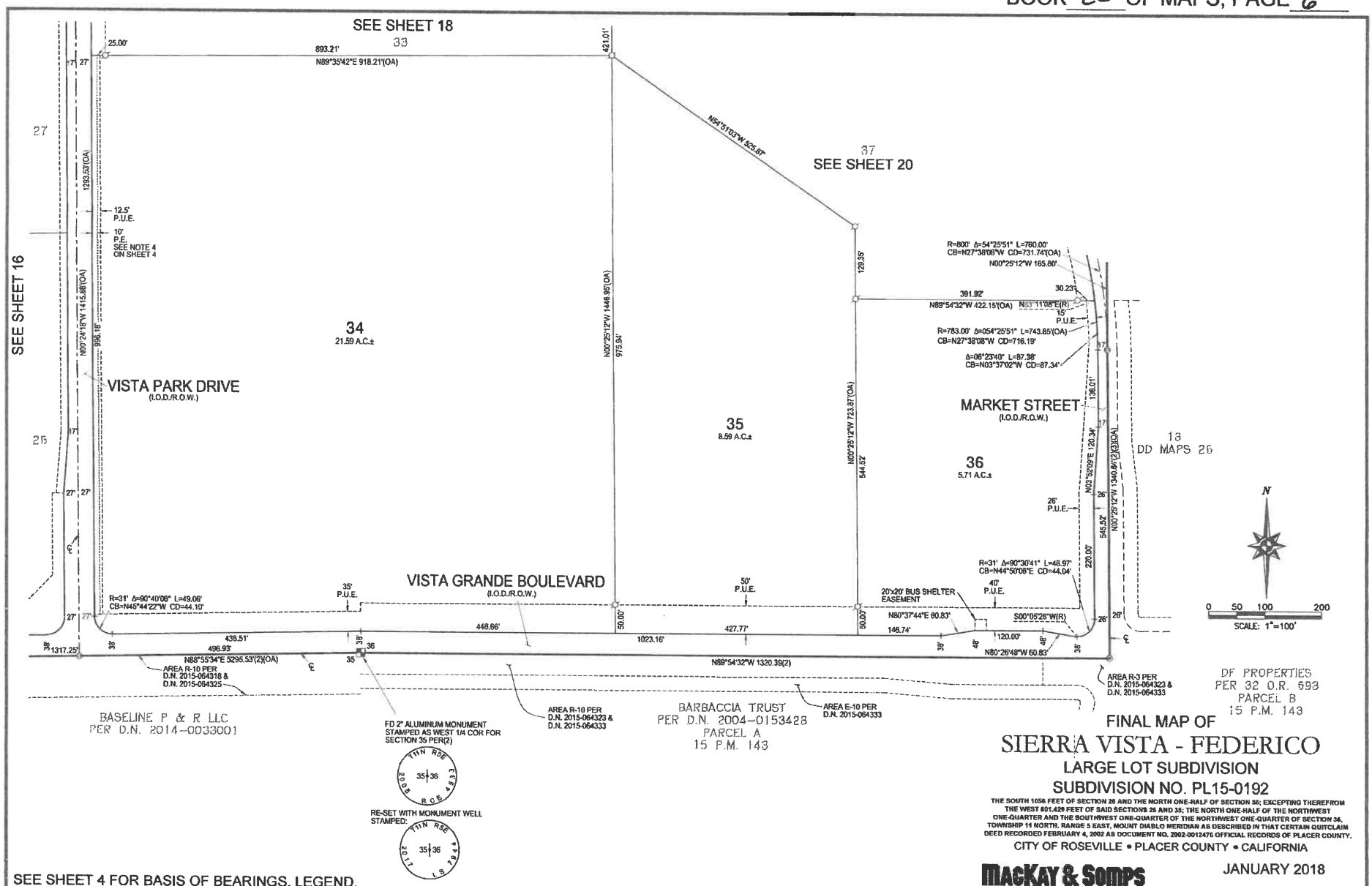
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SHEET 18 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

BOOK EE OF MAPS, PAGE 6



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

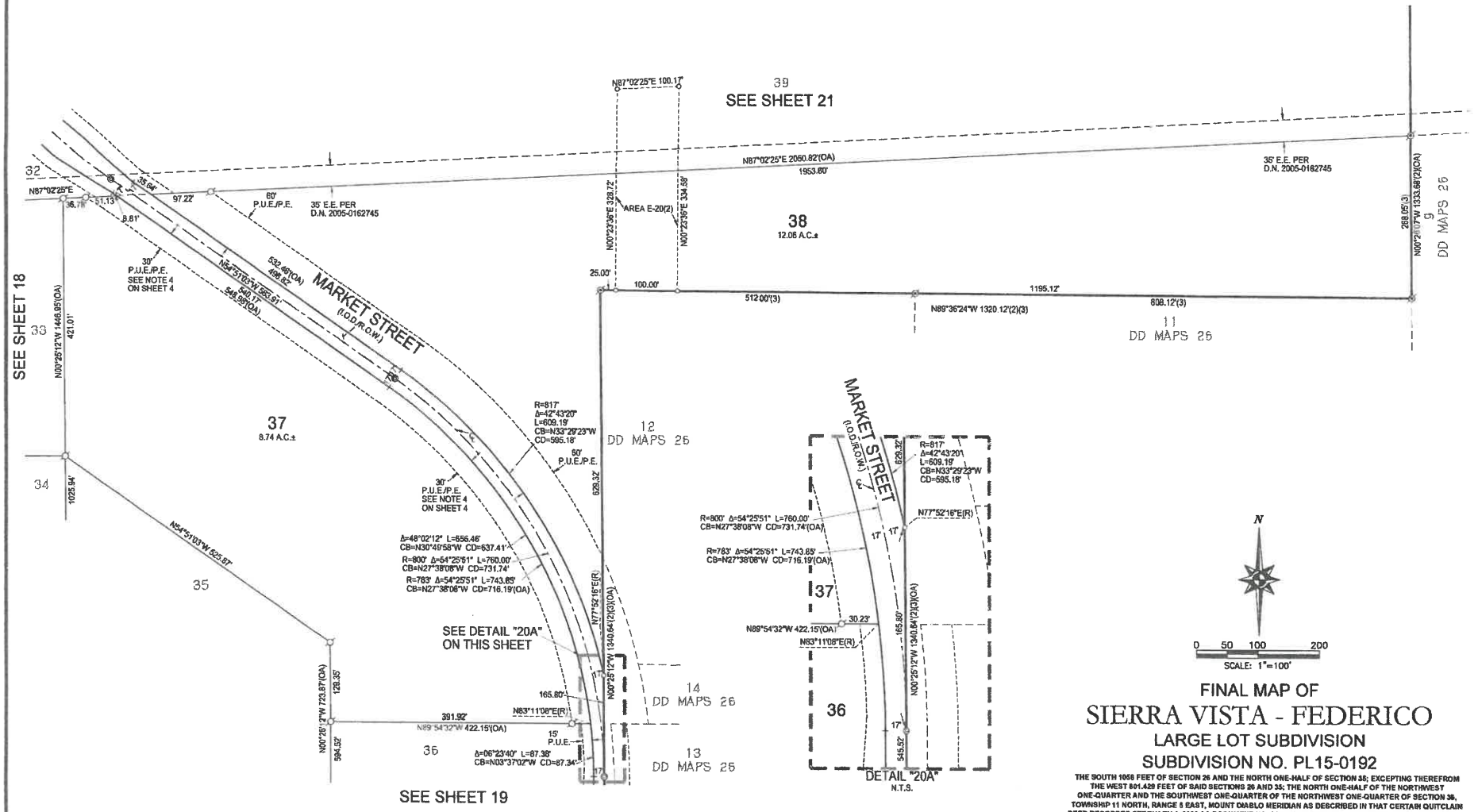
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SHEET 19 OF 23 18254.FED



FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

THE SOUTH 1058 FEET OF SECTION 26 AND THE NORTH ONE-HALF OF SECTION 35; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 26 AND 35; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

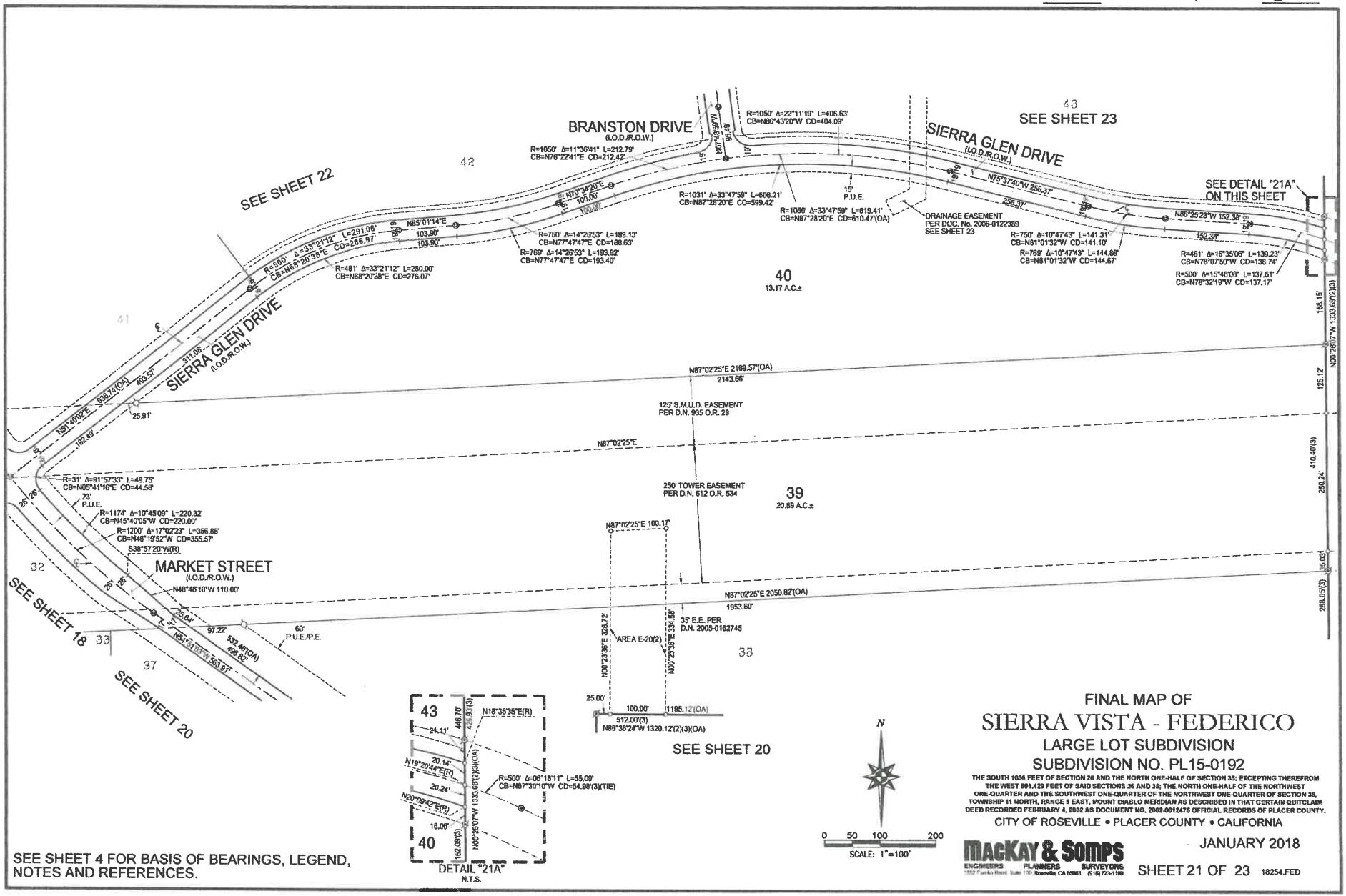
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JANUARY 2018

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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

BOOK EE OF MAPS, PAGE 6



SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF

SIERRA VISTA - FEDERICO

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

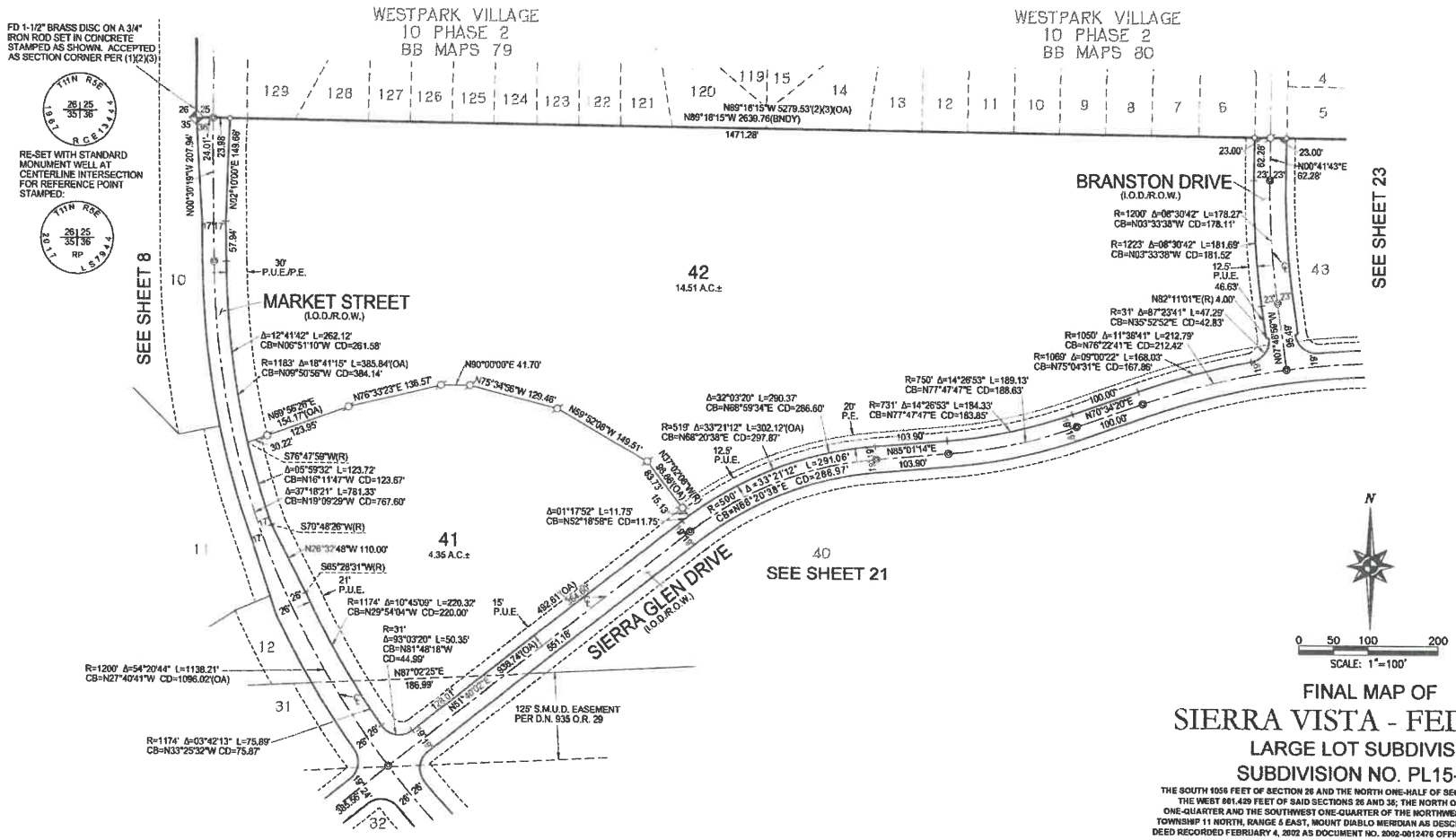
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JANUARY 2018

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SHEET 21 OF 23 18254.FED



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

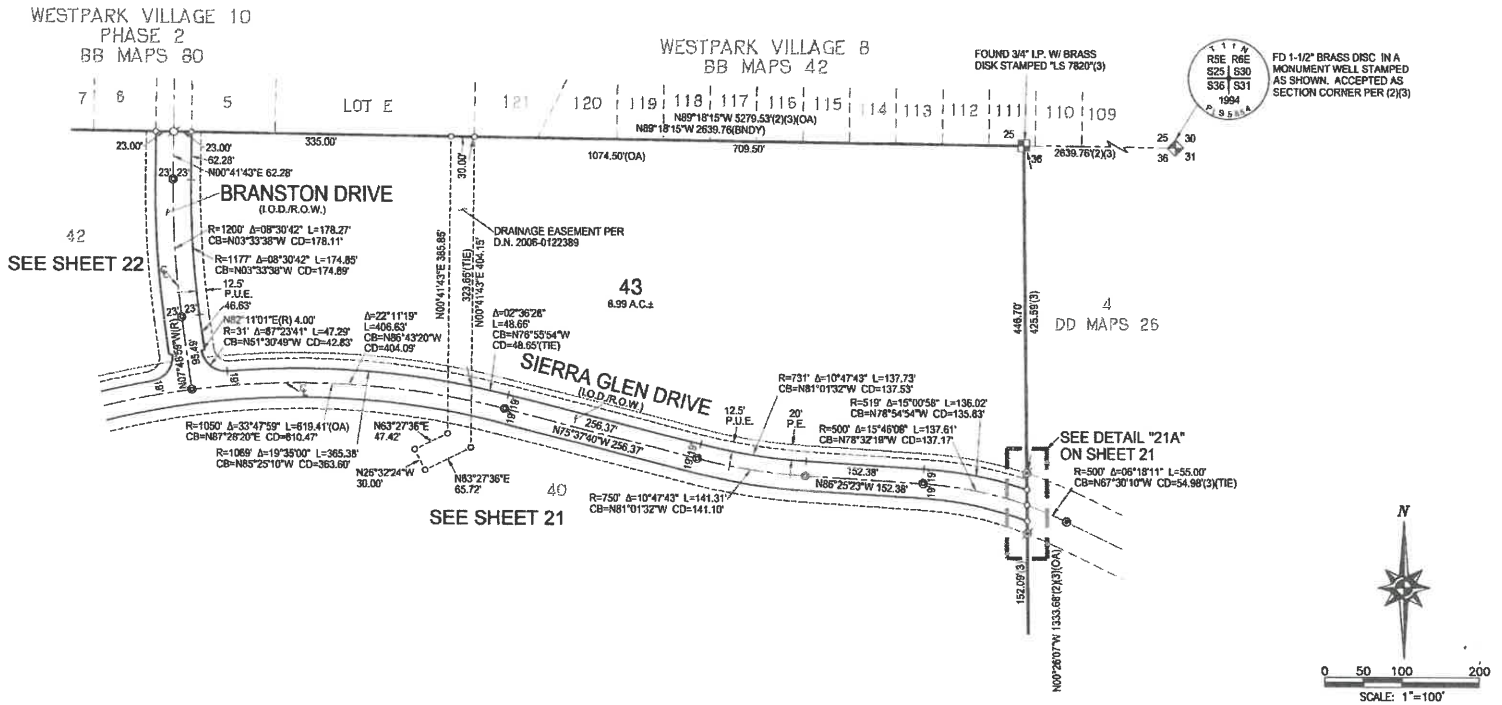
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SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

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JANUARY 2018



FINAL MAP OF
SIERRA VISTA - FEDERICO
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

THE SOUTH 1066 FEET OF SECTION 28 AND THE NORTH ONE-HALF OF SECTION 33; EXCEPTING THEREFROM THE WEST 801.429 FEET OF SAID SECTIONS 28 AND 33; THE NORTH ONE-HALF OF THE NORTHWEST ONE-QUARTER AND THE SOUTHWEST ONE-QUARTER OF THE NORTHWEST ONE-QUARTER OF SECTION 35, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN AS DESCRIBED IN THAT CERTAIN QUITCLAIM DEED RECORDED FEBRUARY 4, 2002 AS DOCUMENT NO. 2002-0012476 OFFICIAL RECORDS OF PLACER COUNTY.

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JANUARY 2018

SHEET 23 OF 23 18254.FED

SEE SHEET 4 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

JULY, 2018

MURRAY SMITH & ASSOCIATES

SHEET 1 OF 8

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(B) A PUBLIC EASEMENT FOR PEDESTRIAN / BICYCLE ACCESS AND THE INSTALLATION, REPAIR, REMOVAL OR REPLACEMENT OF LANDSCAPING TOGETHER WITH ANY AND ALL APPURTENANCES THERETO, ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PASEO EASEMENT" (P.E.)

(C) PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF SEWER PIPES WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THAT LAND SHOWN HEREON AND DESIGNATED "SEWER EASEMENT".

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS WESTBROOK BOULEVARD, VISTA GRANDE BOULEVARD, SIERRA VILLAGE DRIVE, AND VISTA PARK DRIVE AND THE AREAS SHOWN HEREON AS I.O.D. / R.O.W.

SIERRA VISTA COMMUNITIES, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY
BY: AKT INVESTMENTS, INC., A CALIFORNIA CORPORATION

BY: _____
NAME: Chrysanthy Demos
ITS: President and CEO

BY: LENNAR HOMES OF CALIFORNIA INC. A CALIFORNIA CORPORATION

BY: _____
NAME: Larry Galeo
ITS: VP

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF California)
) SS
COUNTY OF Sacramento)

ON October 30, 2018 BEFORE ME,
Tawny Por : A NOTARY PUBLIC, PERSONALLY
APPEARED Chrysanthy Demos WHO PROVED TO ME ON
THE BASIS OF

SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL:

SIGNATURE: _____
NOTARY PRINTED NAME: Tawny Por
MY PRINCIPAL PLACE OF BUSINESS IS Sacramento COUNTY.
MY NOTARY COMMISSION NO. 2111369
MY COMMISSION EXPIRES ON: June 10, 2019

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF California)
) SS
COUNTY OF Placer)

ON November 1, 2018 BEFORE ME,
Monique Reynolds : A NOTARY PUBLIC, PERSONALLY
APPEARED Larry Galeo WHO PROVED TO ME ON
THE BASIS OF

SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL:

SIGNATURE: Monique Reynolds
NOTARY PRINTED NAME: Monique Reynolds
MY PRINCIPAL PLACE OF BUSINESS IS Placer COUNTY.
MY NOTARY COMMISSION NO. 2171051
MY COMMISSION EXPIRES ON: Nov. 24, 2020

RECORDER'S STATEMENT

FILED THIS 20th DAY OF November, 2018 AT 11:47 a.M. IN BOOK EE OF MAPS, AT PAGE 33, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MSA ENGINEERING, INC.

RYAN RONCO
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

DOCUMENT NO.: 2018-0084495

BY: J Chatterley
DEPUTY

FEE $ 104.00

SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCE AT THE REQUEST OF AKT DEVELOPMENT CORPORATION ON AUGUST 2017. I HEREBY STATE THAT ALL THE MONUMENTS ARE OF THE CHARACTER AND OCCUPY THE POSITIONS INDICATED OR THAT THEY WILL BE SET IN THOSE POSITIONS BEFORE DECEMBER 31, 2020, AND THAT THE MONUMENTS ARE, OR WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, AND THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE CONDITIONALLY APPROVED TENTATIVE MAP.

_____
MICHAEL S. COSTA LS 6600
EXPIRATION DATE: 12-31-19

Sept. 7, 2018
DATED

LICENSED LAND SURVEYOR
MICHAEL S. COSTA
No. 6600
Exp. 12-31-19
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF, THAT ALL PROVISION OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

_____ 11/14/18
MARC STOUT R.C.E. 69879 DATE
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES SEPTEMBER 30, 2019 20

I HEREBY STATE THAT I AM SATISFIED THAT THIS FINAL MAP OF "SIERRA VISTA - KT PROPERTIES LARGE LOT MAP" IS TECHNICALLY CORRECT.

FOR MARC STOUT CITY ENGINEER, CITY OF ROSEVILLE

_____ 11/15/18
TIMOTHY G. BLAIR, PLS 8278 DATE
EXPIRES DECEMBER 31, 2019

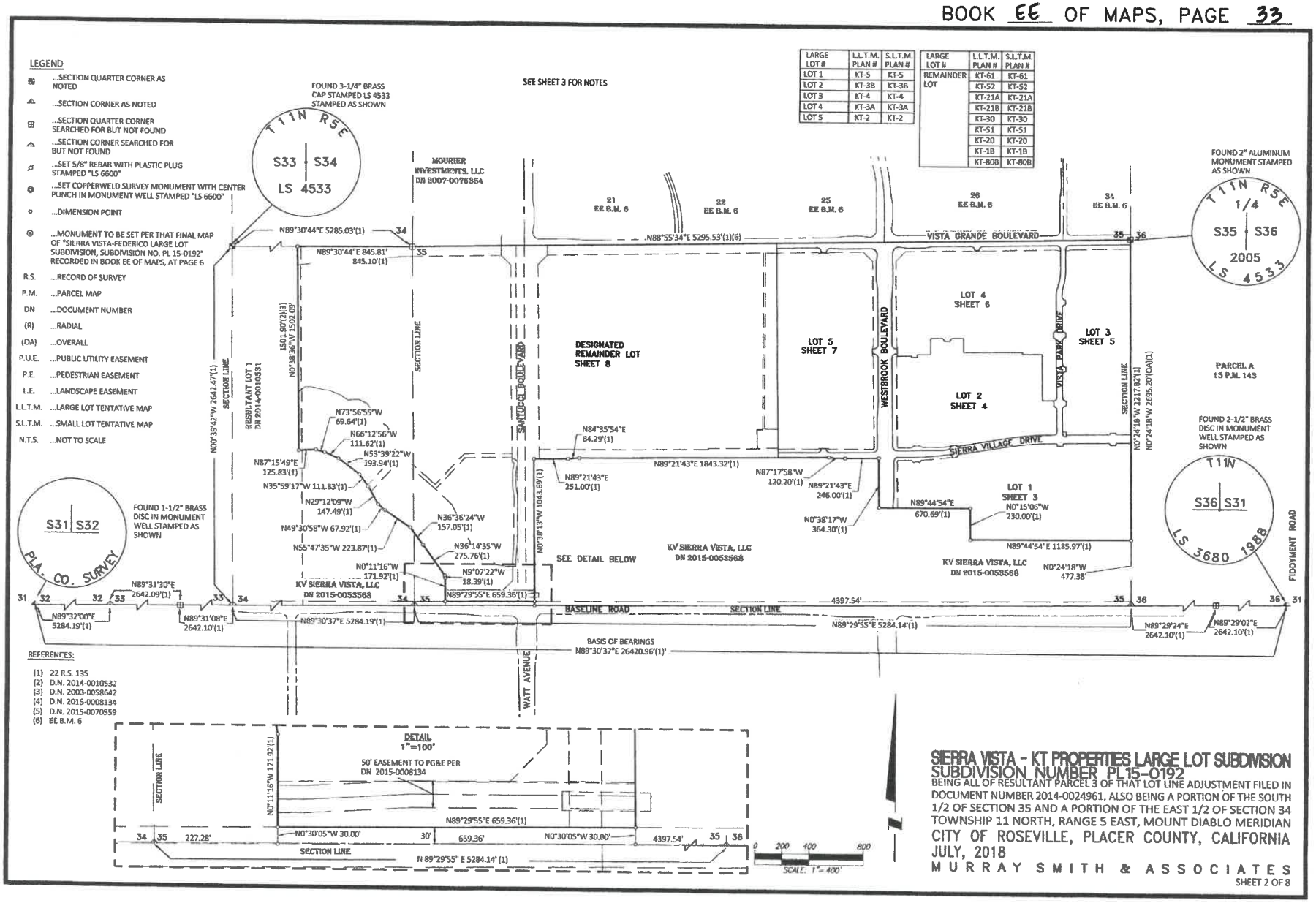
LICENSED LAND SURVEYOR
TIMOTHY G. BLAIR
No. 8278
Exp. 12-31-19
STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION" AND HAS ACCEPTED ON BEHALF OF THE PUBLIC SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION. THE CITY COUNCIL REJECTS AT THIS TIME BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE EASEMENTS AND RIGHTS OF WAY LISTED HEREON WITH NOTE 5 ON SHEET 3.

_____ 11/15/18
CITY CLERK, CITY OF ROSEVILLE DATE

BY: _____
ASSISTANT CITY CLERK



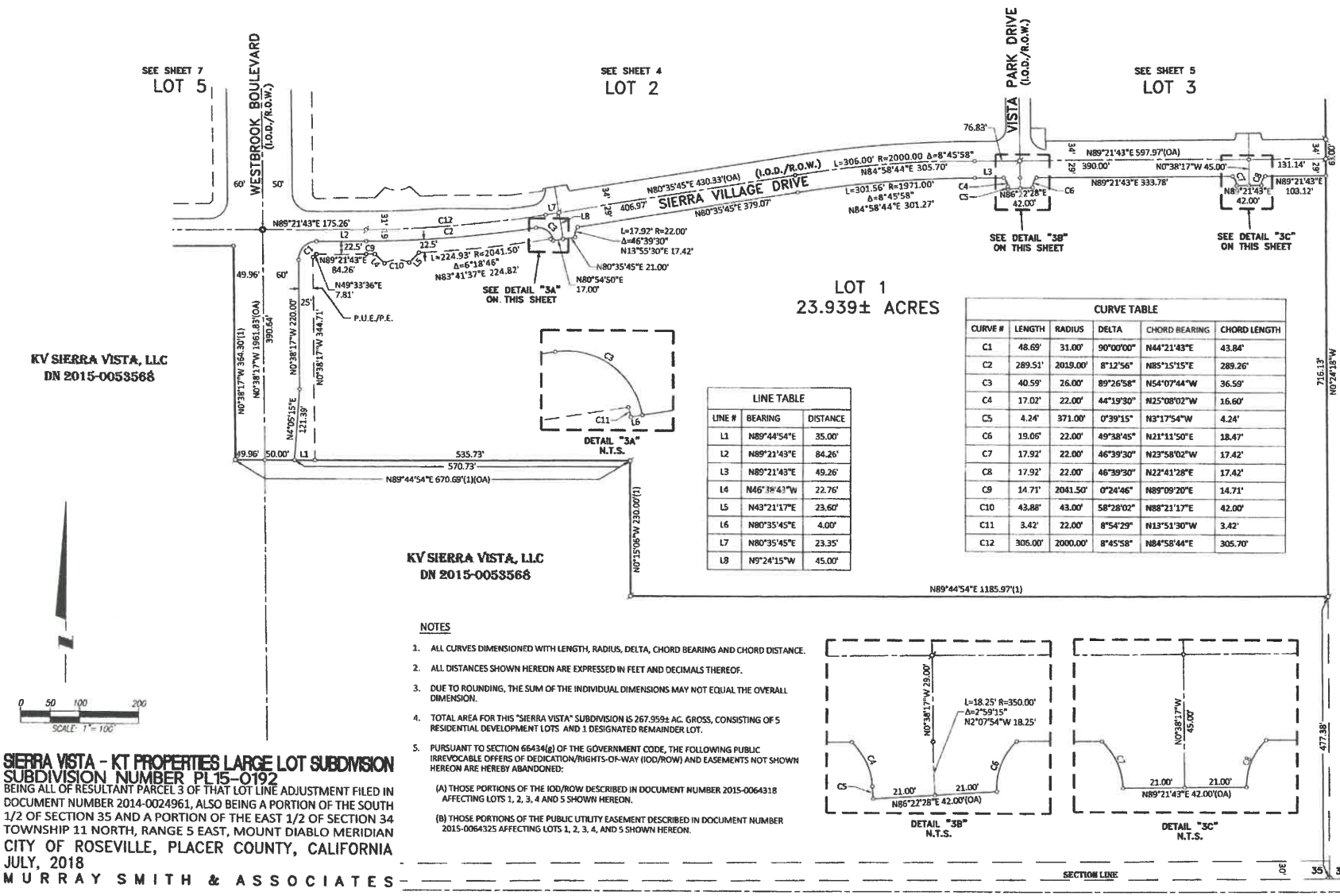
SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

JULY, 2018

MURRAY SMITH & ASSOCIATES



LINE TABLE		
LINE #	BEARING	DISTANCE
L1	N89°44'54"E	35.00'
L2	N89°21'43"E	84.26'
L3	N89°21'43"E	49.26'
L4	N46°38'43"W	22.76'
L5	N43°21'17"E	23.60'
L6	N80°35'45"E	4.00'
L7	N80°35'45"E	23.35'
L8	N9°24'15"W	45.00'

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C1	48.69'	31.00'	90°00'00"	N44°21'43"E	43.84'
C2	289.51'	2019.00'	8°12'56"	N85°15'15"E	289.26'
C3	40.59'	26.00'	89°26'58"	N54°07'44"W	36.59'
C4	17.02'	22.00'	44°19'30"	N25°08'02"W	16.60'
C5	4.24'	371.00'	0°39'15"	N3°17'54"W	4.24'
C6	19.06'	22.00'	49°38'45"	N21°11'50"E	18.47'
C7	17.92'	22.00'	46°39'30"	N23°58'02"W	17.42'
C8	17.92'	22.00'	46°39'30"	N22°41'28"E	17.42'
C9	14.71'	2041.50'	0°24'46"	N89°09'20"E	14.71'
C10	43.88'	43.00'	58°28'02"	N88°21'17"E	42.00'
C11	3.42'	22.00'	8°54'29"	N13°51'30"W	3.42'
C12	306.00'	2000.00'	8°45'58"	N84°58'44"E	305.70'

NOTES

1. ALL CURVES DIMENSIONED WITH LENGTH, RADIUS, DELTA, CHORD BEARING AND CHORD DISTANCE.
2. ALL DISTANCES SHOWN HEREON ARE EXPRESSED IN FEET AND DECIMALS THEREOF.
3. DUE TO ROUNDING, THE SUM OF THE INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
4. TOTAL AREA FOR THIS "SIERRA VISTA" SUBDIVISION IS 267.959± AC. GROSS, CONSISTING OF 5 RESIDENTIAL DEVELOPMENT LOTS AND 1 DESIGNATED REMAINDER LOT.
5. PURSUANT TO SECTION 66434(g) OF THE GOVERNMENT CODE, THE FOLLOWING PUBLIC IRREVOCABLE OFFERS OF DEDICATION/RIGHTS-OF-WAY (IOD/ROW) AND EASEMENTS NOT SHOWN HEREON ARE HEREBY ABANDONED:

   (A) THOSE PORTIONS OF THE IOD/ROW DESCRIBED IN DOCUMENT NUMBER 2015-0064318 AFFECTING LOTS 1, 2, 3, 4 AND 5 SHOWN HEREON.

   (B) THOSE PORTIONS OF THE PUBLIC UTILITY EASEMENT DESCRIBED IN DOCUMENT NUMBER 2015-0064325 AFFECTING LOTS 1, 2, 3, 4, AND 5 SHOWN HEREON.

SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

JULY, 2018

MURRAY SMITH & ASSOCIATES

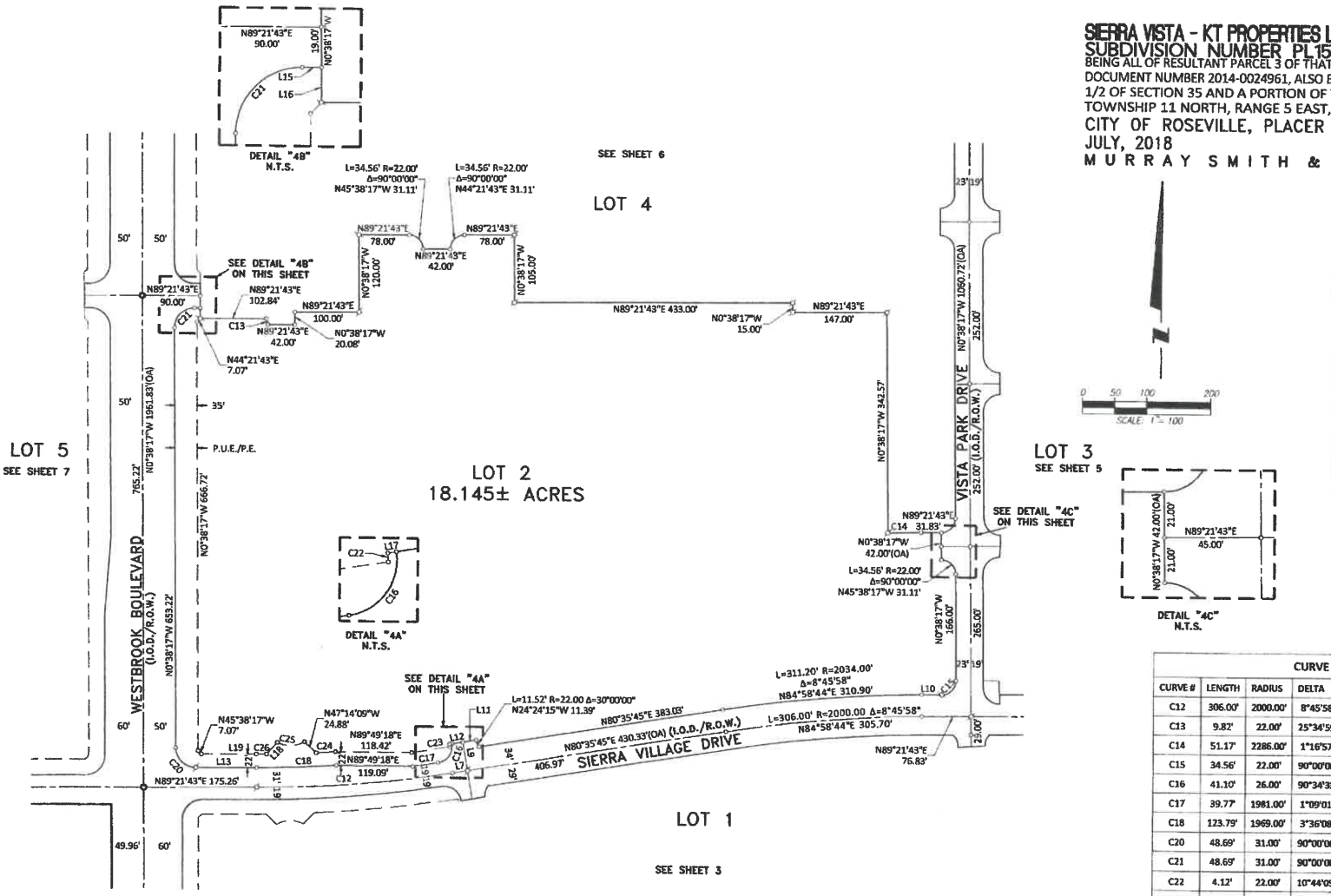
SECTION LINE

35 | 36

BASELINE ROAD

SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192

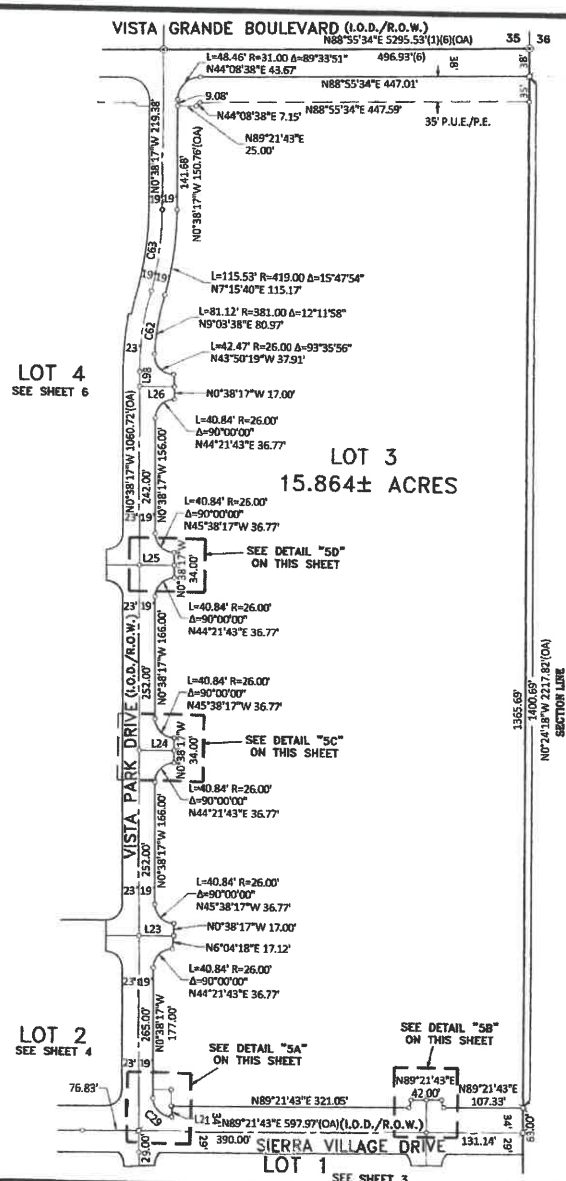
BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
JULY, 2018
MURRAY SMITH & ASSOCIATES



LINE TABLE		
LINE #	BEARING	DISTANCE
L7	N80°35'45"E	23.35'
L9	N9°24'15"W	45.10'
L10	N89°21'43"E	31.83'
L11	N80°51'55"E	21.00'
L12	N80°35'45"E	17.00'
L13	N89°21'43"E	94.26'
L14	N0°38'17"W	4.00'
L15	N89°21'43"E	9.00'
L16	N0°38'17"W	16.50'
L17	N80°35'45"E	4.00'
L18	N42°45'51"E	24.88'
L19	N89°21'43"E	85.26'

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C12	306.00'	2000.00'	8°45'58"	N84°58'44"E	305.70'
C13	9.82'	22.00'	25°34'59"	N13°25'46"W	9.74'
C14	51.17'	2286.00'	1°16'57"	N88°43'14"E	51.17'
C15	34.56'	22.00'	90°00'00"	N44°21'43"E	31.11'
C16	41.10'	26.00'	90°34'33"	N35°53'01"E	36.95'
C17	39.77'	1981.00'	1°09'01"	N81°44'49"E	39.77'
C18	123.79'	1969.00'	3°36'08"	N87°33'39"E	123.77'
C20	48.69'	31.00'	90°00'00"	N45°38'17"W	43.84'
C21	48.69'	31.00'	90°00'00"	N44°21'43"E	43.84'
C22	4.12'	22.00'	10°44'05"	N4°02'13"W	4.12'
C23	59.55'	1959.00'	1°44'30"	N81°24'33"E	59.55'
C24	30.29'	1947.00'	0°53'29"	N86°10'57"E	30.29'
C25	43.88'	43.00'	58°28'02"	N87°45'51"E	42.00'
C26	15.70'	1947.00'	0°27'43"	N89°07'51"E	15.70'

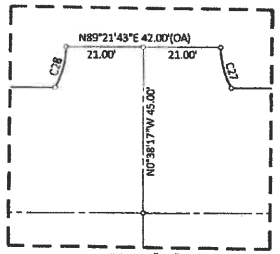
BOOK EE OF MAPS, PAGE 33



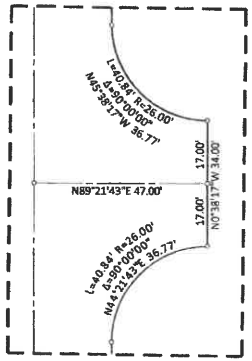
LINE TABLE		
LINE #	BEARING	DISTANCE
L21	N0°38'17"W	15.00'
L22	N0°38'17"W	11.00'
L23	N89°21'43"E	47.00'
L24	N89°21'43"E	47.00'
L25	N89°21'43"E	47.00'
L26	N89°21'43"E	47.00'
L98	N0°38'17"W	20.72'

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C27	11.52'	22.00'	30°00'00"	N15°38'17"W	11.39'
C28	11.52'	22.00'	30°00'00"	N14°21'43"E	11.39'
C29	40.84'	26.00'	90°00'00"	N45°38'17"W	36.77'
C62	110.29'	400.00'	15°47'54"	N7°15'40"E	109.94'
C63	110.29'	400.00'	15°47'54"	N7°15'40"E	109.94'

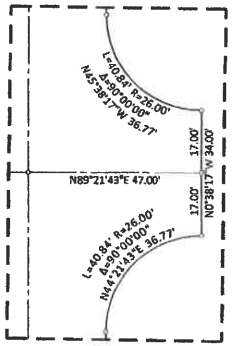
PARCEL A
15 P.M. 143



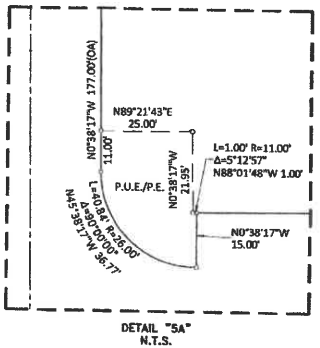
DETAIL "5B"
N.T.S.



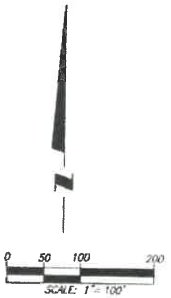
DETAIL "5C"
N.T.S.



DETAIL "5D"
N.T.S.

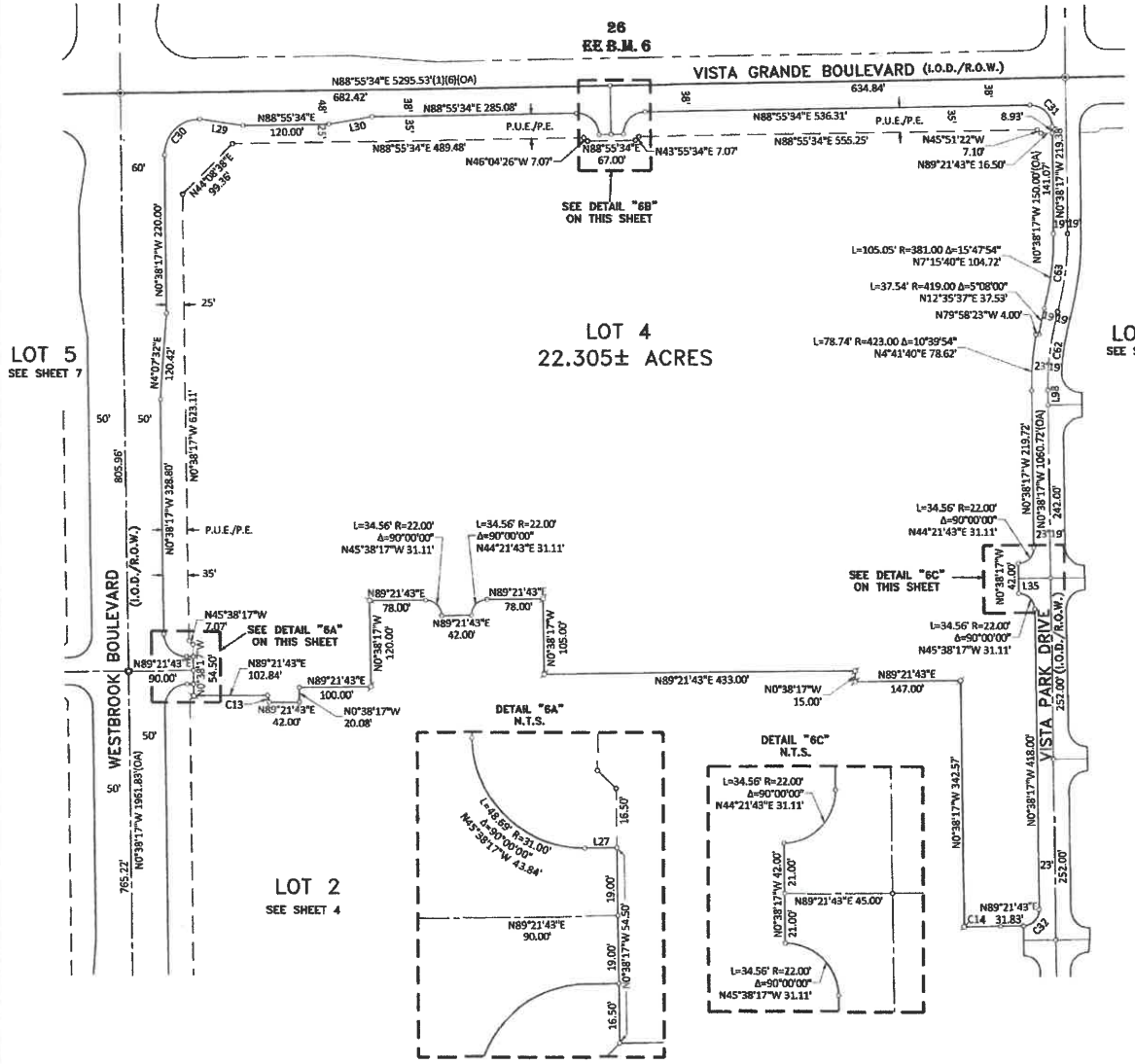


DETAIL "5A"
N.T.S.



SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
JULY, 2018
MURRAY SMITH & ASSOCIATES



DETAIL "6B"
N.T.S.

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C13	9.82'	22.00'	25°34'59"	N13°25'46"W	9.74'
C14	51.17'	2286.00'	1°16'57"	N88°43'14"E	51.17'
C30	78.16'	50.00'	89°33'51"	N44°08'39"E	70.44'
C31	48.93'	31.00'	90°26'09"	N45°51'22"W	44.01'
C32	34.56'	22.00'	90°00'00"	N44°21'43"E	31.11'
C62	110.29'	400.00'	15°47'54"	N7°15'40"E	109.94'
C63	110.29'	400.00'	15°47'54"	N7°15'40"E	109.94'

LINE TABLE		
LINE #	BEARING	DISTANCE
L27	N89°21'43"E	9.00'
L28	N0°38'17"W	4.00'
L29	N81°36'42"W	60.83'
L30	N79°27'50"E	60.83'
L31	N88°55'34"E	4.00'
L32	N1°04'26"W	9.00'
L33	N1°04'26"W	9.00'
L34	N88°55'34"E	4.00'
L35	N89°21'43"E	45.00'
L98	N0°38'17"W	20.72'

SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN

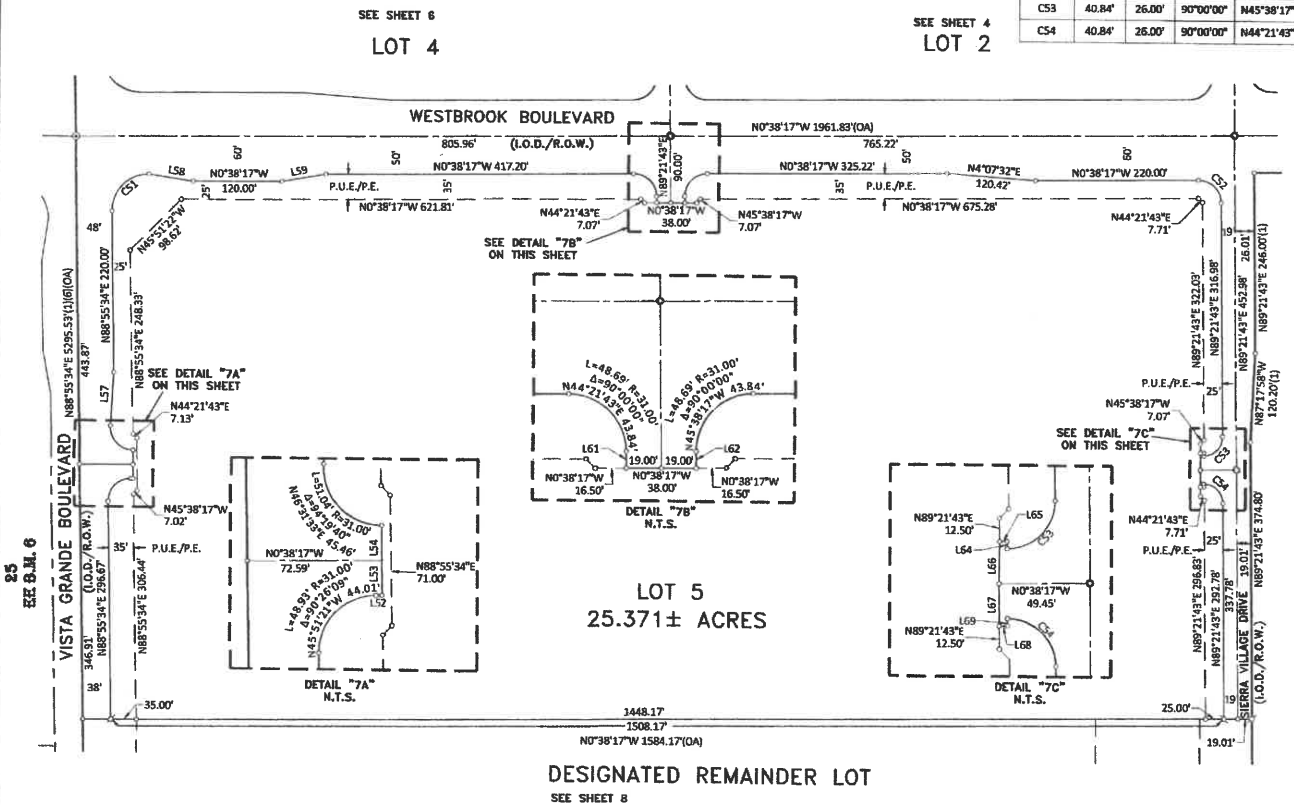
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA

JULY, 2018

MURRAY SMITH & ASSOCIATES

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C51	78.92'	50.00'	90°26'09"	N45°51'21"W	70.98'
C52	48.69'	31.00'	90°00'00"	N44°21'43"E	43.84'
C53	40.84'	26.00'	90°00'00"	N45°38'17"W	36.77'
C54	40.84'	26.00'	90°00'00"	N44°21'43"E	36.77'

LINE TABLE		
LINE #	BEARING	DISTANCE
L52	N0°38'17"W	3.21'
L53	N89°21'43"E	19.00'
L54	N89°21'43"E	19.00'
L57	N86°18'37"W	71.35'
L58	N8°49'27"E	60.83'
L59	N10°06'01"W	60.83'
L61	N89°21'43"E	9.00'
L62	N89°21'43"E	9.00'
L64	N89°21'43"E	4.00'
L65	N0°38'17"W	4.00'
L66	N89°31'15"W	23.00'
L67	N89°21'43"E	23.00'
L68	N0°38'17"W	4.45'
L69	N89°21'43"E	4.00'

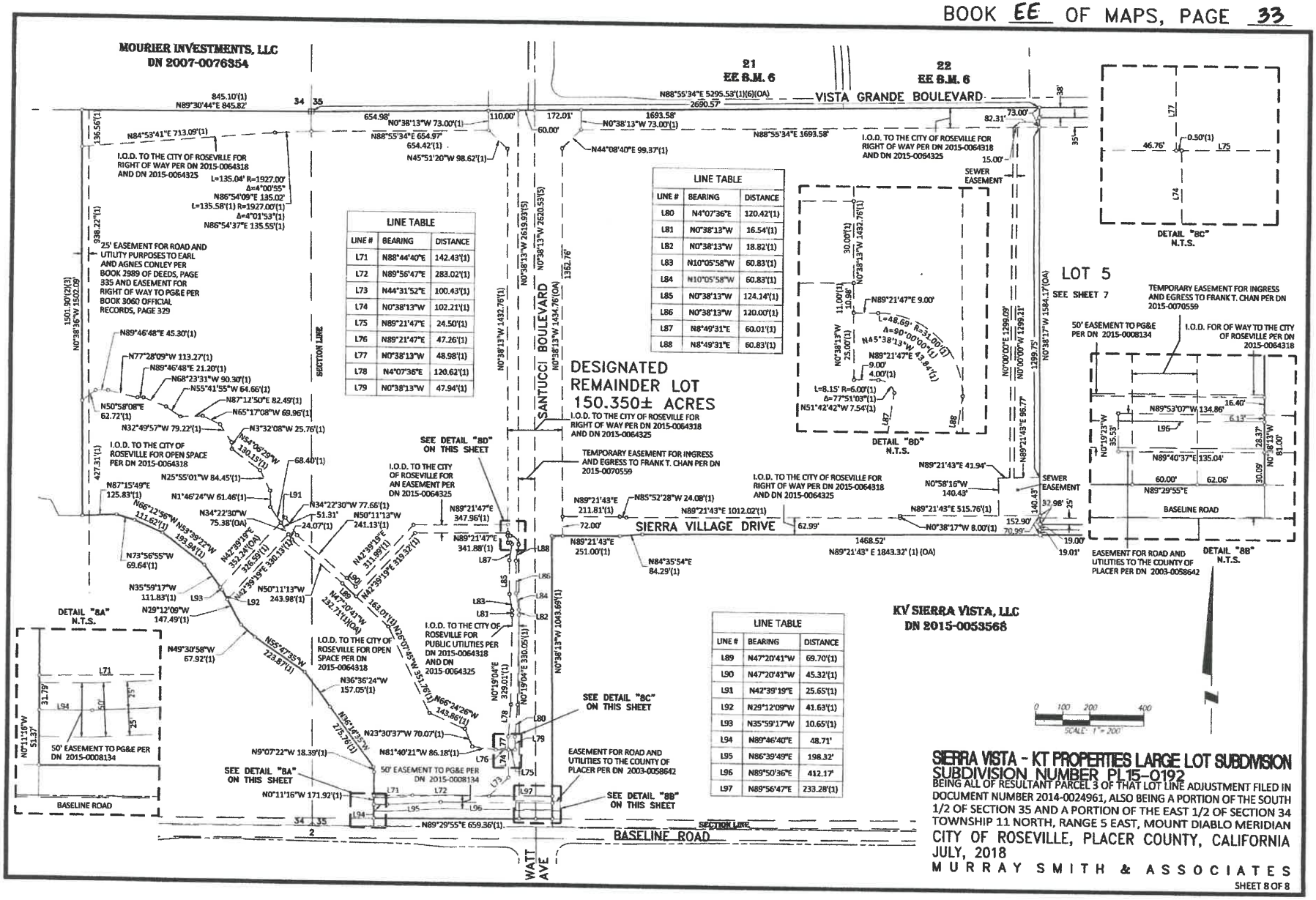


KV SIERRA VISTA, LLC
DN 2015-0053568

0 50 100 200
SCALE: 1" = 100'

SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192

BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
JULY, 2018
MURRAY SMITH & ASSOCIATES


MOURIER INVESTMENTS, LLC
DN 2007-0076354
21
EE B.M. 6
22
EE B.M. 6
VISTA GRANDE BOULEVARD
SANTUCCI BOULEVARD
DESIGNATED
REMAINDER LOT
150.350± ACRES
LOT 5
SEE SHEET 7
SIERRA VILLAGE DRIVE
BASELINE ROAD
WATT AVE
KV SIERRA VISTA, LLC
DN 2015-0053568
SEE DETAIL "8A" ON THIS SHEET
SEE DETAIL "8B" ON THIS SHEET
SEE DETAIL "8C" ON THIS SHEET
SEE DETAIL "8D" ON THIS SHEET
DETAIL "8A" N.T.S.
DETAIL "8B" N.T.S.
DETAIL "8C" N.T.S.
DETAIL "8D" N.T.S.
I.O.D. TO THE CITY OF ROSEVILLE FOR RIGHT OF WAY PER DN 2015-0064318 AND DN 2015-0064325
I.O.D. TO THE CITY OF ROSEVILLE FOR OPEN SPACE PER DN 2015-0064318
I.O.D. TO THE CITY OF ROSEVILLE FOR PUBLIC UTILITIES PER DN 2015-0064318 AND DN 2015-0064325
I.O.D. TO THE CITY OF ROSEVILLE FOR AN EASEMENT PER DN 2015-0064325
25' EASEMENT FOR ROAD AND UTILITY PURPOSES TO EARL AND AGNES CONLEY PER BOOK 2989 OF DEEDS, PAGE 335 AND EASEMENT FOR RIGHT OF WAY TO PG&E PER BOOK 3060 OFFICIAL RECORDS, PAGE 329
50' EASEMENT TO PG&E PER DN 2015-0008134
TEMPORARY EASEMENT FOR INGRESS AND EGRESS TO FRANK T. CHAN PER DN 2015-0070559
EASEMENT FOR ROAD AND UTILITIES TO THE COUNTY OF PLACER PER DN 2003-0058642
SEWER EASEMENT
SECTION LINE
LINE TABLE
LINE # | BEARING | DISTANCE
L71 | N88°44'40"E | 142.43'(1)
L72 | N89°56'47"E | 283.02'(1)
L73 | N44°31'52"E | 100.43'(1)
L74 | N0°38'13"W | 102.21'(1)
L75 | N89°21'47"E | 24.50'(1)
L76 | N89°21'47"E | 47.26'(1)
L77 | N0°38'13"W | 48.98'(1)
L78 | N4°07'36"E | 120.62'(1)
L79 | N0°38'13"W | 47.94'(1)
LINE TABLE
LINE # | BEARING | DISTANCE
L80 | N4°07'36"E | 120.42'(1)
L81 | N0°38'13"W | 16.54'(1)
L82 | N0°38'13"W | 18.82'(1)
L83 | N10°05'58"W | 60.83'(1)
L84 | N10°05'58"W | 60.83'(1)
L85 | N0°38'13"W | 124.14'(1)
L86 | N0°38'13"W | 120.00'(1)
L87 | N8°49'31"E | 60.01'(1)
L88 | N8°49'31"E | 60.83'(1)
LINE TABLE
LINE # | BEARING | DISTANCE
L89 | N47°20'41"W | 69.70'(1)
L90 | N47°20'41"W | 45.32'(1)
L91 | N42°39'19"E | 25.65'(1)
L92 | N29°12'09"W | 41.63'(1)
L93 | N35°59'17"W | 10.65'(1)
L94 | N89°46'40"E | 48.71'
L95 | N86°39'49"E | 198.32'
L96 | N89°50'36"E | 412.17'
L97 | N89°56'47"E | 233.28'(1)
SCALE: 1" = 200
SIERRA VISTA - KT PROPERTIES LARGE LOT SUBDIVISION
SUBDIVISION NUMBER PL15-0192
BEING ALL OF RESULTANT PARCEL 3 OF THAT LOT LINE ADJUSTMENT FILED IN DOCUMENT NUMBER 2014-0024961, ALSO BEING A PORTION OF THE SOUTH 1/2 OF SECTION 35 AND A PORTION OF THE EAST 1/2 OF SECTION 34 TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN
CITY OF ROSEVILLE, PLACER COUNTY, CALIFORNIA
JULY, 2018
MURRAY SMITH & ASSOCIATES
SHEET 8 OF 8

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - CGB LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(B) A PUBLIC EASEMENT FOR PEDESTRIAN ACCESS ON, UNDER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PEDESTRIAN EASEMENT" (P.E.)

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS VISTA GRANDE BOULEVARD, SIERRA VILLAGE DRIVE, PAVILION DRIVE, BASELINE ROAD AND MARKET STREET, SAID STREETS ARE ALSO THE AREAS SHOWN HEREON AS I.O.D. / R.O.W. (IRREVOCABLE OFFER OF DEDICATION AS RIGHT OF WAY.)

(B) LOTS 6, 7, 8, AND 9 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR OPEN SPACE PURPOSES.

(C) LOT 3 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR A PARK PURPOSES.

BY: John J. Guerra Jr. TRUSTEE DATE: 3/13/2019

JOHN J. GUERRA, JR.
SUCCESSOR TRUSTEE OF THE CYRIL G. BARBACCIA IRREVOCABLE TRUST
DATED DECEMBER 15, 1976.

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA

COUNTY OF Santa Clara

ON March 13, 2019 BEFORE ME, Madeline E. Raynor, Notary Public

PERSONALLY APPEARED John J. Guerra Jr. , Trustee

WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

Madeline E. Raynor — Madeline E. Raynor
SIGNATURE — PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS 1486 Foxworthy Ave. San Jose, CA 95118 Santa Clara COUNTY

MY COMMISSION EXPIRES: December 16, 2022 MY COMMISSION NUMBER: 2271419

MADELINE E. RAYNOR
Notary Public - California
Santa Clara County
Commission # 2271419
My Comm. Expires Dec 16, 2022

SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - CGB LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST JOHN J. GUERRA, JR., SUCCESSOR TRUSTEE OF THE CYRIL G. BARBACCIA IRREVOCABLE TRUST IN JULY 2018. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY DECEMBER 31, 2019 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Robert M. Plank

ROBERT M. PLANK
P.L.S 5760 EXP. 06-30-2020

DATE: 03/07/19

LICENSED LAND SURVEYOR
ROBERT M. PLANK
06-30-20
No. 5760
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - CGB LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATE: 4/11/19

MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

I HEREBY STATE THAT I AM SATISFIED THIS FINAL MAP OF "SIERRA VISTA - CGB LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATE: 4/16/19

TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2019

LICENSED LAND SURVEYOR
TIMOTHY G. BLAIR
Exp. 12-31-19
No. 8278
STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - CGB LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER. THE CITY COUNCIL REJECTS AT THIS TIME, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ON BEHALF OF THE PUBLIC ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS AND DOES ALSO HEREBY APPROVE THE ABANDONMENT OF THE IRREVOCABLE OFFERS OF DEDICATION AND EASEMENT LISTED HEREON WITHIN NOTE 3 ON SHEET 2.

Ilonia Orozco
CITY CLERK, CITY OF ROSEVILLE

DATE: 4/18/19 BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 4 DAY OF June, 2019, AT 2:19 PM. IN BOOK EE OF MAPS, AT PAGE 56, IN THE OFFICE OF THE PLACER COUNTY RECORDER. AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

DOCUMENT NO.: 2019-0037581

BY: _____
DEPUTY

FEE: $ 92.00

FINAL MAP OF
SIERRA VISTA - CGB
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

A PORTION OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M., INCLUDED WITHIN THE LAND SHOWN AND DESIGNATED AS PARCEL A ON PARCEL MAP NO. P 73382, FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, CALIFORNIA ON JANUARY 8, 1980 IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS.

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APRIL 2019

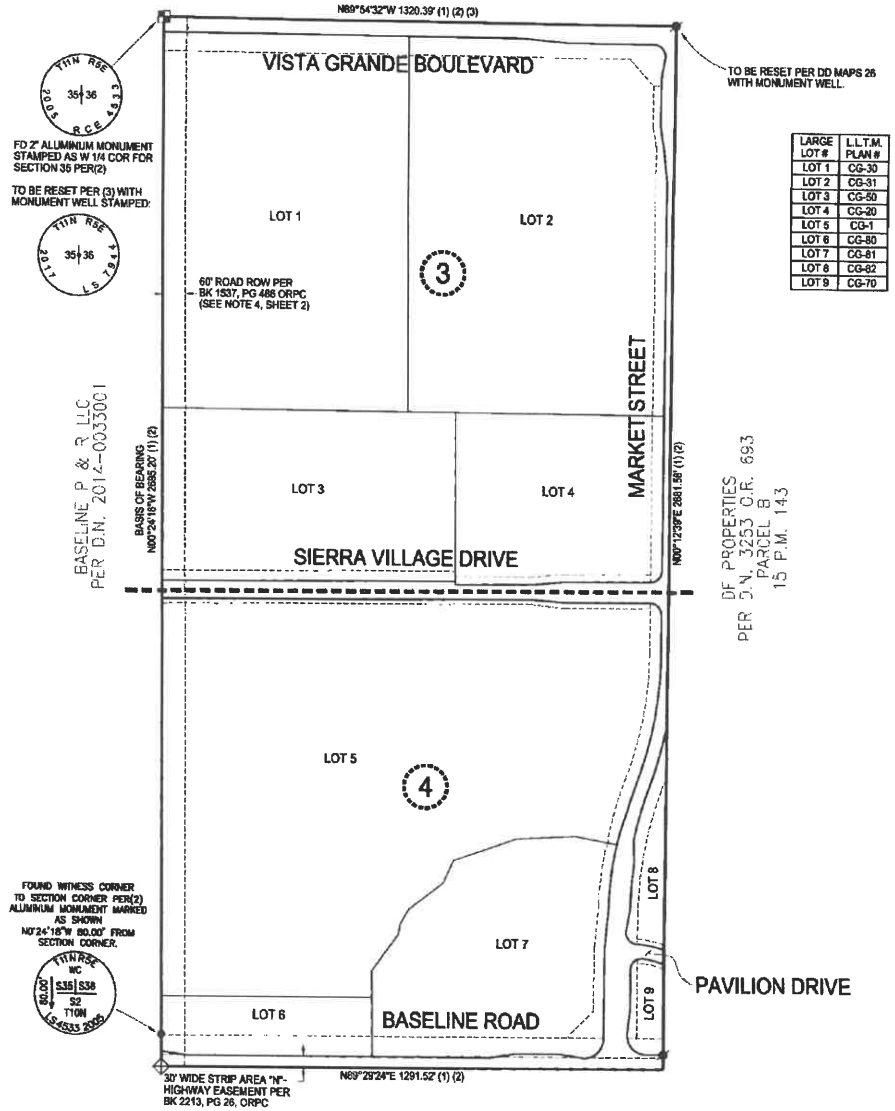
MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1150

SHEET 1 OF 4 18254-CGB

BOOK EE OF MAPS, PAGE 50

SIERRA VISTA – FFDERICO
LARGE LOT MAP
FE MAPS 6

THE VILLAGES AT
SIERRA VISTA
DD MAPS 26



LARGE LOT #	L.L.T.M. PLAN #
LOT 1	CG-30
LOT 2	CG-31
LOT 3	CG-50
LOT 4	CG-20
LOT 5	CG-1
LOT 6	CG-80
LOT 7	CG-81
LOT 8	CG-82
LOT 9	CG-70

LEGEND

- SECTION CORNER, NO MONUMENT FOUND OR SET
- FOUND QUARTER SECTION CORNER AS NOTED
- FOUND 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 4533"
- FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"
- FOUND MONUMENT AS NOTED
- SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 5760"
- SET 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 5760"
- DIMENSION POINT (NOTHING FOUND OR SET)

AC.	ACRES
CB	CHORD BEARING
CD	CHORD DISTANCE
D.N.	DOCUMENT NUMBER
I.O.D.	IRREVOCABLE OFFER OF DEDICATION
(OA)	OVERALL
O.R.	OFFICIAL RECORDS OF PLACER COUNTY
P.E.	PASEO EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
R.O.W.	RIGHT OF WAY
S.F.	SQUARE FEET
L.L.T.M.	LARGE LOT TENTATIVE MAP
ESMT.	EASEMENT
( )	DENOTES RECORD INFORMATION
(1)	SHEET INDEX

NOTES:

1. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. CHORD LENGTHS MAY CONTAIN SOME ROUNDING ERROR. ALL DISTANCES SHOWN ARE FEET AND DECIMALS THEREOF.

2. TOTAL AREA FOR THIS SUBDIVISION IS 80.6± ACRES, CONSISTING OF 5 LARGE LOTS FOR FUTURE DEVELOPMENT AND 4 OPEN SPACE LOTS.

3. PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON, ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND DRAINAGE EASEMENT THAT AFFECT THIS MAP ARE HEREBY ABANDONED:
   A. AREA R-3, R-6, AND R-10 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064323, OFFICIAL RECORDS PLACER COUNTY.
   B. AREA O-3 AND O-4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064323, OFFICIAL RECORDS PLACER COUNTY.
   C. AREA E-10 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064333, OFFICIAL RECORDS PLACER COUNTY.
   D. AREA R-3 AND R-10 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064333, OFFICIAL RECORDS PLACER COUNTY.
   E. AREA R-6 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064334, OFFICIAL RECORDS PLACER COUNTY.

4. ALL AGREEMENTS AND EASEMENTS RELATED TO THIS 60' ROAD ROW WERE TERMINATED AND OF NO FURTHER FORCE AND EFFECT BY QUITCLAIM DEEDS RECORDED AUGUST 13, 2015 IN DOCUMENT NO. 2015-0070556 AND DOCUMENT NO. 2015-0070558, OFFICIAL RECORDS PLACER COUNTY

5. THE DOCUMENT ENTITLED " RECIPROCAL EASEMENT AGREEMENT" RECORDED JUNE 08, 2017 AS INSTRUMENT NO. 2017-0041424 OF OFFICIAL RECORDS AFFECTS THE LOTS SHOWN HEREON.

BASIS OF BEARINGS:

THE BEARING N 00°24'16" E, BEING THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 35, TOWNSHIP 11 NORTH, RANGE 5 EAST AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

REFERENCES:

(1) 18 R.S. 118
(2) 22 R.S. 135
(3) EE MAPS 6

N

0 100 200 400

SCALE: 1"=200'

FINAL MAP OF
SIERRA VISTA - CGB
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

A PORTION OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M., INCLUDED WITHIN THE LAND SHOWN AND DESIGNATED AS PARCEL A ON PARCEL MAP NO. P 73382, FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, CALIFORNIA ON JANUARY 8, 1982 IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS.

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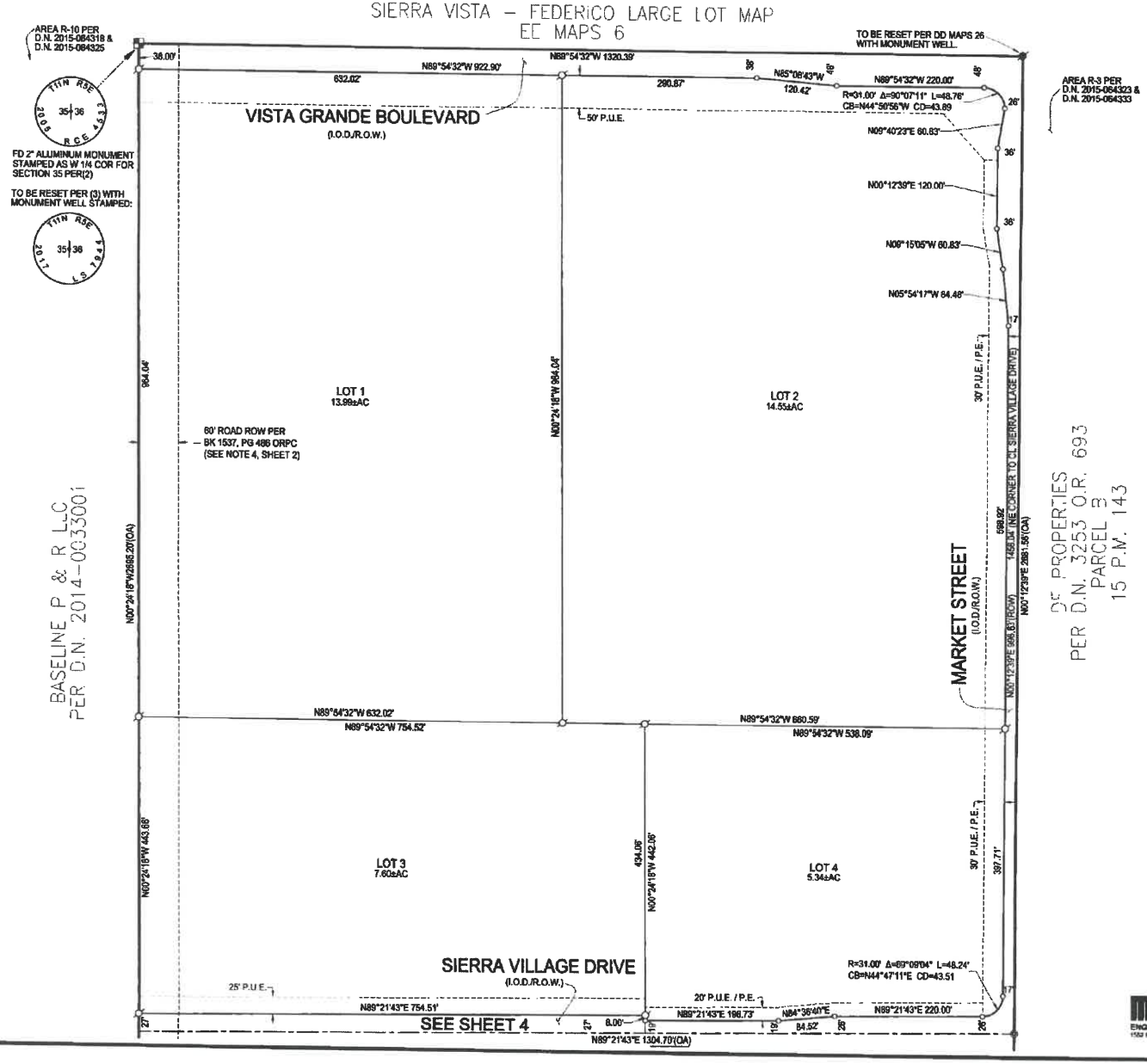
MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1800

APRIL 2019

SHEET 2 OF 4 16254-CGB

BOOK EE OF MAPS, PAGE 56

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.



N

0 50 100 200

SCALE: 1"=100'

FINAL MAP OF
SIERRA VISTA - CGB
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

A PORTION OF SECTION 35, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.M., INCLUDED WITHIN THE LAND SHOWN AND DESIGNATED AS PARCEL A ON PARCEL MAP NO. P 73362, FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, CALIFORNIA ON JANUARY 8, 1980 IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS.

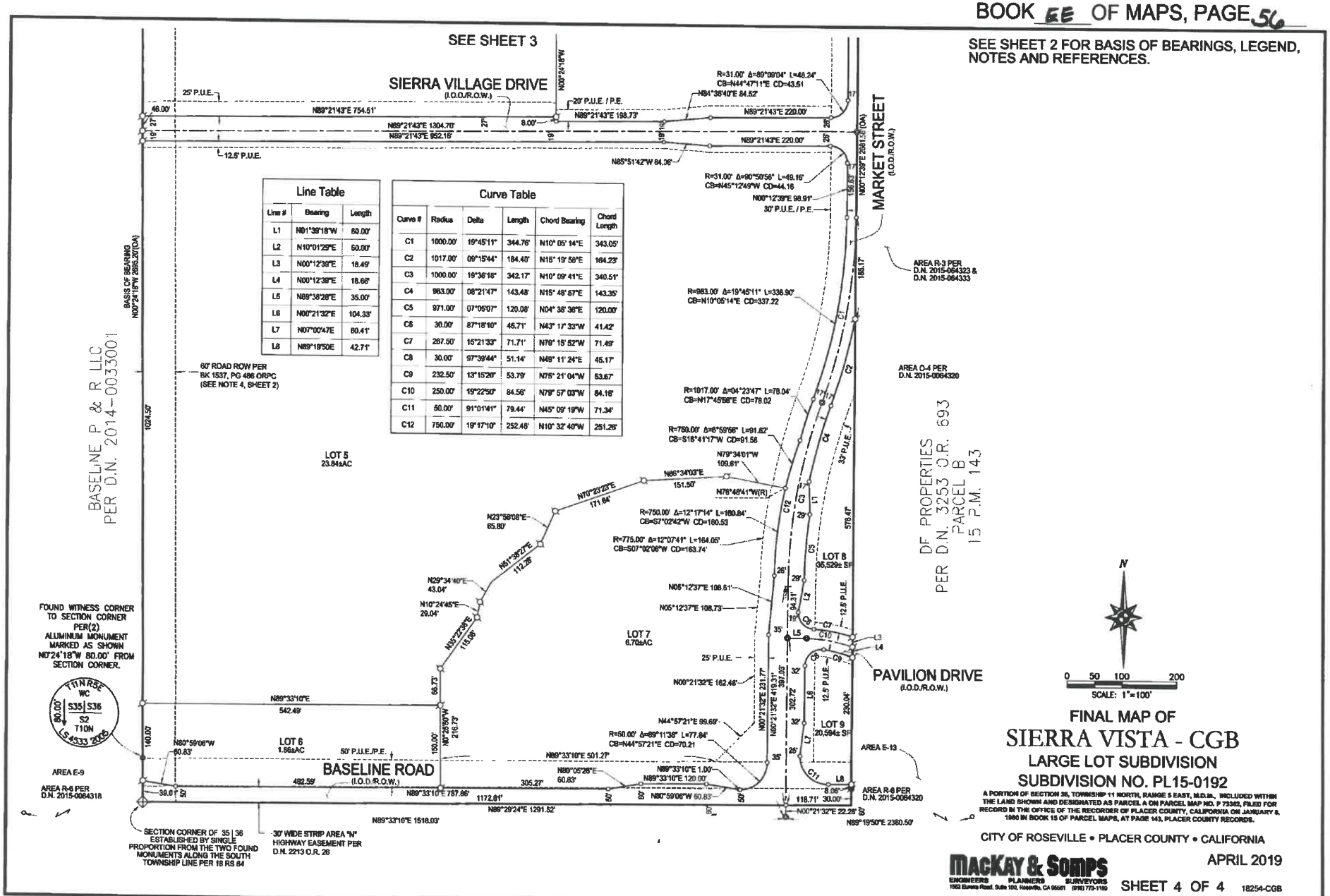
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APRIL 2019

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Florin Road, Suite 100, Roseville, CA 95661 (916) 773-1189

SHEET 3 OF 4 18254-CGB

BOOK EE OF MAPS, PAGE 56



Line Table		
Line #	Bearing	Length
L1	N01°39'18"W	60.00'
L2	N10°01'29"E	60.00'
L3	N00°12'39"E	18.49'
L4	N00°12'39"E	18.66'
L5	N89°36'26"E	35.00'
L6	N00°21'32"E	104.33'
L7	N07°00'47E	60.41'
L8	N89°19'50E	42.71'

Curve Table					
Curve #	Radius	Delta	Length	Chord Bearing	Chord Length
C1	1000.00'	19°45'11"	344.76'	N10° 05' 14"E	343.05'
C2	1017.00'	09°15'44"	164.40'	N15° 19' 56"E	164.23'
C3	1000.00'	19°36'18"	342.17'	N10° 09' 41"E	340.51'
C4	983.00'	08°21'47"	143.48'	N15° 48' 57"E	143.35'
C5	971.00'	07°05'07"	120.08'	N04° 35' 36"E	120.00'
C6	30.00'	87°18'10"	45.71'	N43° 17' 33"W	41.42'
C7	287.50'	15°21'33"	71.71'	N79° 15' 52"W	71.49'
C8	30.00'	97°39'44"	51.14'	N49° 11' 24"E	45.17'
C9	232.50'	13°15'20"	53.79'	N75° 21' 04"W	53.67'
C10	250.00'	19°22'50"	84.56'	N79° 57' 03"W	84.16'
C11	50.00'	91°01'41"	79.44'	N45° 09' 19"W	71.34'
C12	750.00'	19°17'10"	252.48'	N10° 32' 40"W	251.26'

FINAL MAP OF
SIERRA VISTA - CGB
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

A PORTION OF SECTION 35, TOWNSHIP 11 NORTH, RANGE 5 EAST, M.D.B., INCLUDED WITHIN THE LAND SHOWN AND DESIGNATED AS PARCEL A ON PARCEL MAP NO. P 75362, FILED FOR RECORD IN THE OFFICE OF THE RECORDER OF PLACER COUNTY, CALIFORNIA ON JANUARY 8, 1980 IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS.

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APRIL 2019

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1552 Eureka Road, Suite 100, Roseville, CA 95661 (916) 773-1100

SHEET 4 OF 4 18254-CGB

BOOK FF OF MAPS, PAGE 21

OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "SIERRA VISTA - DF PROPERTIES, INC. LARGE LOT SUBDIVISION" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENTS FOR PUBLIC PURPOSES:

(A) A PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT-OF-WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

(B) A PUBLIC EASEMENT FOR THE INGRESS AND EGRESS OF EMERGENCY VEHICLES AND UTILITY MAINTENANCE VEHICLES, TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "M.A.E." (MAINTENANCE ACCESS EASEMENT).

(C) A PUBLIC EASEMENT FOR THE INSTALLATION AND MAINTENANCE OF A BUS SHELTER TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER AND ACROSS THAT STRIP OF LAND SHOWN HEREON AND DESIGNATED "BUS SHELTER EASEMENT".

(D) A PUBLIC EASEMENT FOR PEDESTRIAN ACCESS ON AND ACROSS THOSE STRIPS OF LAND SHOWN HEREON AND DESIGNATED "PEDESTRIAN EASEMENT" (P.E.).

THE REAL PROPERTY DESCRIBED BELOW IS IRREVOCABLY DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS FIDDYMENT ROAD, BASELINE ROAD, VISTA GRANDE BOULEVARD, MARKET STREET, UPLAND DRIVE, BRAMBLEWOOD WAY AND SAN FERNANDO DRIVE.

(B) LOT A SHOWN HEREON TO THE CITY OF ROSEVILLE FOR LANDSCAPING PURPOSES AND AS PUBLIC RIGHT-OF-WAY.

(C) LOT 5 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR PUBLIC OPEN SPACE PURPOSES.

(D) LOT 4 SHOWN HEREON TO THE CITY OF ROSEVILLE FOR PUBLIC PARK PURPOSES.

D F PROPERTIES, INC., A CALIFORNIA CORPORATION

BY: _____
NAME: KENNETH DENIO
TITLE: PRESIDENT

BY: _____
NAME: JEFF RONTEN
TITLE: EXECUTIVE VICE PRESIDENT / CFO

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Placer
ON 7/21/2020 BEFORE ME, Adrian Manuel David Acosta*, A NOTARY PUBLIC
PERSONALLY APPEARED Kenneth Denio
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

ADRIAN MANUEL DAVID ACOSTA
COMM. #2240448
Notary Public - California
Placer County
My Comm. Expires Apr. 29, 2022

SIGNATURE Adrian Manuel David Acosta* PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Placer COUNTY

MY COMMISSION EXPIRES: 4/29/2022 MY COMMISSION NUMBER: 2240448

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Placer
ON 7/21/2020 BEFORE ME, Adrian Manuel David Acosta*, A NOTARY PUBLIC
PERSONALLY APPEARED Jeffrey Ronten
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

ADRIAN MANUEL DAVID ACOSTA
COMM. #2240448
Notary Public - California
Placer County
My Comm. Expires Apr. 29, 2022

SIGNATURE Adrian Manuel David Acosta* PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Placer COUNTY

MY COMMISSION EXPIRES: 4/29/2022 MY COMMISSION NUMBER: 2240448

SURVEYOR'S STATEMENT

THIS FINAL MAP OF "SIERRA VISTA - DF PROPERTIES, INC. LARGE LOT SUBDIVISION" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF DF PROPERTIES, INC., IN AUGUST 2017. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, AND WILL BE SET BY JUNE 30, 2022 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Paul Ferguson.
PAUL FERGUSON, JR., PLS 9265
EXPIRATION DATE: MARCH 31, 2022

DATE: 7.21.2020

LICENSED LAND SURVEYOR PAUL FERGUSON, JR. 3-31-22 No. 9265 STATE OF CALIFORNIA

* Adrian Manuel David Acosta

CITY ENGINEER'S STATEMENT

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "SIERRA VISTA - DF PROPERTIES, INC. LARGE LOT SUBDIVISION" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

_____ DATE: 8/4/20
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

I HEREBY STATE THAT I AM SATISFIED THIS THIS FINAL MAP OF "SIERRA VISTA - DF PROPERTIES, INC. LARGE LOT SUBDIVISION" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

_____ DATE: 8/11/20
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2021

LICENSED LAND SURVEYOR TIMOTHY G. BLAIR Exp. 12-31-21 No. 8278 STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "SIERRA VISTA - DF PROPERTIES, INC. LARGE LOT SUBDIVISION", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC THE EASEMENTS OFFERED HEREON FOR DEDICATION. THE CITY COUNCIL REJECTS AT THIS TIME ON BEHALF OF THE PUBLIC, BUT RESERVES THE RIGHT TO ACCEPT AT A LATER DATE, ALL IRREVOCABLE OFFERS OF DEDICATION IN ACCORDANCE WITH THE TERMS OF THOSE OFFERS, AND HEREBY APPROVES THE ABANDONMENT OF THE EASEMENTS AND RIGHTS-OF-WAY LISTED HEREON WITHIN NOTE 3 ON SHEET 2.

_____
CITY CLERK, CITY OF ROSEVILLE

DATE: 8/25/2020 BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 29th DAY OF October, 2020, AT 3:14 P.M. IN BOOK FF OF MAPS, AT PAGE 21, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco DOCUMENT NO.: 2020-0122944
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: _____ FEE: $ 98.00
DEPUTY

FINAL MAP OF
SIERRA VISTA
DF PROPERTIES, INC.
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

BEING A PORTION OF PARCEL B AND A PORTION OF PARCEL C AS SHOWN ON THAT CERTAIN PARCEL MAP ENTITLED "PARCEL MAP NO. P-73362" FILED FOR RECORD IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS, LOCATED IN A PORTION OF THE SOUTH HALF OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

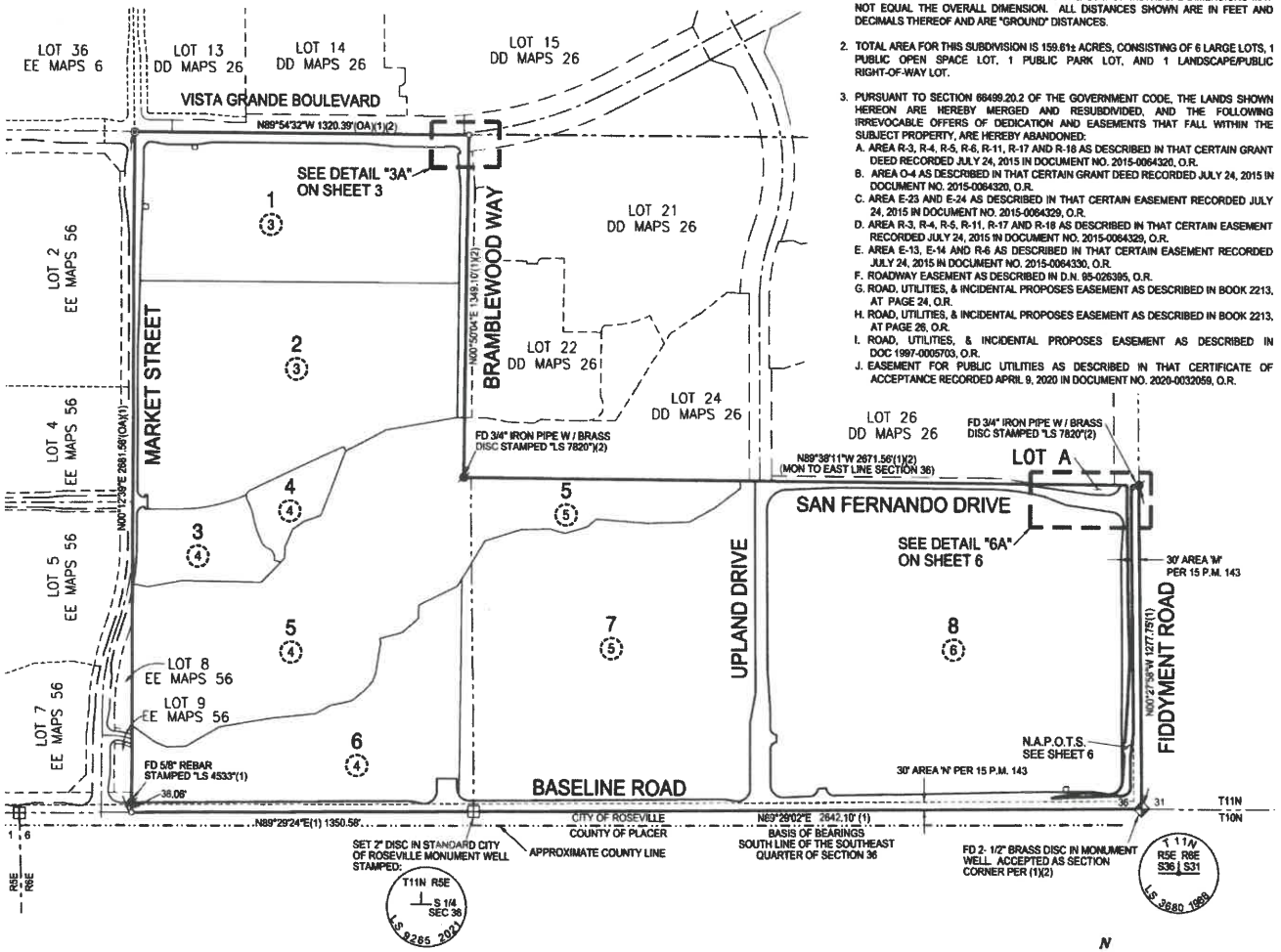
CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

MACKAY & SOMPS ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1100

AUGUST 2020

SHEET 1 OF 6 18476.LLFM

BOOK FF OF MAPS, PAGE 21



NOTES:

1. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. DUE TO ROUNDING THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION. ALL DISTANCES SHOWN ARE IN FEET AND DECIMALS THEREOF AND ARE "GROUND" DISTANCES.
2. TOTAL AREA FOR THIS SUBDIVISION IS 159.61± ACRES, CONSISTING OF 6 LARGE LOTS, 1 PUBLIC OPEN SPACE LOT, 1 PUBLIC PARK LOT, AND 1 LANDSCAPE/PUBLIC RIGHT-OF-WAY LOT.
3. PURSUANT TO SECTION 66499.20.2 OF THE GOVERNMENT CODE, THE LANDS SHOWN HEREON ARE HEREBY MERGED AND RESUBDIVIDED, AND THE FOLLOWING IRREVOCABLE OFFERS OF DEDICATION AND EASEMENTS THAT FALL WITHIN THE SUBJECT PROPERTY, ARE HEREBY ABANDONED:
   A. AREA R-3, R-4, R-5, R-6, R-11, R-17 AND R-18 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064320, O.R.
   B. AREA O-4 AS DESCRIBED IN THAT CERTAIN GRANT DEED RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064320, O.R.
   C. AREA E-23 AND E-24 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064329, O.R.
   D. AREA R-3, R-4, R-5, R-11, R-17 AND R-18 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064329, O.R.
   E. AREA E-13, E-14 AND R-6 AS DESCRIBED IN THAT CERTAIN EASEMENT RECORDED JULY 24, 2015 IN DOCUMENT NO. 2015-0064330, O.R.
   F. ROADWAY EASEMENT AS DESCRIBED IN D.N. 95-026395, O.R.
   G. ROAD, UTILITIES, & INCIDENTAL PROPOSES EASEMENT AS DESCRIBED IN BOOK 2213, AT PAGE 24, O.R.
   H. ROAD, UTILITIES, & INCIDENTAL PROPOSES EASEMENT AS DESCRIBED IN BOOK 2213, AT PAGE 26, O.R.
   I. ROAD, UTILITIES, & INCIDENTAL PROPOSES EASEMENT AS DESCRIBED IN DOC 1997-0005703, O.R.
   J. EASEMENT FOR PUBLIC UTILITIES AS DESCRIBED IN THAT CERTIFICATE OF ACCEPTANCE RECORDED APRIL 9, 2020 IN DOCUMENT NO. 2020-0032059, O.R.

LEGEND

◆	FOUND SECTION CORNER AS NOTED
⊞	QUARTER SECTION CORNER, NO MONUMENT FOUND
◉	FOUND MONUMENT AS NOTED
⊛	FOUND 2" DISC STAMPED "LS 7820" IN STANDARD CITY OF ROSEVILLE MONUMENT WELL (2)
●	SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 9265"
○	SET 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 9265"
∘	DIMENSION POINT
AC.	ACRES
CB	CHORD BEARING
CD	CHORD DISTANCE
℄	CENTERLINE
D.N.	DOCUMENT NUMBER
FD	FOUND
J.U.A.	JOINT USE AGREEMENT
L.E.	LANDSCAPE EASEMENT
M.A.E.	MAINTENANCE ACCESS EASEMENT
MON	MONUMENT
N.A.P.O.T.S.	NOT A PART OF THIS SURVEY
(OA)	OVERALL
O.R.	OFFICIAL RECORDS OF PLACER COUNTY
P.E.	PEDESTRIAN EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
R.S.	RECORD OF SURVEY
( )	RECORD DATA PER REFERENCE
R.O.W.	RIGHT OF WAY
S.F.	SQUARE FEET
(1)	SHEET INDEX
---·---	CITY/COUNTY LIMITS

BASIS OF BEARINGS:

THE BEARING N 88°29'02" E, BEING THE SOUTH LINE OF THE SOUTH EAST QUARTER OF SECTION 36 AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ENTITLED "RECORD OF SURVEY NO. 3221" RECORDED JULY 24, 2015 IN BOOK 22 OF SURVEYS, AT PAGE 135, PLACER COUNTY RECORDS.

REFERENCES:

(1) 22 R.S. 135
(2) DD MAPS 26
(3) EE MAPS 6
(4) EE MAPS 56

LARGE LOT #	L.L.T.M. PLAN #
LOT 1	DF-20
LOT 2	DF-1
LOT 3	DF-2
LOT 4	DF-50
LOT 5	DF-80, DF-81
LOT 6	DF-40
LOT 7	DF-41
LOT 8	DF-42

FINAL MAP OF SIERRA VISTA
DF PROPERTIES, INC.
LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

BEING A PORTION OF PARCEL B AND A PORTION OF PARCEL C AS SHOWN ON THAT CERTAIN PARCEL MAP ENTITLED "PARCEL MAP NO. P-73382" FILED FOR RECORD IN BOOK 15 OF PARCEL MAPS, AT PAGE 143, PLACER COUNTY RECORDS. LOCATED IN A PORTION OF THE SOUTH HALF OF SECTION 36, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

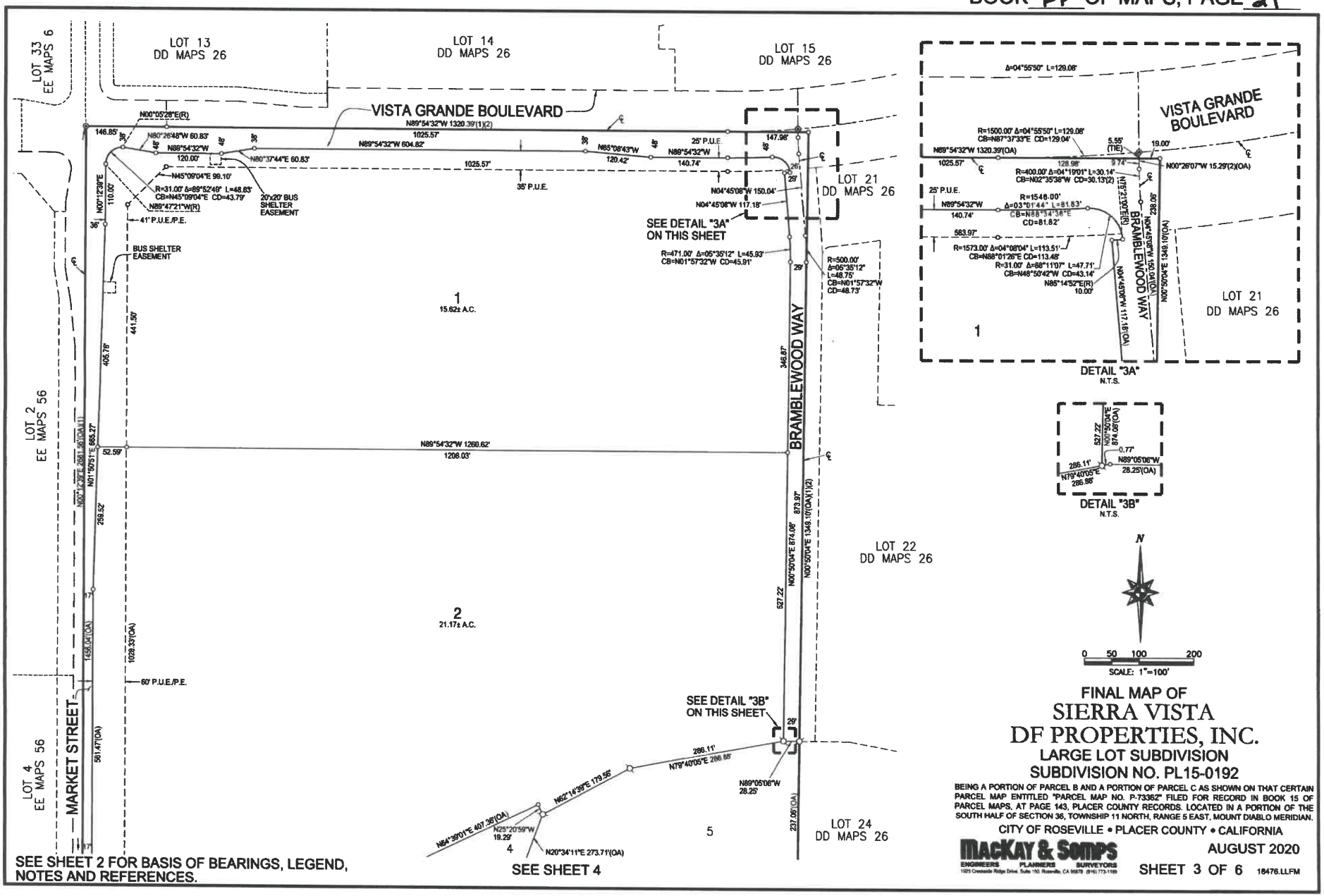
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MACKAY & SOMPS ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1100

AUGUST 2020

SHEET 2 OF 6 18476.LLFM

BOOK FF OF MAPS, PAGE 21



SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

FINAL MAP OF SIERRA VISTA

DF PROPERTIES, INC.

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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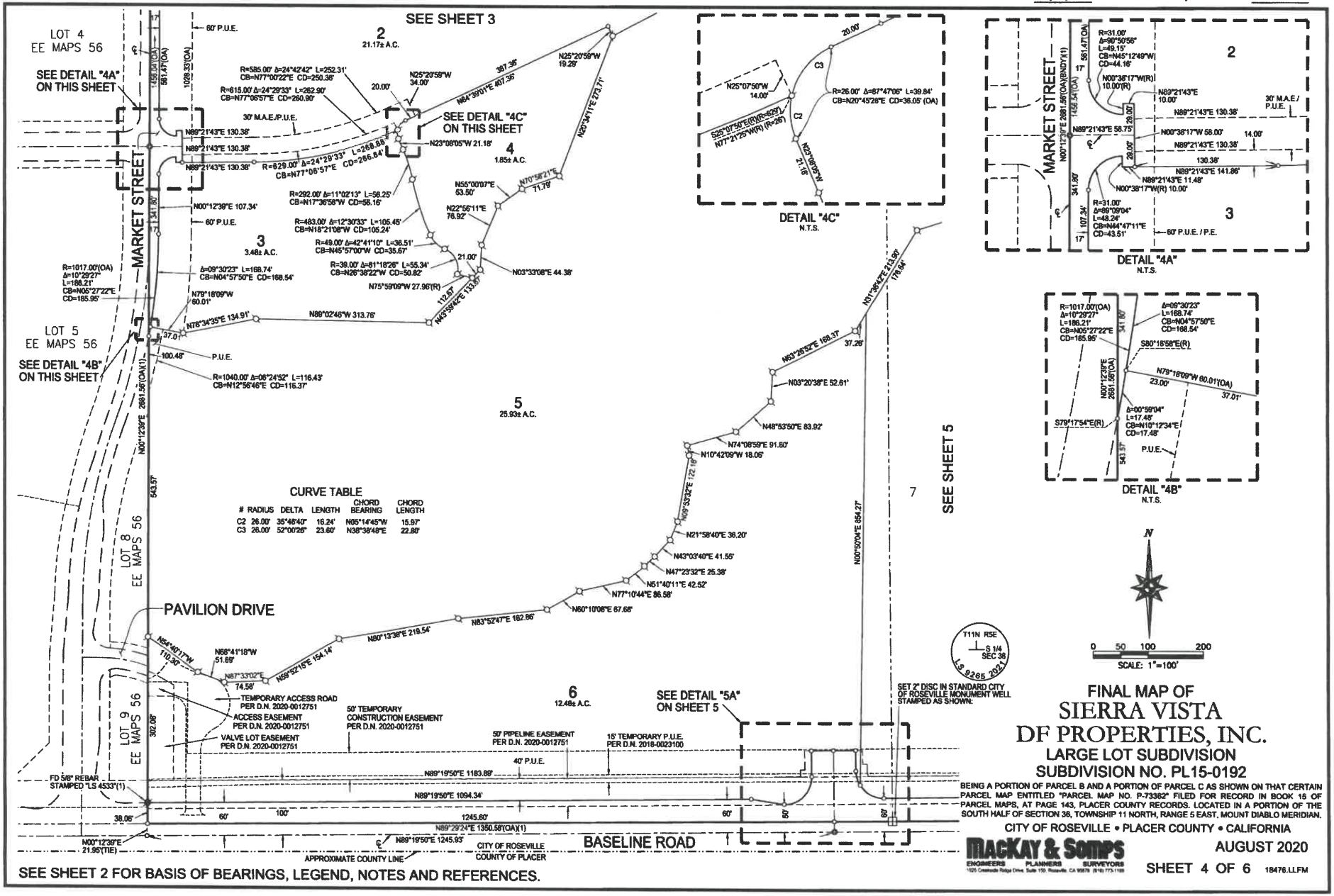
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MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1325 Crossroads Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

AUGUST 2020

SHEET 3 OF 6 18476.LLFM

BOOK FF OF MAPS, PAGE 21



FINAL MAP OF SIERRA VISTA

DF PROPERTIES, INC.

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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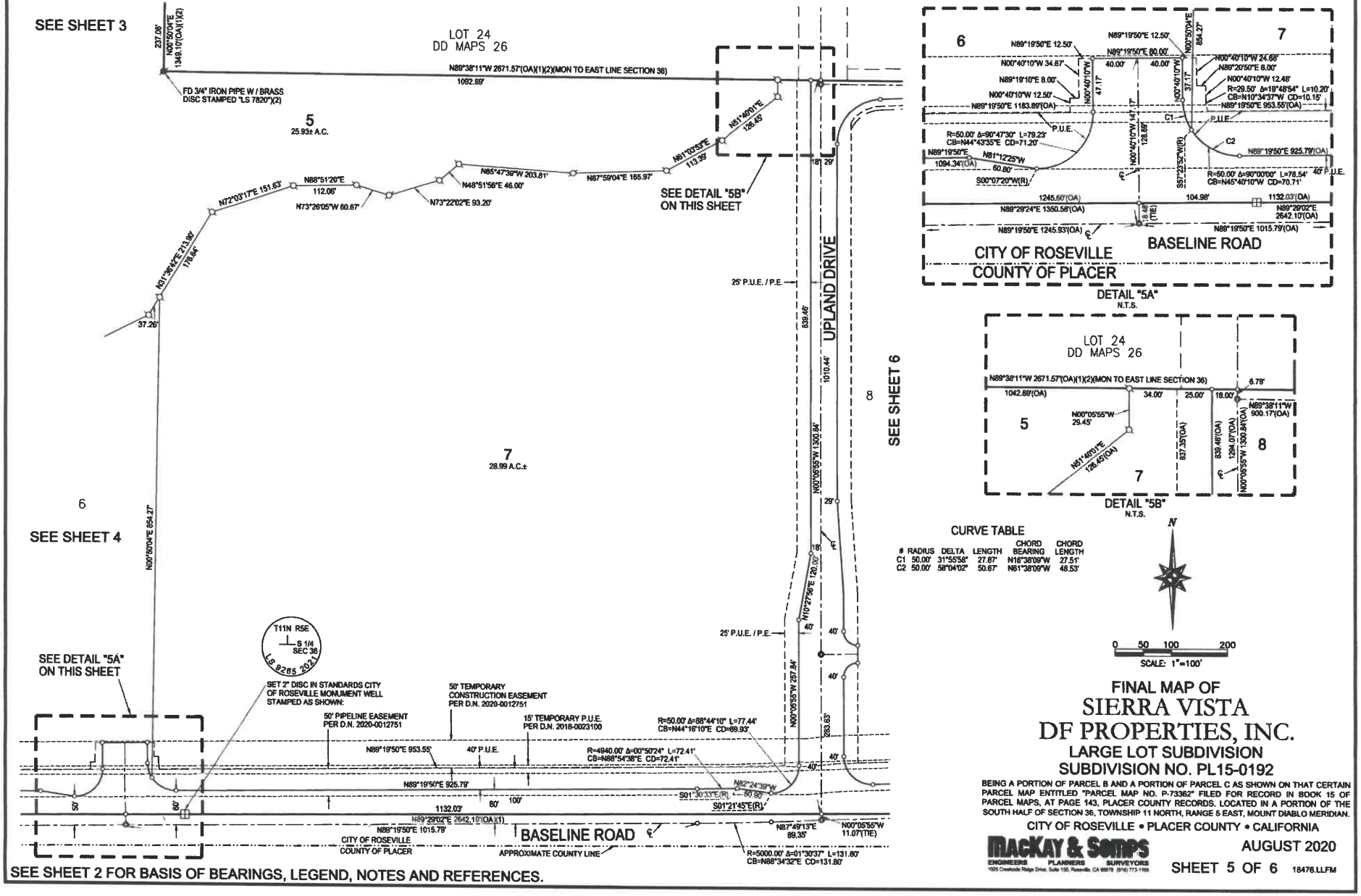
MACKAY & SOMPS ENGINEERS PLANNERS SURVEYORS

AUGUST 2020

SHEET 4 OF 6 18476.LLFM

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

BOOK FF OF MAPS, PAGE 21



DETAIL "5A"
N.T.S.

DETAIL "5B"
N.T.S.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	50.00'	31°55'58"	27.87'	N16°38'09"W	27.51'
C2	50.00'	58°04'02"	50.67'	N61°38'09"W	48.53'

FINAL MAP OF SIERRA VISTA

DF PROPERTIES, INC.

LARGE LOT SUBDIVISION
SUBDIVISION NO. PL15-0192

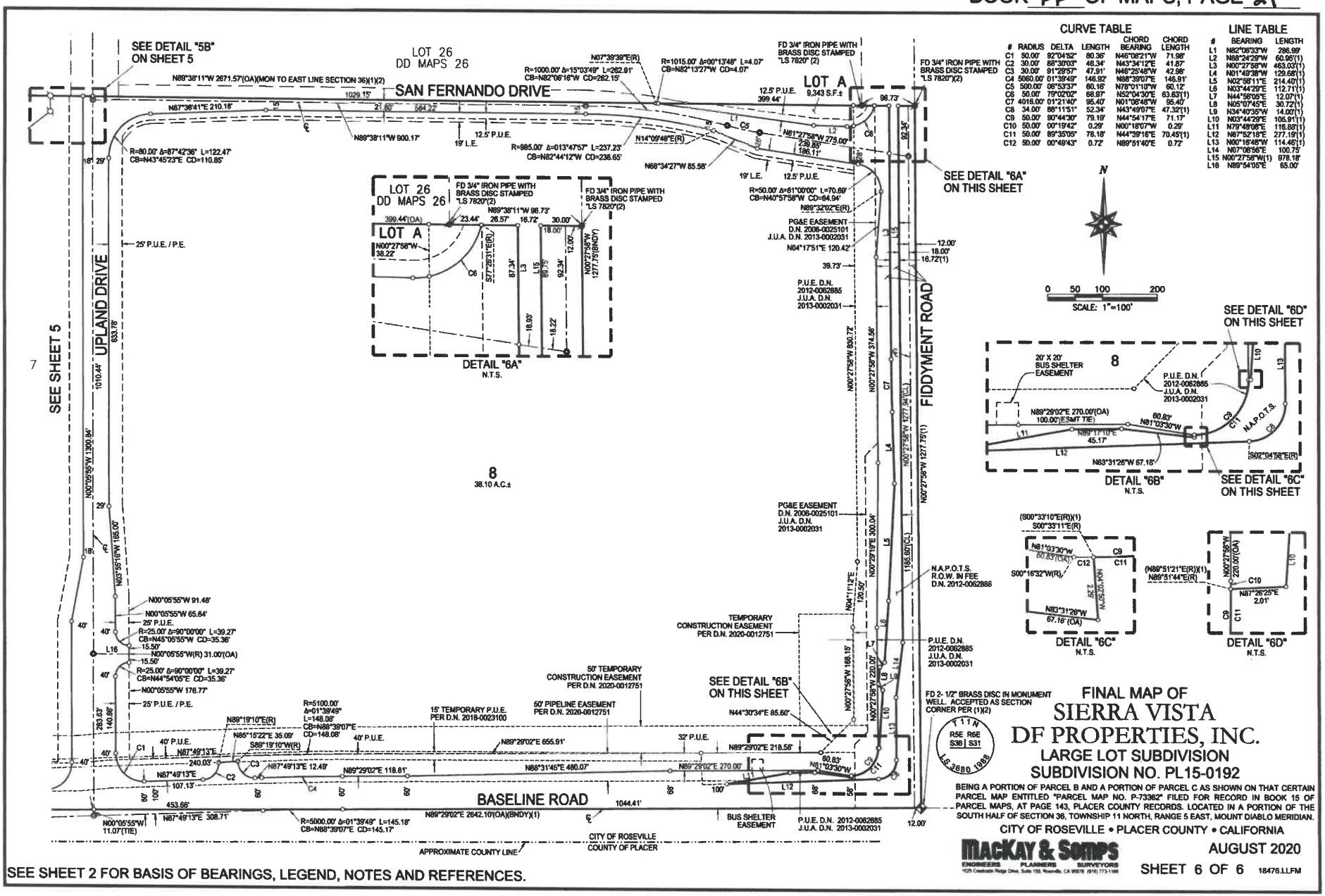
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MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1100

AUGUST 2020

SHEET 5 OF 6 18476.LLFM



CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	50.00'	92°04'52"	80.36'	N46°08'21"W	71.98'
C2	30.00'	88°30'00"	46.34'	N43°34'12"E	41.87'
C3	30.00'	91°29'57"	47.91'	N46°25'48"W	42.98'
C4	5060.00'	01°39'49"	146.92'	N88°39'07"E	146.91'
C5	500.00'	06°53'37"	60.16'	N78°01'01"W	60.12'
C6	50.00'	79°02'02"	68.97'	N52°04'30"E	63.63'(1)
C7	4016.00'	01°21'40"	95.40'	N01°06'46"W	95.40'
C8	34.00'	88°11'51"	52.34'	N43°49'07"E	47.32'(1)
C9	50.00'	90°44'30"	79.19'	N44°54'17"E	71.17'
C10	50.00'	00°19'42"	0.29'	N00°18'07"W	0.29'
C11	50.00'	89°35'05"	78.18'	N44°39'16"E	70.45'(1)
C12	50.00'	00°49'43"	0.72'	N89°51'40"E	0.72'

LINE TABLE

#	BEARING	LENGTH
L1	N82°06'33"W	286.99'
L2	N88°24'29"W	60.95'(1)
L3	N00°27'58"W	463.03'(1)
L4	N01°49'38"W	129.68'(1)
L5	N02°56'11"E	214.40'(1)
L6	N03°44'29"E	112.71'(1)
L7	N44°58'05"E	12.07'(1)
L8	N05°07'45"E	30.72'(1)
L9	N34°40'35"W	14.00'(1)
L10	N03°44'29"E	105.91'(1)
L11	N79°48'08"E	116.88'(1)
L12	N87°52'18"E	277.19'(1)
L13	N00°16'48"W	114.46'(1)
L14	N07°08'56"E	100.75'
L15	N00°27'58"W(1)	978.18'
L16	N89°54'05"E	65.00'

FINAL MAP OF SIERRA VISTA

DF PROPERTIES, INC.

LARGE LOT SUBDIVISION

SUBDIVISION NO. PL15-0192

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MACKAY & SOMPS ENGINEERS PLANNERS SURVEYORS 1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1100

AUGUST 2020

SHEET 6 OF 6 18476.LLFM

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

COUNCIL COMMUNICATION

CC #: 1431
File #: 0400-04-09-01

Title:	Federico Phase 1 - Village 22B - Notice of Completion
Contact:	Andrew Druck 916-223-7577 adruck@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.8.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Federico Phase 1 - Village 22B, CWJ#180123 as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact to the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of a Notice of Completion meets the above criteria and is not subject to CEQA. No additional environmental review is required.

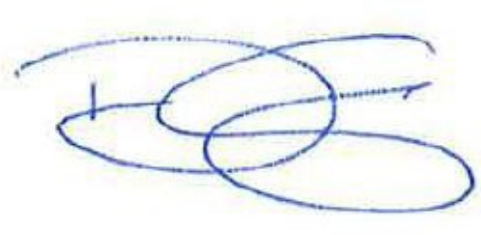
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Andrew Druck, Construction Inspector

Mike Isom, Development Services Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-185

NOC

Exhibit A

Final Map

RESOLUTION NO. 21-185

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS FEDERICO PHASE 1 - VILLAGE 22B PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Federico Phase 1 - Village 22B is hereby approved and the public work accepted.

2. All rights of way and easements as offered on the final map of recorded with Placer County Recorder's Office Book FF of Maps, Page 10 is hereby accepted.

3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this_____day of_____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____

_____.

_____

City of Roseville
Owner

ATTEST:

_____
Sonia Orozco, City Clerk

State of California)
County of Placer)

I,_____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

_____

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Placer)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____,

20___, _____

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

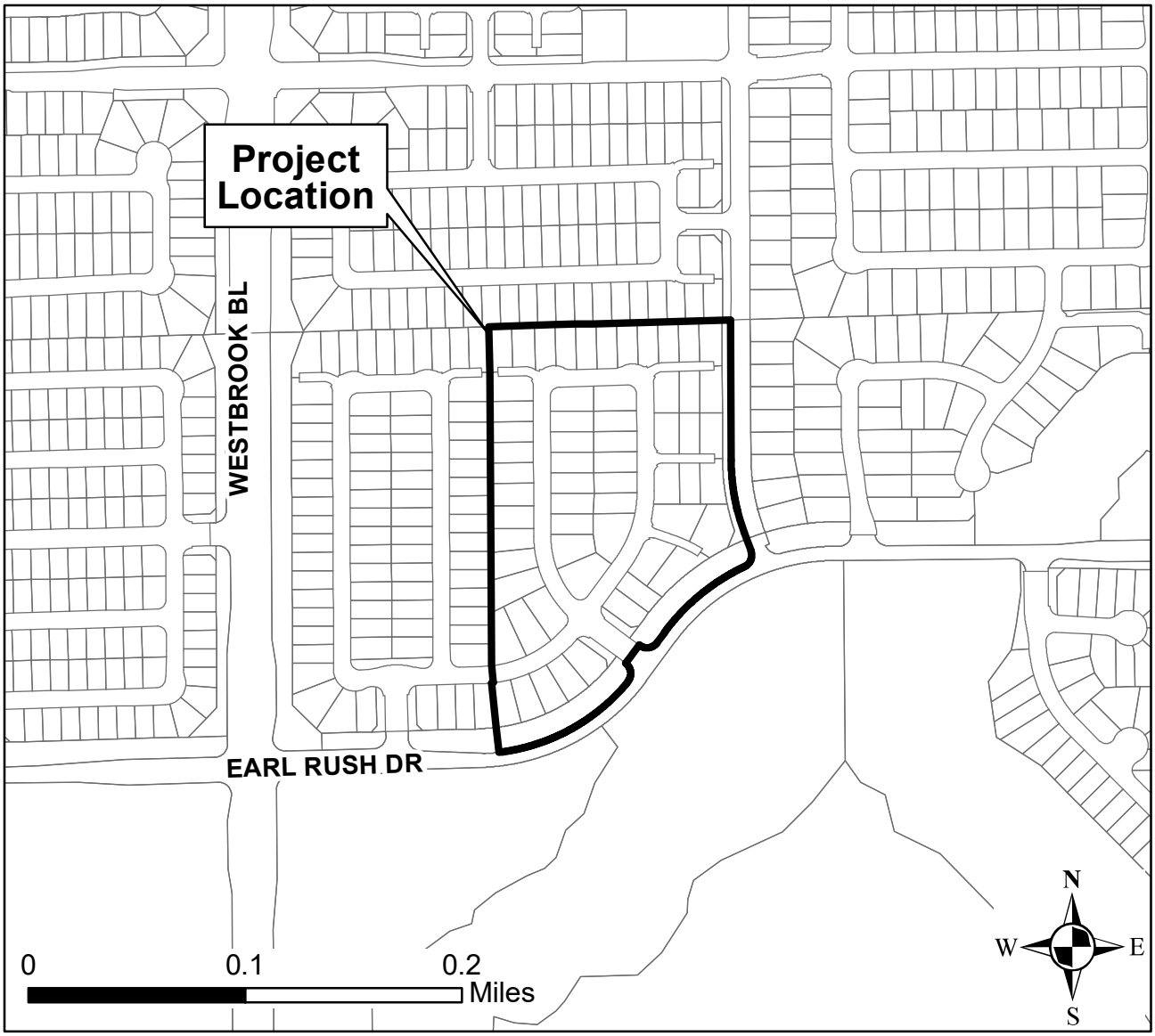
_____

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville
Federico - Phase 1
Village 22B



OWNER'S STATEMENT

SIERRA VISTA-FEDERICO

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF "~~FEDERICO - PHASE 1~~ VILLAGE 22B" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS LOTS A, B, C, D & E AND THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT-OF-WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT-OF-WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS BLUE MOON LANE, CRATER PLACE, GLEAM PLACE, GLIMMER PLACE, GLOW PLACE, LUNA DRIVE AND SOLAR WAY.

(B) LOTS A, B, C, D AND E SHOWN HEREON TO THE CITY OF ROSEVILLE FOR LANDSCAPING AND AS PUBLIC RIGHTS-OF-WAY.

TAYLOR MORRISON OF CALIFORNIA, LLC
A CALIFORNIA LIMITED LIABILITY COMPANY

BY: _____
NAME: Jay Pawlek
TITLE: Vice President

BY: _____
NAME: Scott Carey
TITLE: Vice President

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Sacramento
ON June 18, 2020 BEFORE ME, L. Hall, A NOTARY PUBLIC
PERSONALLY APPEARED Jay Pawlek
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICIAL SEAL.

L. Hall (SIGNATURE) L. Hall (PRINTED NAME)

MY PRINCIPAL PLACE OF BUSINESS IS Sacramento COUNTY
MY COMMISSION EXPIRES: August 5, 2022 MY COMMISSION NUMBER: 2249285

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Sacramento
ON June 18, 2020 BEFORE ME, L. Hall, A NOTARY PUBLIC
PERSONALLY APPEARED Scott Carey
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

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L. Hall (SIGNATURE) L. Hall (PRINTED NAME)

MY PRINCIPAL PLACE OF BUSINESS IS Sacramento COUNTY
MY COMMISSION EXPIRES: August 5, 2022 MY COMMISSION NUMBER: 2249285

SURVEYOR'S STATEMENT

SIERRA VISTA - FEDERICO

THIS FINAL MAP OF "~~FEDERICO - PHASE 1~~ VILLAGE 22B" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2017. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, OR WILL BE SET IN THOSE POSITIONS BY DECEMBER 31, 2021 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Paul Ferguson Jr.
PAUL FERGUSON, JR., PLS 9265
EXPIRATION DATE: MARCH, 31 2022

DATE: 6.17.2020

LICENSED LAND SURVEYOR
PAUL FERGUSON, JR.
3.31.22
No. 9265
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

SIERRA VISTA-FEDERICO

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF "~~FEDERICO - PHASE 1~~ VILLAGE 22B" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

DATE: 6/23/20

MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

SIERRA VISTA-FEDERICO

I HEREBY STATE THAT I AM SATISFIED THIS FINAL MAP OF "~~FEDERICO - PHASE 1~~ VILLAGE 22B" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

DATE: 6/24/20

TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2021

LICENSED LAND SURVEYOR
TIMOTHY G. BLAIR
Exp. 12-31-21
No. 8278
STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

SIERRA VISTA - FEDERICO

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF "~~FEDERICO - PHASE 1~~ VILLAGE 22B", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, LOTS A, B, C, D, E, THE RIGHTS-OF-WAY AND THE EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER.

Ilonia Boyd
CITY CLERK, CITY OF ROSEVILLE

DATE: June 18, 2020 BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 28th DAY OF August, 2020, AT 9:40A .M. IN BOOK FF OF MAPS, AT PAGE 10, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

DOCUMENT NO.: 2020-0092874

BY: _____ DEPUTY

FEE: $ 95.00

SIERRA VISTA - FEDERICO ~~- PHASE 1~~

FINAL MAP OF

SIERRA VISTA - FEDERICO ~~- PHASE 1~~

VILLAGE 22B

SUBDIVISION NO. PL17-0024

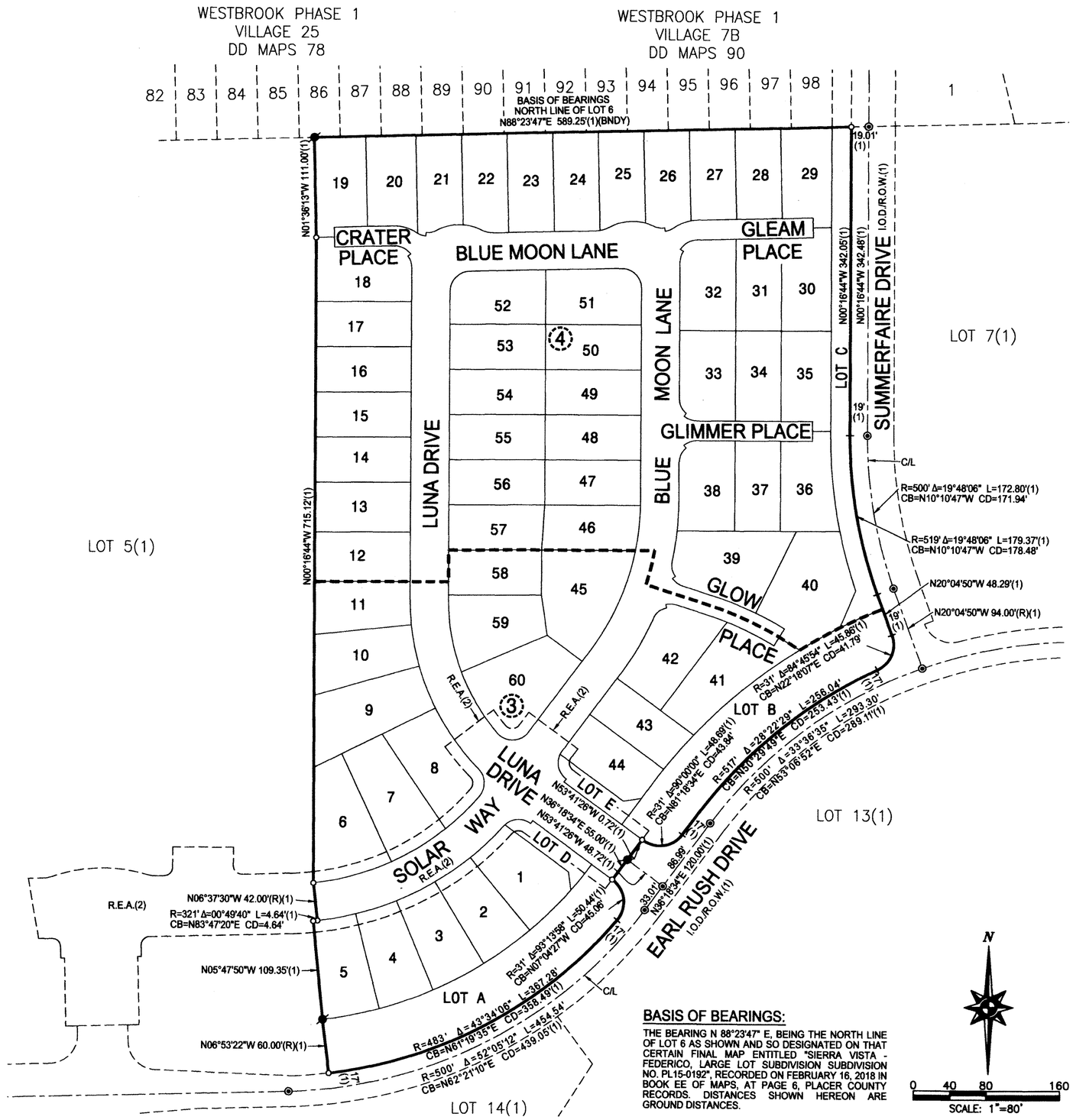
ALL OF LOT 6 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 28, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JUNE 2020

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

SHEET 1 OF 5 18254.FED.22B



NOTES:

1. TOTAL AREA OF THIS SUBDIVISION IS 11.80± ACRES, GROSS, CONSISTING OF 60 RESIDENTIAL LOTS AND 5 LANDSCAPE LOTS.
2. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
3. A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, INC. DATED FEBRUARY, 2017; PROJECT NUMBER E 16372.00 AND ON FILE WITH THE CITY OF ROSEVILLE DEVELOPMENT SERVICES - ENGINEERING DEPARTMENT, FILE No. 308-870.
4. ALL FRONT CORNERS ARE MARKED BY A 1" BRASS MARKER STAMPED "LS 9265" IN THE SIDEWALK ON THE EXTENSION OF SIDE LOT LINES 1.00' FROM THE PROPERTY LINE, WHERE SIDEWALK DOES NOT EXIST, FRONT CORNERS SHALL BE SET ON 0.33' EXTENSION IN THE TOP OF CURB, UNLESS OTHERWISE NOTED.
5. ALL REAR CORNERS AND ANGLE POINTS WILL BE SET WITH A 5/8" REBAR AND PLASTIC CAP STAMPED "LS 9265", WHERE A REAR CORNER FALLS WITHIN A MASONRY RETAINING WALL, MASONRY SOUND WALL OR CONCRETE FOOTING, A 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 9265" WILL BE SET ON THE SIDE LOT LINE ON A 4.00 FOOT OFFSET TO THE REAR CORNER OR A BRASS TAG STAMPED "LS 9265" WILL BE SET WITH EPOXY TO THE FACE OF WALL 2.00 FOOT ABOVE GROUND OR ON TOP OF WALL WHERE AN OFFSET MONUMENT CANNOT BE SET.
6. THE TEMPORARY CONSTRUCTION AND ACCESS EASEMENT DESCRIBED IN DOCUMENT NO. 2017-0041424, O.R.P.C. IS FULLY CONTAINED WITHIN LOTS A , B AND C AND SHALL EXPIRE ONE YEAR FROM THE DATE OF THE CITY'S ACCEPTANCE OF IMPROVEMENTS PURSUANT TO THE TERMS OF THE AGREEMENT.
7. THE "RESERVED TEMPORARY ACCESS EASEMENT" DESCRIBED IN DOCUMENT NO. 2019-0032303, O.R.P.C. IS FULLY CONTAINED WITHIN THE SUMMERFAIRE DRIVE AND EARL RUSH DRIVE (FORMERLY FEDERICO DRIVE) RIGHTS-OF-WAY AS SHOWN ON EE MAPS 6.

LEGEND

◉	FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"(1)
◉	FOUND 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"(1)
◎	SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 9265" PER CITY OF ROSEVILLE STANDARDS
o	DIMENSION POINT
CB	CHORD BEARING
CD	CHORD DISTANCE
C/L	CENTERLINE
I.O.D.	IRREVOCABLE OFFER OF DEDICATION
(OA)	OVERALL
P.E.	PASEO EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
R.E.A.	RECIPROCAL EASEMENT AGREEMENT
R.O.W.	RIGHT-OF-WAY
S.F.±	SQUARE FEET
(1)	DENOTES RECORD INFORMATION
(X)	SHEET NUMBER

REFERENCES:

(1) EE MAPS 6
(2) DOCUMENT No. 2020-0004878

BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF LOT 6 AS SHOWN AND SO DESIGNATED ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO, LARGE LOT SUBDIVISION SUBDIVISION NO. PL15-0192", RECORDED ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

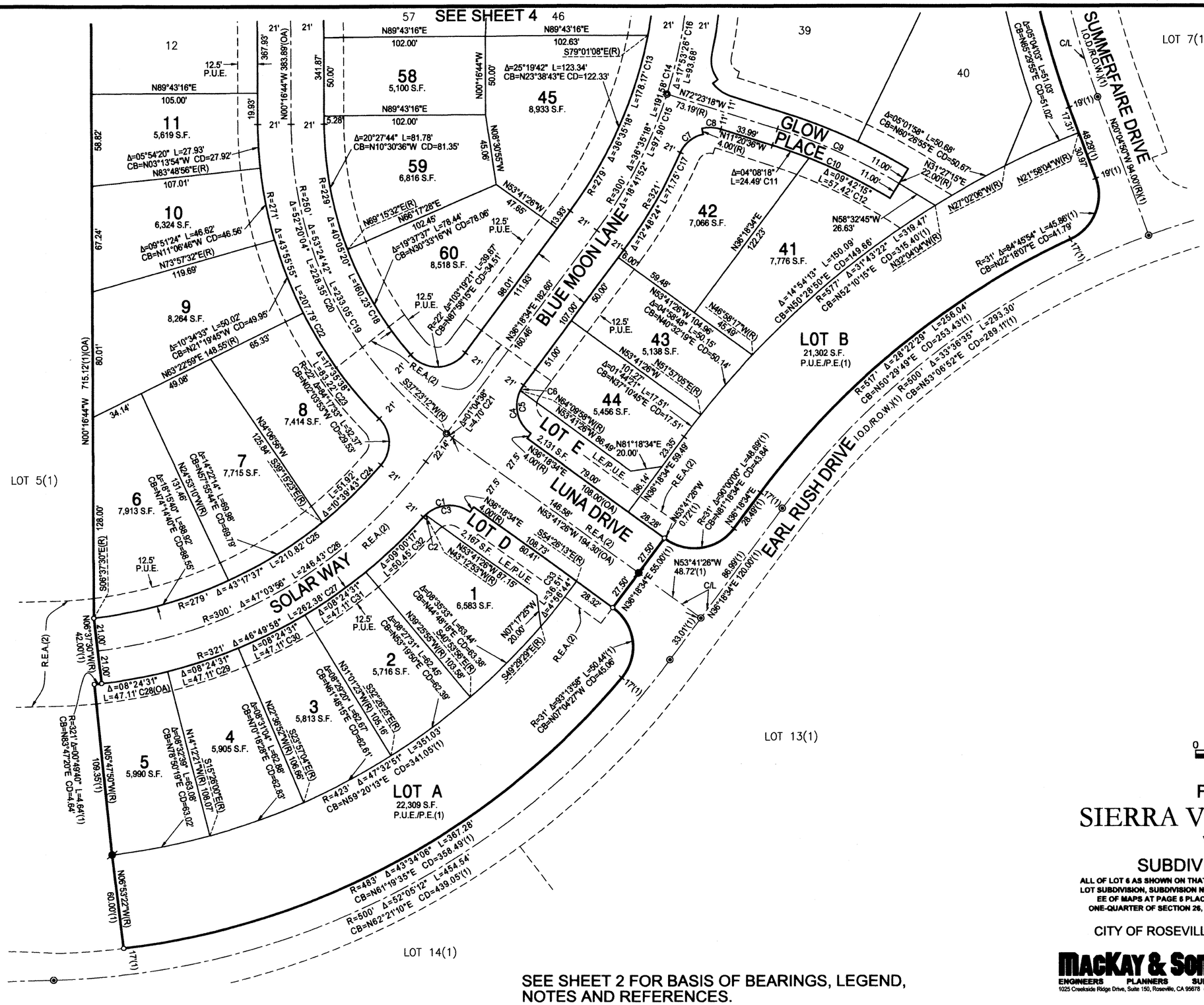
FINAL MAP OF
SIERRA VISTA - FEDERICO
VILLAGE 22B
SUBDIVISION NO. PL17-0024

ALL OF LOT 6 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

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JUNE 2020

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189


SEE SHEET 4
LOT 5(1)
LOT 7(1)
LOT 13(1)
LOT 14(1)
BLUE MOON LANE
GLOW PLACE
SUMMERFAIRE DRIVE
I.O.D./R.O.W.(1)
EARL RUSH DRIVE
I.O.D./R.O.W.)(1)
LUNA DRIVE
SOLAR WAY
LOT A
22,309 S.F.
P.U.E./P.E.(1)
LOT B
21,302 S.F.
P.U.E./P.E.(1)
LOT E
2,131 S.F.
L.E./P.U.E.
LOT D
2,167 S.F.
L.E./P.U.E.
1 6,583 S.F.
2 5,716 S.F.
3 5,813 S.F.
4 5,905 S.F.
5 5,990 S.F.
6 7,913 S.F.
7 7,715 S.F.
8 7,414 S.F.
9 8,264 S.F.
10 6,324 S.F.
11 5,619 S.F.
41 7,776 S.F.
42 7,066 S.F.
43 5,138 S.F.
44 5,456 S.F.
45 8,933 S.F.
58 5,100 S.F.
59 6,816 S.F.
60 8,518 S.F.
N89°43'16"E 105.00'
N89°43'16"E 102.00'
N89°43'16"E 102.63'
S79°01'08"E(R)
N00°16'44"W 383.89'(OA)
N00°16'44"W 715.12'(1)(OA)
R=279' Δ=43°55'55" L=207.79' C22
R=250' Δ=53°24'42" L=233.05' C19
R=229' Δ=40°05'20" L=160.23' C18
R=300' Δ=36°35'18" L=178.17' C13
R=321' Δ=12°48'24" L=71.75' C17
R=517' Δ=28°22'29" L=256.04'
CB=N50°29'49"E CD=253.43'(1)
R=500' Δ=33°36'35" L=293.30'
CB=N53°06'52"E CD=289.11'(1)
R=483' Δ=43°34'06" L=367.26'
CB=N61°19'35"E CD=358.49'(1)
R=500' Δ=52°05'12" L=454.54'
CB=N62°21'10"E CD=439.05'(1)
R=279' Δ=43°03'56" L=246.43' C26
R=300' Δ=47°03'56" L=246.43' C27
R=321' Δ=46°49'58" L=262.38' C27
N06°37'30"W(R) 42.00'(1)
N06°53'22"W(R) 60.00'(1)
N05°47'50"W(R) 109.35'(1)
N36°18'34"E 182.60'
N36°18'34"E 160.46'
N53°41'26"W 194.30'(OA)
N53°41'26"W 108.73'
N53°41'26"W 87.15'
N53°41'26"W 86.49'
N53°41'26"W 47.65'
N36°18'34"E 79.00'
N36°18'34"E 109.00'(OA)
N36°18'34"E 28.29'
N53°41'26"W 48.72'(1)
N36°18'34"E 55.00'(1)
N36°18'34"E 120.00'(1)
N36°18'34"E 86.99'(1)
N36°18'34"E 28.49'(1)
N36°18'34"E 4.00'(R)
N27°02'06"W(R)
N21°58'04"W(R)
N32°04'04"W(R)
N46°58'17"W(R) 45.49'
N53°41'26"W 101.27'
CB=N37°10'45"E CD=17.51'
N53°41'26"W 104.96'
CB=N40°32'19"E CD=50.14'
N64°09'58"W(R)
N69°15'32"E(R)
N66°17'28"E
N73°57'32"E(R)
N63°22'59"E 148.55'(R)
N34°06'56"W 125.84'
S09°15'23"E(R)
S06°37'30"E(R)
S37°23'12"W(R)
S49°29'29"E(R)
S32°29'25"E(R)
S23°57'04"E(R)
S15°26'00"E(R)
N07°17'25"W 20.00'
N31°01'23"W(R) 105.16'
N27°39'52"W(R) 106.66'
N14°12'21"W(R) 108.07'
N53°41'26"W 47.65'
N72°23'18"W 73.19'(R)
N11°20'36"W 4.00'(R)
N31°27'15"E 22.00'(R)
S54°26'13"E(R) 108.73'
S54°26'13"E(R) 194.30'(OA)
S53°41'26"E 0.72'(1)
S53°41'26"E 28.32'
S53°41'26"E 27.50'
S53°41'26"E 27.50'

BASIS OF BEARINGS
NORTH LINE OF LOT 6
N88°23'47"E 589.25'(1)(BNDY)

CRATER PLACE
BLUE MOON LANE
GLEAM PLACE
GLIMMER PLACE
GLOW PLACE
LUNA DRIVE
SUMMERFAIRE DRIVE
I.O.D./R.O.W.(1)
LOT C P.U.E./P.E.(1) 11,837 S.F.
LOT 7(1)
LOT B
C/L

Lot	S.F.
11	5,855
12	5,775
13	5,775
14	5,250
15	5,250
16	5,250
17	5,250
18	6,562
20	5,577
21	5,229
22	5,337
23	5,500
24	5,499
25	5,145
26	5,293
27	5,001
28	5,000
29	5,798
30	5,898
31	5,100
32	6,120
33	6,045
34	5,000
35	5,720
36	6,093
37	5,000
38	6,063
39	8,551
40	9,389
45	5,228
46	5,228
47	5,250
48	5,250
49	5,250
50	5,250
51	6,372
52	6,128
53	5,250
54	5,250
55	5,250
56	5,250
57	5,175
58	

SEE SHEET 3

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	20'	38°32'30"	13.45'	N19°32'59"W	13.20'
C2	24'	52°46'59"	22.11'	N65°12'44"W	21.34'
C3	35'	32°46'24"	20.02'	N75°13'01"W	19.75'
C4	46'	33°55'17"	27.23'	N74°38'35"W	26.84'
C5	24'	26°33'58"	11.13'	N70°57'56"W	11.03'
C6	24'	04°06'32"	1.72'	N59°44'13"W	1.72'
C7	24'	22°27'26"	9.41'	N73°01'12"W	9.35'
C8	20'	34°28'15"	12.03'	N78°30'58"E	11.85'
C9	52'	55°21'30"	50.24'	N88°57'35"E	48.31'
C10	52'	32°54'42"	29.87'	N77°44'11"E	29.46'
C11	52'	22°26'47"	20.37'	N74°35'04"W	20.24'
C12	32'	28°14'33"	15.77'	N77°28'57"W	15.61'
C13	32'	28°14'33"	15.77'	N74°16'30"E	15.61'
C14	32'	08°53'54"	4.97'	N83°56'50"E	4.96'
C15	32'	19°20'39"	10.80'	N69°49'33"E	10.75'
C16	52'	55°29'57"	50.37'	N87°54'12"E	48.42'
C17	52'	45°14'22"	41.06'	N82°46'24"E	40.00'
C18	52'	10°15'35"	9.31'	N69°28'37"W	9.30'
C19	20'	36°33'35"	12.76'	N82°37'37"W	12.55'
C20	24'	24°44'12"	10.36'	N66°43'29"E	10.28'
C21	46'	34°02'23"	27.33'	N71°22'35"E	26.93'
C22	46'	25°20'26"	20.34'	N67°01'36"E	20.18'
C23	46'	08°41'58"	6.98'	N84°02'48"E	6.98'
C24	35'	33°36'24"	20.53'	N71°35'34"E	20.24'
C25	24'	53°55'21"	22.59'	N61°26'06"E	21.76'
C26	20'	34°45'09"	12.13'	N17°05'51"E	11.95'
C27	20'	51°58'56"	18.15'	N26°16'12"W	17.53'
C28	24'	38°01'04"	15.92'	N71°16'12"W	15.63'
C29	24'	38°01'04"	15.92'	N70°42'44"E	15.63'
C30	20'	51°58'56"	18.15'	N25°42'44"E	17.53'
C31	20'	49°11'37"	17.17'	N12°52'34"W	16.65'
C32	24'	34°54'55"	14.63'	N54°55'50"W	14.40'
C33	540'	07°12'51"	67.99'	N15°14'29"W	67.95'

CHORD TABLE

#	CHORD BEARING	CHORD LENGTH
C33	N18°00'55"E	175.15'
C34	N18°00'55"E	188.34'
C35	N08°39'59"E	93.30'
C36	N05°43'15"E	67.10'
C37	N02°37'54"E	32.60'

0 20 40 80
SCALE: 1"=40'

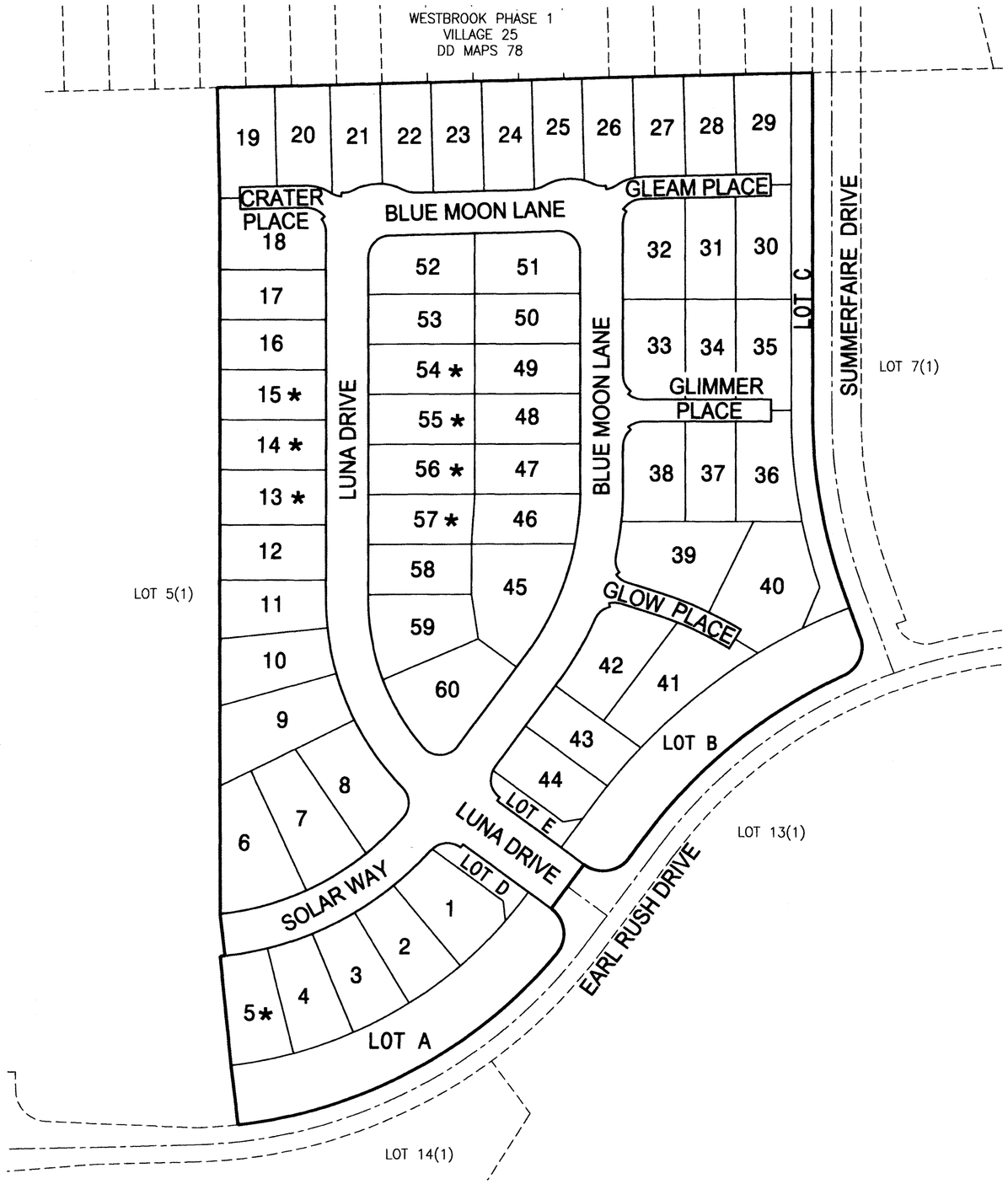
FINAL MAP OF
SIERRA VISTA - FEDERICO
VILLAGE 22B
SUBDIVISION NO. PL17-0024

ALL OF LOT 6 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

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JUNE 2020

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189



ADDITIONAL INFORMATION FOR INFORMATIONAL PURPOSE ONLY PURSUANT TO SECTION 66434.2 OF THE GOVERNMENT CODE

EACH RESIDENTIAL DWELLING CONSTRUCTED ON ANY OF THE LOTS INDICATED SHALL BE FITTED WITH A SEWER BACKFLOW PREVENTER VALVE AS APPROVED BY THE CITY OF ROSEVILLE. IT SHALL BE THE RESPONSIBILITY OF THE OWNER OF SAID DWELLING TO MAINTAIN THE VALVE AND PREVENT DAMAGE FROM OCCURRING THERETO. THE CITY OF ROSEVILLE SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OR PERFORMANCE OF THE VALVE, AND THE CITY OF ROSEVILLE SHALL NOT BE LIABLE FOR ANY DAMAGE OCCURRING TO ANY SUCH DWELLING OR ITS CONTENTS DUE TO FAILURE OF THE VALVE FOR ANY REASON WHATSOEVER.

LEGEND

* DENOTES SEWER BACKFLOW PREVENTER VALVE REQUIRED ON SANITARY SEWER CONNECTION BY THE CITY OF ROSEVILLE WITH THE BUILDING PERMIT AND MAINTAINED THEREAFTER BY THE OWNER.

N

0 40 80 160

SCALE: 1"=80'

FINAL MAP OF

SIERRA VISTA - FEDERICO

VILLAGE 22B

SUBDIVISION NO. PL17-0024

ALL OF LOT 6 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

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JUNE 2020

SHEET 5 OF 5 18254.FED.22B

COUNCIL COMMUNICATION

CC #: 1432
File #: 0400-04-09-01

Title:	Federico Phase 1 - Village 3 - Notice of Completion
Contact:	Andrew Druck 916-223-7577 adruck@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.9.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt the attached resolution accepting Federico Phase 1 - Village 3, CWJ#180088 as complete and authorizing the City Engineer to execute the Notice of Completion.

BACKGROUND

The Engineering Division has made a final inspection of the above project and has found the roadway infrastructure work complete in accordance with the improvement plans and City specifications.

FISCAL IMPACT

The actions requested as part of this action have no impact to the City's General Fund. Construction costs were paid by the developer.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of a Notice of Completion meets the above criteria and is not subject to CEQA. No additional environmental review is required.

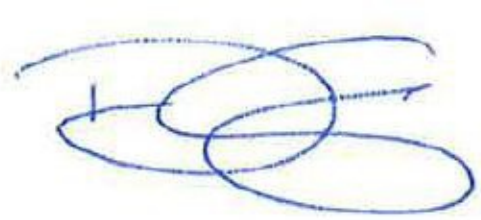
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Andrew Druck, Construction Inspector

Mike Isom, Development Services Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-186

NOC

Exhibit A

Final Map

RESOLUTION NO. 21-186

RESOLUTION OF THE COUNCIL OF THE CITY OF ROSEVILLE ACCEPTING THE PUBLIC WORK KNOWN AS FEDERICO PHASE 1 – VILLAGE 3 PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING AND DIRECTING THE CITY ENGINEER TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE, THEREFORE, AND ACCEPTING ALL DEDICATIONS OFFERED ON THE RECORDED MAP OF THE SUBDIVISION.

BE IT RESOLVED by the Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Federico Phase 1 – Village 3 is hereby approved and the public work accepted.

2. All rights of way and easements as offered on the final map of recorded with Placer County Recorder's Office Book FF of Maps, Page 11 is hereby accepted.

3. The City Engineer is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville, this_____day of_____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
CITY CLERK

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____

_____.

_____

City of Roseville
Owner

ATTEST:

_____
Sonia Orozco, City Clerk

State of California)
County of Placer)

I,_____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

_____

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Placer)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____,

20___, _____

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

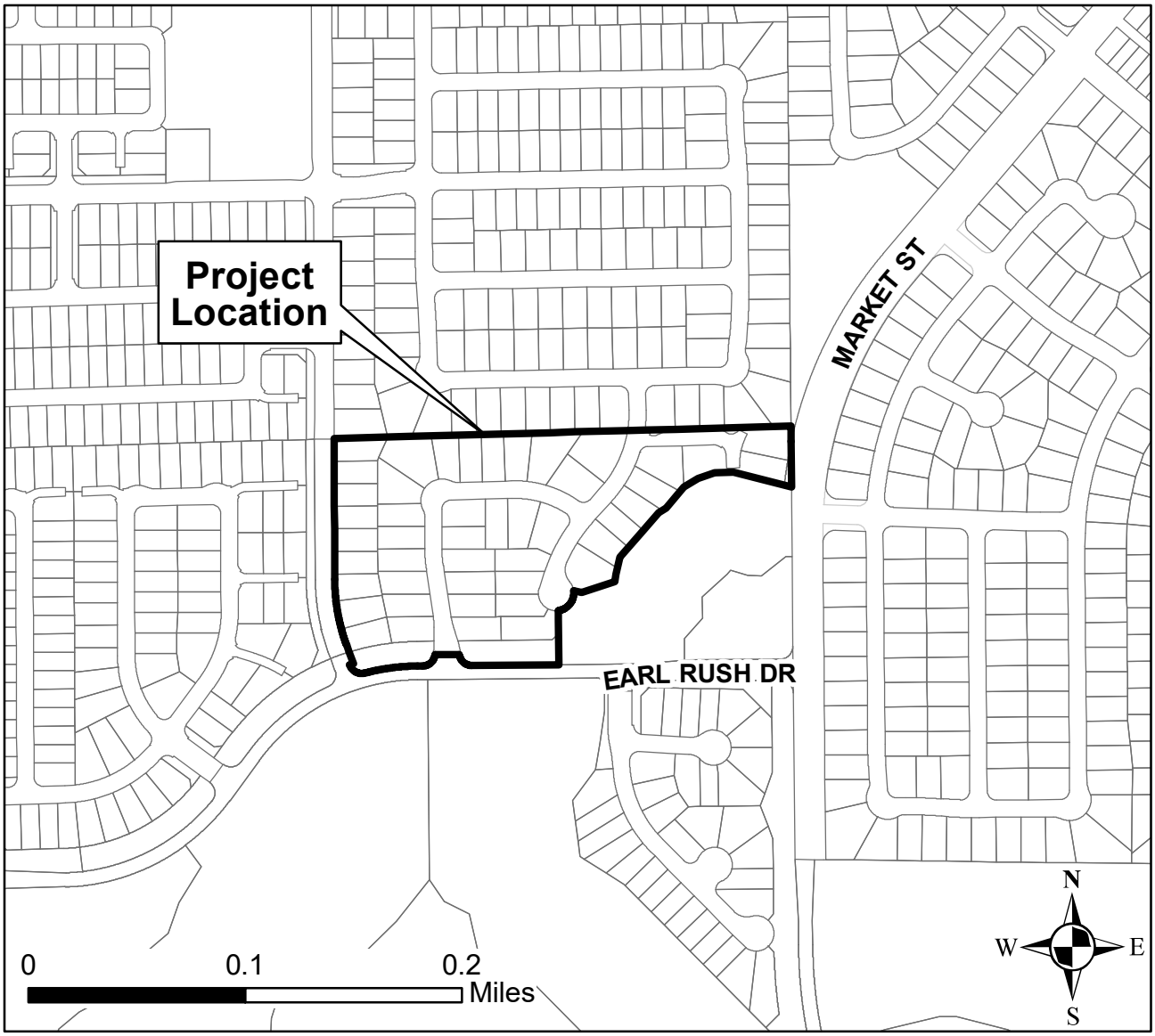
_____

Place Notary Seal and/or Stamp Above

Signature of Notary Public

EXHIBIT A

City of Roseville
Federico - Phase 1
Village 3



OWNER'S STATEMENT

THE UNDERSIGNED HEREBY CERTIFY THAT THEY ARE THE ONLY PERSONS HAVING ANY RECORD TITLE INTEREST IN THE REAL PROPERTY INCLUDED WITHIN THE SUBDIVISION SHOWN UPON THIS FINAL MAP OF ~~"FEDERICO - PHASE 1"~~ VILLAGE 3" AND THEY HEREBY CONSENT TO THE PREPARATION AND RECORDATION OF THIS FINAL MAP AND HEREBY OFFER FOR DEDICATION AND DO HEREBY DEDICATE FOR SPECIFIC PURPOSES THE FOLLOWING:

SIERRA VISTA - FEDERICO

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED AS EASEMENT FOR PUBLIC PURPOSES:

(A) PUBLIC EASEMENTS FOR THE INSTALLATION AND MAINTENANCE OF, BUT NOT LIMITED TO ELECTROLIERS, WATER AND GAS PIPES, SEWER AND DRAINAGE PIPES, AND FOR UNDERGROUND WIRE AND CONDUITS FOR ELECTRIC, TELEPHONE AND TELEVISION SERVICES AND TRAFFIC CONTROL APPURTENANCES TOGETHER WITH ANY AND ALL APPURTENANCES PERTAINING THERETO ON, OVER, UNDER AND ACROSS LOTS A, B, C & D AND THOSE STRIPS OF LAND LYING CONTIGUOUS TO THE RIGHT OF WAY AS SHOWN HEREON AND DESIGNATED "P.U.E." (PUBLIC UTILITY EASEMENT).

THE REAL PROPERTY DESCRIBED BELOW IS DEDICATED IN FEE FOR PUBLIC PURPOSES:

(A) AS PUBLIC RIGHT OF WAY (INCLUDING ALL IMPROVEMENTS THEREON) THE STREETS SHOWN HEREON AS NEW DAWN COURT, NEW DAWN STREET, SUMMERWIND DRIVE AND ZENITH COURT.

(B) LOTS A, B, C & D SHOWN HEREON TO THE CITY OF ROSEVILLE FOR LANDSCAPING AND AS PUBLIC RIGHTS-OF-WAY.

TAYLOR MORRISON OF CALIFORNIA, LLC
A CALIFORNIA LIMITED LIABILITY COMPANY

BY: _____
NAME: Jay Pawlek
TITLE: Vice President

BY: _____
NAME: Scott Carey
TITLE: Vice President

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Sacramento
ON June 18, 2020 BEFORE ME, L. Hall, A NOTARY PUBLIC
PERSONALLY APPEARED Jay Pawlek
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICAL SEAL.

L. Hall _____ L. Hall
SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Sacramento COUNTY
MY COMMISSION EXPIRES: August 5, 2022 MY COMMISSION NUMBER: 2249285

NOTARY'S ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY OR VALIDITY OF THAT DOCUMENT.

STATE OF CALIFORNIA
COUNTY OF Sacramento
ON June 18, 2020 BEFORE ME, L. Hall, A NOTARY PUBLIC
PERSONALLY APPEARED Scott Carey
WHO PROVED TO ME ON THE BASIS OF SATISFACTORY EVIDENCE TO BE THE PERSON(S) WHOSE NAME(S) IS/ARE SUBSCRIBED TO THE WITHIN INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE/SHE/THEY EXECUTED THE SAME IN HIS/HER/THEIR AUTHORIZED CAPACITY(IES), AND THAT BY HIS/HER/THEIR SIGNATURE(S) ON THE INSTRUMENT THE PERSON(S), OR THE ENTITY UPON BEHALF OF WHICH THE PERSON(S) ACTED, EXECUTED THE INSTRUMENT.

I CERTIFY UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING PARAGRAPH IS TRUE AND CORRECT.

WITNESS MY HAND AND OFFICAL SEAL.

L. Hall _____ L. Hall
SIGNATURE PRINTED NAME

MY PRINCIPAL PLACE OF BUSINESS IS Sacramento COUNTY
MY COMMISSION EXPIRES: August 5, 2022 MY COMMISSION NUMBER: 2249285

SURVEYOR'S STATEMENT

SIERRA VISTA - FEDERICO

THIS FINAL MAP OF ~~"FEDERICO - PHASE 1~~ VILLAGE 3" WAS PREPARED BY ME OR UNDER MY DIRECTION AND IS BASED UPON A FIELD SURVEY IN CONFORMANCE WITH THE REQUIREMENTS OF THE SUBDIVISION MAP ACT AND LOCAL ORDINANCES AT THE REQUEST OF MOURIER INVESTMENTS, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY AND WESTPARK SIERRA VISTA LLC, IN NOVEMBER 2017. I HEREBY STATE THAT THIS FINAL MAP SUBSTANTIALLY CONFORMS TO THE APPROVED OR CONDITIONALLY APPROVED TENTATIVE MAP. ALL MONUMENTS SHOWN HEREON ARE OF THE CHARACTER AND WILL OCCUPY THE POSITIONS INDICATED, OR WILL BE SET IN THOSE POSITIONS BY DECEMBER 31, 2021 AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

MACKAY & SOMPS CIVIL ENGINEERS, INC.

Paul Ferguson
PAUL FERGUSON, JR., PLS 9265
EXPIRATION DATE: MARCH 31, 2022

DATE: 6.17.20

LICENSED LAND SURVEYOR
PAUL FERGUSON, JR.
3.31.22
No. 9265
STATE OF CALIFORNIA

CITY ENGINEER'S STATEMENT

SIERRA VISTA - FEDERICO

I HEREBY STATE THAT I HAVE EXAMINED THIS FINAL MAP OF ~~"FEDERICO - PHASE 1~~ VILLAGE 3" AND FIND IT TO BE SUBSTANTIALLY THE SAME AS THE TENTATIVE MAP ON FILE AND ANY APPROVED ALTERATIONS THEREOF; THAT ALL PROVISIONS OF THE SUBDIVISION MAP ACT AND ALL APPLICABLE CITY ORDINANCES HAVE BEEN COMPLIED WITH.

_____ DATE: 6/23/20
MARC STOUT, R.C.E. 69879
CITY ENGINEER, CITY OF ROSEVILLE
LICENSE EXPIRES: SEPTEMBER 30, 2020

SIERRA VISTA - FEDERICO

I HEREBY STATE THAT I AM SATISFIED THIS FINAL MAP OF ~~"FEDERICO - PHASE 1~~ VILLAGE 3" IS TECHNICALLY CORRECT.

FOR MARC STOUT, CITY ENGINEER, CITY OF ROSEVILLE

_____ DATE: 6/24/20
TIMOTHY G. BLAIR, PLS 8278
EXPIRES DECEMBER 31, 2021

LICENSED LAND SURVEYOR
TIMOTHY G. BLAIR
Exp. 12-31-21
No. 8278
STATE OF CALIFORNIA

CITY CLERK'S STATEMENT

I HEREBY CERTIFY THAT THE CITY COUNCIL, CITY OF ROSEVILLE, HAS APPROVED THIS FINAL MAP OF ~~"FEDERICO - PHASE 1~~ VILLAGE 3", AND HAS ACCEPTED ON BEHALF OF THE PUBLIC, SUBJECT TO IMPROVEMENT, LOTS A, B, C & D, THE RIGHTS-OF-WAY AND EASEMENTS OFFERED HEREON FOR DEDICATION IN ACCORDANCE WITH THE TERMS OF THAT OFFER.

SIERRA VISTA - FEDERICO

_____
CITY CLERK, CITY OF ROSEVILLE

DATE: June 18, 2020 BY: _____
ASSISTANT CITY CLERK

RECORDER'S STATEMENT

FILED THIS 10th DAY OF September, 2020, AT 11:20 A .M. IN BOOK FF OF MAPS, AT PAGE 11, IN THE OFFICE OF THE PLACER COUNTY RECORDER, AT THE REQUEST OF MACKAY & SOMPS CIVIL ENGINEERS, INC.

Ryan Ronco DOCUMENT NO.: 2020-0098828
RECORDER OF PLACER COUNTY
STATE OF CALIFORNIA

BY: CV FEE: $ 95.00
DEPUTY

SIERRA VISTA - FEDERICO

FINAL MAP OF ~~PHASE 1~~

VILLAGE 3

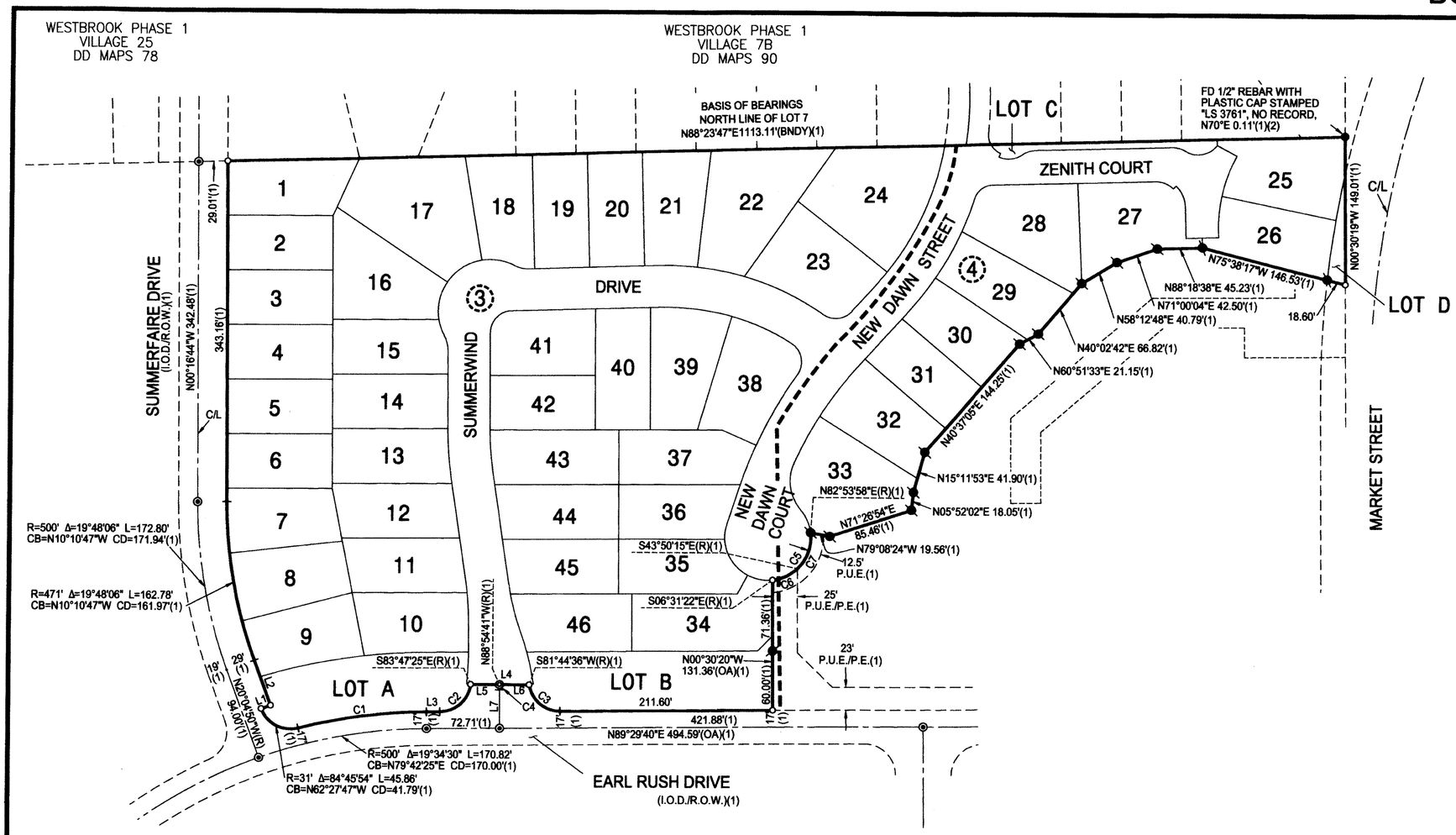
SUBDIVISION NO. PL17-0024

ALL OF LOT 7 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JUNE 2020

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189



BASIS OF BEARINGS:

THE BEARING N 88°23'47" E, BEING THE NORTH LINE OF LOT 7 AS SHOWN AND SO DESIGNATED ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO, LARGE LOT SUBDIVISION SUBDIVISION NO. PL15-0192", RECORDED ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6, PLACER COUNTY RECORDS. DISTANCES SHOWN HEREON ARE GROUND DISTANCES.

LEGEND

◉	FOUND COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 7944"(1)
◎	SET COPPERWELD SURVEY MONUMENT WITH CENTER PUNCH IN MONUMENT WELL STAMPED "LS 9265" PER CITY OF ROSEVILLE STANDARDS
⌀	FOUND 3/4" IRON PIPE WITH PLASTIC PLUG STAMPED "LS 7944"(1)
●	FOUND MONUMENT AS NOTED
o	DIMENSION POINT
BNDY	BOUNDARY
CB	CHORD BEARING
CD	CHORD DISTANCE
C/L	CENTERLINE
I.O.D.	IRREVOCABLE OFFER OF DEDICATION
L.E.	LANDSCAPE EASEMENT
(OA)	OVERALL
P.E.	PASEO EASEMENT
P.U.E.	PUBLIC UTILITY EASEMENT
(R)	RADIAL BEARING
R.O.W.	RIGHT-OF-WAY
S.F.	SQUARE FEET
(1)	DENOTES RECORD INFORMATION
(X)	SHEET NUMBER

REFERENCES:

(1) EE MAPS 6

NOTES:

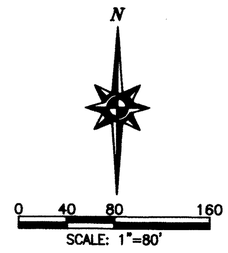
1. TOTAL AREA OF THIS SUBDIVISION IS 9.79± ACRES +/-, GROSS, CONSISTING OF 46 RESIDENTIAL LOTS AND 4 LANDSCAPE LOTS.
2. ALL CURVES ARE DIMENSIONED WITH RADIUS, DELTA, ARC LENGTH, CHORD BEARING AND CHORD LENGTH. ALL DISTANCES SHOWN ARE GROUND DISTANCES AND ARE IN FEET AND DECIMALS THEREOF. DUE TO ROUNDING, THE SUM OF INDIVIDUAL DIMENSIONS MAY NOT EQUAL THE OVERALL DIMENSION.
3. A PRELIMINARY SOILS REPORT WAS PREPARED BY YOUNGDAHL CONSULTING GROUP, INC. DATED FEBRUARY, 2017; PROJECT NUMBER E 16372.00 AND ON FILE WITH THE CITY OF ROSEVILLE DEVELOPMENT SERVICES - ENGINEERING DEPARTMENT, FILE No. 308-870.
4. ALL FRONT CORNERS ARE MARKED BY A 1" BRASS MARKER STAMPED "LS 9265" IN THE SIDEWALK ON THE EXTENSION OF SIDE LOT LINES 1.00' FROM THE PROPERTY LINE, WHERE SIDEWALK DOES NOT EXIST, FRONT CORNERS SHALL BE SET ON 0.33' EXTENSION IN THE TOP OF CURB, UNLESS OTHERWISE NOTED.
5. ALL REAR CORNERS AND ANGLE POINTS WILL BE SET WITH A 5/8" REBAR AND PLASTIC CAP STAMPED "LS 9265", WHERE REAR CORNER FALLS WITHIN A MASONRY RETAINING WALL, MASONRY SOUND WALL OR CONCRETE FOOTING, A 5/8" REBAR WITH PLASTIC CAP STAMPED "LS 9265" WILL BE SET ON THE SIDE LOT LINE 4.00 FOOT OFFSET TO THE REAR CORNER OR A BRASS TAG STAMPED "LS 9265" WILL BE SET WITH EPOXY TO THE FACE WALL 2.00 FOOT ABOVE GROUND OR ON TOP OF WALL WHERE AN OFFSET MONUMENT CANNOT BE SET.
6. THE TEMPORARY CONSTRUCTION AND ACCESS EASEMENT DESCRIBED IN DOCUMENT NO. 2017-0041424, O.R.P.C. IS FULLY CONTAINED WITHIN LOTS A , B AND C AND SHALL EXPIRE ONE YEAR FROM THE DATE OF THE CITY'S ACCEPTANCE OF IMPROVEMENTS PURSUANT TO THE TERMS OF THE AGREEMENT.
7. THE "RESERVED TEMPORARY ACCESS EASEMENT" DESCRIBED IN DOCUMENT NO. 2019-0032303, O.R.P.C. IS FULLY CONTAINED WITHIN THE SUMMERFAIRE DRIVE AND EARL RUSH DRIVE (FORMERLY FEDERICO DRIVE) RIGHTS-OF-WAY AS SHOWN ON EE MAPS 6.

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	517'	14°20'24"	129.40'	N82°19'28"E	129.06'(1)
C2	31'	83°17'05"	45.06'	N47°51'07"E	41.20'(1)
C3	31'	82°14'56"	44.50'	N49°22'52"W	40.78'(1)
C4	250'	00°34'59"	2.54'	N00°47'50"W	2.54'(1)
C5	43'	90°34'40"	67.98'	N38°11'18"E	61.12'(1)
C6	43'	37°18'53"	28.00'	N64°49'12"E	27.51'(1)
C7	43'	53°15'48"	39.97'	N19°31'52"E	38.55'(1)

LINE TABLE

#	BEARING	LENGTH
L1	N69°55'10"E(R)	10.00'(1)
L2	N20°04'50"W	48.29'(1)
L3	N89°29'40"E	13.18'(1)
L4	N89°57'30"W	58.20'(1)
L5	N89°57'30"W	28.73'(1)
L6	N89°57'30"W	29.47'(1)
L7	N00°30'20"W	41.56'(1)



FINAL MAP OF
SIERRA VISTA - FEDERICO
VILLAGE 3
SUBDIVISION NO. PL17-0024

ALL OF LOT 7 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

CITY OF ROSEVILLE • PLACER COUNTY • CALIFORNIA

JUNE 2020

MACKAY & SOMPS
ENGINEERS PLANNERS SURVEYORS
1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

BOOK FF OF MAPS, PAGE 11

BASIS OF BEARINGS N88°23'47"E 1113.11'(1) (OA)

SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

SEE SHEET 4

SUMMERFAIRE DRIVE (I.O.D./R.O.W.)(1)

SUMMERWIND DRIVE

NEW DAWN STREET

NEW DAWN COURT

EARL RUSH DRIVE (I.O.D./R.O.W.)(1)

LOT A 11,941 S.F. P.U.E./P.E.(1)

LOT B 14,417 S.F. P.U.E./P.E.(1)

CHORD TABLE

#	CHORD BEARING	CHORD LENGTH
C1	N26°35'55"E	128.80'
C2	N29°47'31"E	82.25'
C3	N11°02'07"W	31.88'
C4	N83°16'16"E	29.13'
C5	N39°58'27"E	17.95'
C6	N23°39'05"E	139.51'
C7	N25°29'42"E	156.82'
C8	N25°06'50"E	172.45'
C9	N27°39'30"E	146.77'
C10	N10°57'17"E	26.64'
C11	N29°48'31"E	166.45'
C12	N29°32'25"E	162.79'
C13	N41°32'58"E	3.75'

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C14	250'	07°53'31"	34.44'	N04°27'06"W	34.41'
C15	250'	11°16'09"	49.17'	N14°01'56"W	49.09'
C16	250'	07°53'31"	34.44'	N04°27'06"W	34.41'
C17	250'	07°18'32"	31.89'	N04°44'35"W	31.87'
C18	250'	00°34'59"	2.54'	N00°47'50"W	2.54'
C19	275'	11°24'36"	54.76'	N13°57'42"W	54.67'

0 20 40 80

SCALE: 1"=40'

FINAL MAP OF SIERRA VISTA - FEDERICO

VILLAGE 3

SUBDIVISION NO. PL17-0024

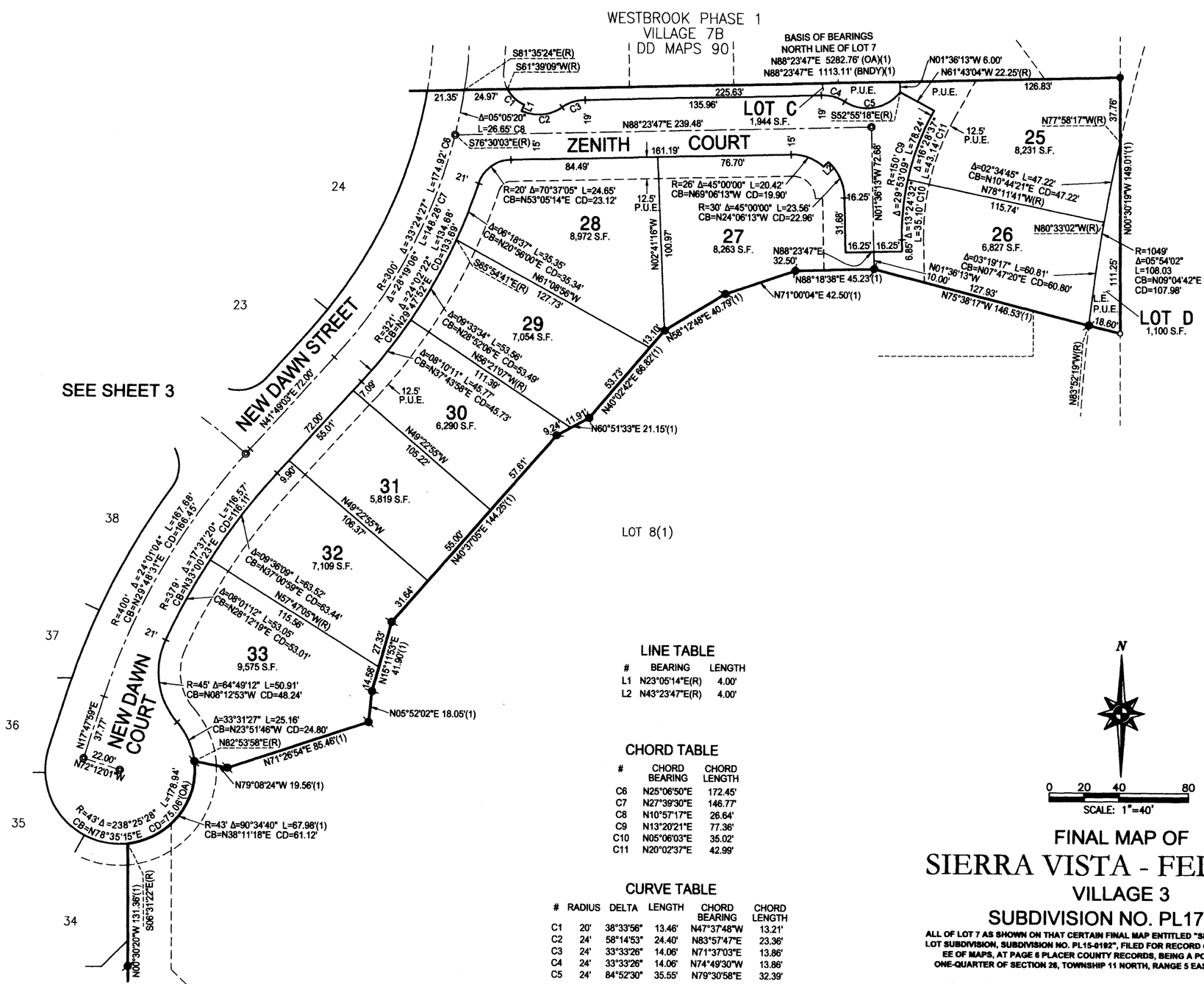
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1025 Creekside Ridge Drive, Suite 150, Roseville, CA 95678 (916) 773-1189

JUNE 2020

 18254.FED.03



LINE TABLE

#	BEARING	LENGTH
L1	N23°05'14"E(R)	4.00'
L2	N43°23'47"E(R)	4.00'

CHORD TABLE

#	CHORD BEARING	CHORD LENGTH
C6	N25°06'50"E	172.45'
C7	N27°39'30"E	146.77'
C8	N10°57'17"E	26.64'
C9	N13°20'21"E	77.36'
C10	N05°06'03"E	35.02'
C11	N20°02'37"E	42.99'

CURVE TABLE

#	RADIUS	DELTA	LENGTH	CHORD BEARING	CHORD LENGTH
C1	20'	38°33'56"	13.46'	N47°37'48"W	13.21'
C2	24'	58°14'53"	24.40'	N83°57'47"E	23.36'
C3	24'	33°33'26"	14.06'	N71°37'03"E	13.86'
C4	24'	33°33'26"	14.06'	N74°49'30"W	13.86'
C5	24'	84°52'30"	35.55'	N79°30'58"E	32.39'

N

0 20 40 80

SCALE: 1"=40'

FINAL MAP OF
SIERRA VISTA - FEDERICO
VILLAGE 3
SUBDIVISION NO. PL17-0024

ALL OF LOT 7 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

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JUNE 2020

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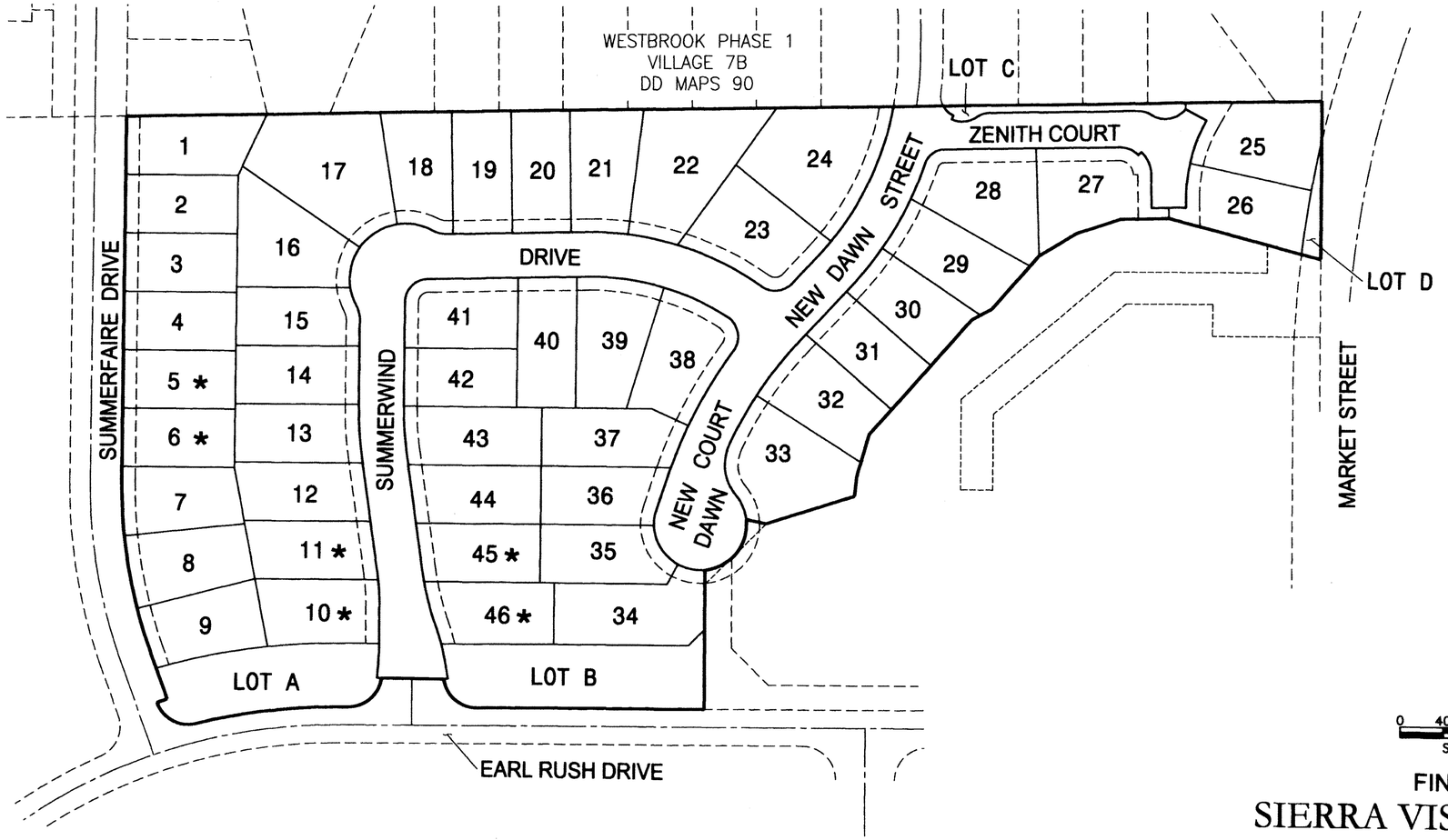
SEE SHEET 2 FOR BASIS OF BEARINGS, LEGEND, NOTES AND REFERENCES.

LEGEND

* DENOTES SEWER BACKFLOW PREVENTER VALVE REQUIRED ON SANITARY SEWER CONNECTION BY THE CITY OF ROSEVILLE WITH THE BUILDING PERMIT AND MAINTAINED THEREAFTER BY THE OWNER.

ADDITIONAL INFORMATION FOR INFORMATIONAL PURPOSE ONLY PURSUANT TO SECTION 66434.2 OF THE GOVERNMENT CODE

EACH RESIDENTIAL DWELLING CONSTRUCTED ON ANY OF THE LOTS INDICATED SHALL BE FITTED WITH A SEWER BACKFLOW PREVENTER VALVE AS APPROVED BY THE CITY OF ROSEVILLE. IT SHALL BE THE RESPONSIBILITY OF THE OWNER OF SAID DWELLING TO MAINTAIN THE VALVE AND PREVENT DAMAGE FROM OCCURRING THERETO. THE CITY OF ROSEVILLE SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OR PERFORMANCE OF THE VALVE, AND THE CITY OF ROSEVILLE SHALL NOT BE LIABLE FOR ANY DAMAGE OCCURRING TO ANY SUCH DWELLING OR ITS CONTENTS DUE TO FAILURE OF THE VALVE FOR ANY REASON WHATSOEVER.



N

0 40 80 160

SCALE: 1"=80'

FINAL MAP OF

SIERRA VISTA - FEDERICO

VILLAGE 3

SUBDIVISION NO. PL17-0024

ALL OF LOT 7 AS SHOWN ON THAT CERTAIN FINAL MAP ENTITLED "SIERRA VISTA - FEDERICO LARGE LOT SUBDIVISION, SUBDIVISION NO. PL15-0192", FILED FOR RECORD ON FEBRUARY 16, 2018 IN BOOK EE OF MAPS, AT PAGE 6 PLACER COUNTY RECORDS, BEING A PORTION OF THE SOUTHEAST ONE-QUARTER OF SECTION 26, TOWNSHIP 11 NORTH, RANGE 5 EAST, MOUNT DIABLO MERIDIAN.

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JUNE 2020

 18254.FED.03

COUNCIL COMMUNICATION

CC #: 1430
File #: 0704-01

Title:	Cresthaven Tennis Court Renovation Project - Notice of Completion
Contact:	Heather Buck 916-774-5254 hcbuck@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.10.

RECOMMENDATION TO COUNCIL

The Parks, Recreation & Libraries Department recommends that City Council accept the Cresthaven Tennis Court Renovation Project as complete and adopt a resolution authorizing the Parks, Recreation & Libraries Director to execute the attached Notice of Completion.

BACKGROUND

The Parks, Recreation & Libraries Department has made a final inspection of the Cresthaven Tennis Court Renovation Project and has found that all contract work has been completed in accordance with the improvement plans and specifications. The project is now ready for acceptance. The project included removal and replacement of the existing tennis court surfacing, new striping for one tennis court and two pickleball courts, and new seating. In accordance with City specifications, the contractor shall guarantee the installation of these improvements for a period of twelve (12) months from the date of this Notice of Completion.

FISCAL IMPACT

Funding for the park improvements was provided through the Parks, Recreation & Libraries Capital Projects Fund. Funding for maintenance of the existing neighborhood park is funded by the General Fund and will remain unchanged.

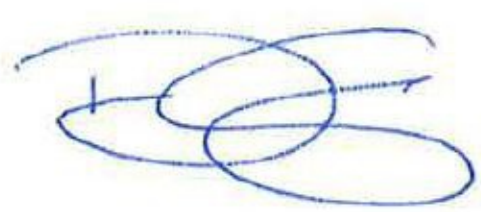
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of a Notice of Completion meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Heather Buck, Park Development Project Manager

Jill Geller, Director, Parks, Recreation & Libraries



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-184

Notice of Completion

RESOLUTION NO. 21-184

ACCEPTING THE PUBLIC WORK KNOWN AS THE CRESTHAVEN TENNIS COURT RENOVATION PROJECT, APPROVING THE "NOTICE OF COMPLETION", AND AUTHORIZING THE PARKS, RECREATION AND LIBRARIES DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE

BE IT RESOLVED by the City Council of the City of Roseville as follows:

1. The "Notice of Completion" on file in the City Clerk's Department relative to that public work known as the Cresthaven Tennis Court Renovation Project, has been approved and the public work accepted.

2. The Parks, Recreation and Libraries Director is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this_____day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

RECORDING REQUESTED BY AND WHEN
RECORDED MAIL TO:

CITY CLERK
CITY OF ROSEVILLE
311 VERNON STREET
ROSEVILLE, CA 95678

Exempt from recording fees
Pursuant to Gov't Code §27383

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the public work of improvement known as the _____ Project was completed and accepted by the City of Roseville on _____. The location is situated in the City of Roseville, County of Placer, State of California and is indicated on the attached map, marked as Exhibit "A" and incorporated herein by this reference. The real property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA 95678.

The direct/general contractor on said project was _____.

The surety on said project was _____

_____.

_____

City of Roseville
Owner

ATTEST:

_____
Sonia Orozco, City Clerk

State of California)
County of Placer)

I,_____, being first duly sworn, depose and say: I am the _____ of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

_____

City of Roseville

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Placer)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____,

20___, _____

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

_____

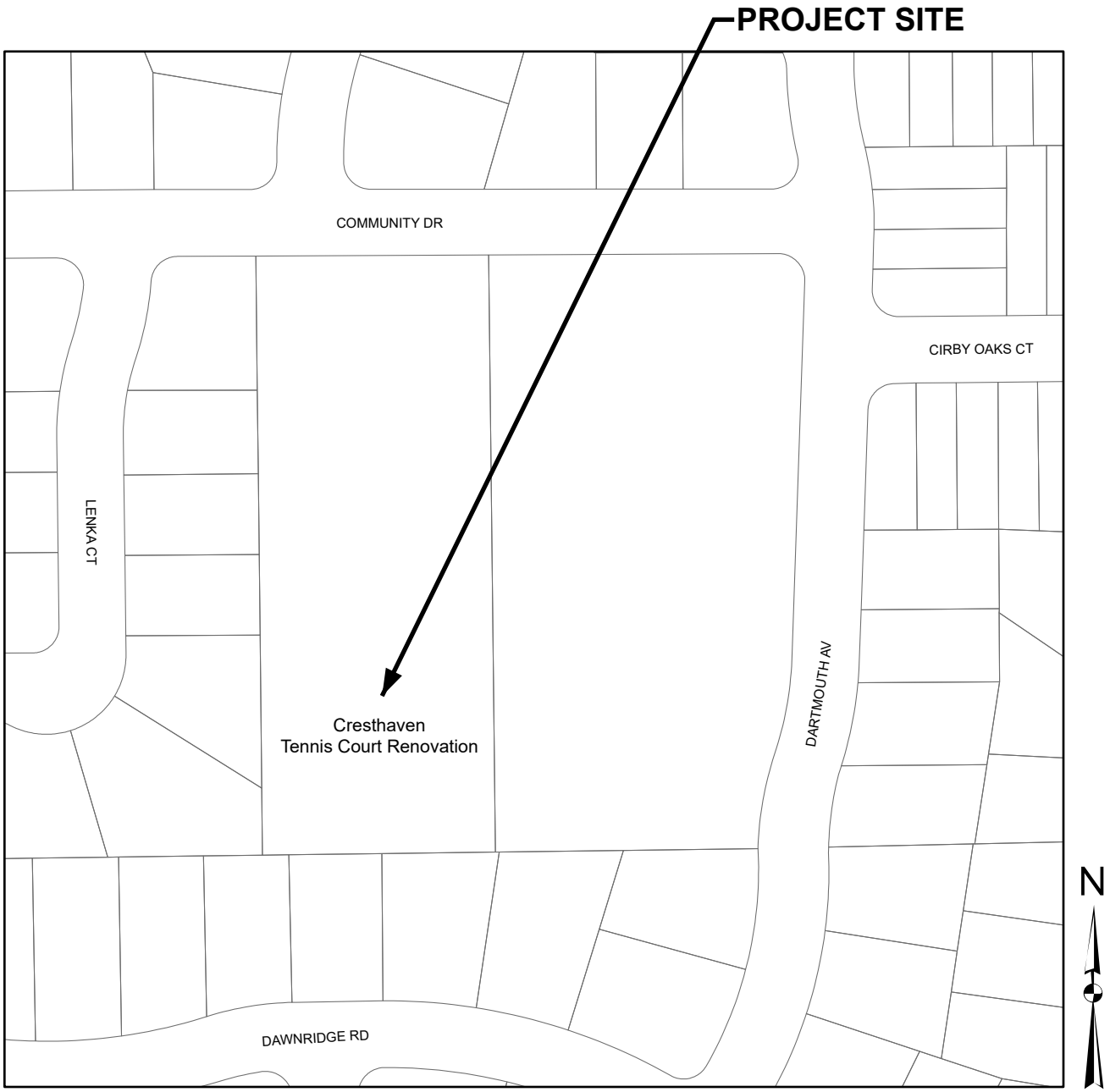
Place Notary Seal and/or Stamp Above

Signature of Notary Public

Exhibit A

Cresthaven Tennis Court Renovation

The project included the removal and replacement of the existing tennis court surfacing, new striping to include one tennis court and two pickleball courts, and new seating.



COUNCIL COMMUNICATION

CC #: 1439
File #: 0707

Title: Roseville Aquatics Complex - Concession Agreement
Contact: Jeff Nereson 916-774-5974 jnereson@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.11.

RECOMMENDATION TO COUNCIL

Recommend the City Council adopt a resolution approving an agreement with Dave's Dawgs, LTD LLC granting an exclusive revocable license to operate a concession stand at the Roseville Aquatics Complex, and authorizing the City Manager to execute it on behalf of the City of Roseville. In addition, staff requests Council authorize the City Manager or his designee to approve two (2) additional one (1) year renewals without further Council approval.

BACKGROUND

In March 2021, the City of Roseville issued a "Request for Proposal" (RFP) #13-096 for qualified food concession contractors to operate a food and beverage snack bar at the Roseville Aquatics Complex. The contractor is expected to provide all personnel, labor, equipment, materials, tools, services and special skills required to upgrade and to operate the concession facility. This contract will be from date of award through September 30, 2022. Two additional one-year renewals could potentially extend this contract through September of 2024.

Dave's Dawgs has been providing concession services at the Roseville Aquatics Complex since 2016. Prior to contracting the concessions operations, staff saw a steady decline in sales at the snack bar. Staff had attempted to apply different approaches throughout the years with limited success. To be successful, the department would need to dedicate a fulltime staff member to this program, and the City did not and currently does not have the resources to do that. Therefore, the City decided to contract this function to an outside entity. Contracting concessions has allowed a time savings of about 20% for recreation staff during a critical time of the summer, and has kept the added value of concessions at the pool.

Dave's Dawgs has been in the concession business since 2002, providing food and beverage services to thousands of customers. They have proven to be a good partner and have provided quality concession services at the Roseville Aquatics Complex. This local, family-owned business understands the importance of good customer service.

FISCAL IMPACT

Dave's Dawgs' proposal includes that the City will receive 15% of all net sales. Net sales shall be defined as gross sales, less the cost of goods sold and payroll expense. There is no impact to the General Fund associated with this agreement as the revenue is already included in the budget.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.
The Concession Agreement meets the above criteria and is not subject to CEQA. No additional environmental review is required.

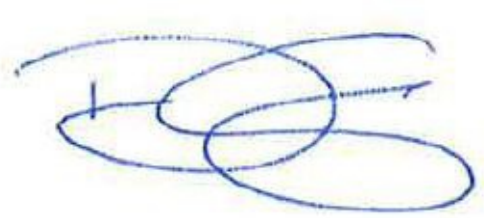
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal D - Enhance economic vitality
Goal E - Deliver exceptional city services

Respectfully Submitted,

Jeff Nereson, Parks, Recreation & Libraries Superintendent

Jill Geller, Parks, Recreation & Libraries Director



_____
Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-189

Agreement

RESOLUTION NO. 21-189

APPROVING AN AGREEMENT GRANTING AN EXCLUSIVE REVOCABLE LICENSE TO OPERATE A CONCESSION STAND AT THE ROSEVILLE AQUATICS COMPLEX, BY AND BETWEEN THE CITY OF ROSEVILLE AND DAVE'S DAWGS, LTD LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an agreement granting an exclusive revocable license to operate a concession stand at the Roseville Aquatics Complex, between the City of Roseville and Dave's Dawgs, LTD LLC, has been reviewed by the Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to execute two (2) additional one (1) year renewals without further City Council approval.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

AGREEMENT GRANTING AN EXCLUSIVE REVOCABLE

LICENSE TO OPERATE A CONCESSION STAND

AT THE ROSEVILLE AQUATICS COMPLEX

THIS AGREEMENT is made and entered into this ___ day of _____, 2021, by and between the City of Roseville, a municipal corporation ("CITY"), and Dave's Dawgs LTD LLC, a California limited liability company ("LICENSEE"); and

W I T N E S S E T H:

WHEREAS, in March 2021, CITY issued a Request for Proposals #13-096 ("RFP") for concession stand services at the Roseville Aquatics Complex ("RAC"); and

WHEREAS, LICENSEE prepared a proposal dated March 21, 2021 which describes the scope of work to be performed by LICENSEE; and

WHEREAS, LICENSEE is qualified and experienced to provide concession stand services; and

WHEREAS, CITY desires that LICENSEE operate the concession stand services at the RAC and LICENSEE agrees to perform such services pursuant to the terms of this AGREEMENT.

NOW, THEREFORE, the parties agree as follows:

1. License. CITY hereby awards to LICENSEE, and LICENSEE hereby accepts, an exclusive revocable license to operate a concession stand ("the Stand") at the RAC in accordance

with the relevant portions of its proposal attached hereto as EXHIBIT "A" and incorporated herein by this reference.

2. Term. The term of this Agreement shall commence on May 6, 2021 and expire on September 30, 2022. This Agreement may be extended for up to two (2) additional one (1) year terms, one (1) year at a time, in CITY's sole discretion through its City Manager or designee.

3. Maintenance, Repair and Utilities. LICENSEE shall provide custodial services of the interior of the Stand. CITY shall be responsible for maintaining and repairing the Stand and CITY owned foodservice equipment to the extent needed maintenance or repairs are not caused by LICENSEE's negligence or intentional misconduct. LICENSEE shall be responsible for maintenance and repairs caused by LICENSEE's negligence or intentional misconduct. CITY shall also furnish the Stand with all necessary utilities.

4. Seating Area and Trash Removal. CITY shall be responsible for setting up the seating area. The area in which the Stand is located, including the seating area, shall be kept free of trash or litter and maintained by CITY in a safe, neat, clean and orderly condition. CITY shall provide adequate garbage cans for the use of customers and shall be responsible for removal of garbage from the RAC.

5. Equipment, Merchandise and Fixtures. Except for the foodservice equipment listed in the RFP to be supplied by CITY, LICENSEE shall provide, at no expense to CITY, any other equipment necessary for the operation of the Stand. LICENSEE shall be responsible for maintaining and repairing LICENSEE owned or supplied foodservice equipment. No merchandise other than food or drink shall be sold without the written consent from the Parks, Recreation & Libraries Director, or his or her designee (the "Director). No permanent fixtures of any type shall be installed or placed by LICENSEE on or in the Stand.

6. Consideration. For the 2021-2022 Season, CITY shall receive 15% of all Net Sales. Net Sales shall be defined as the gross sales less the cost of goods sold and payroll expenses. CITY's portion of Net Sales shall be paid to CITY on September 30th of each year.

7. Prices. Prices to be charged for food and drink shall be subject to the written consent of the Director. The Director may also require that a price list be posted on the Stand for the benefit of the public. No other signs shall be permitted without the written consent of the Director.

8. Hours of Operation. At a minimum, LICENSEE shall operate the Stand during seasonal recreational swim times at the RAC. Additional hours of operation will be as negotiated between CITY and LICENSEE.

9. Alcohol Prohibited. No alcoholic beverages shall be consumed at or sold at the Stand.

10. Glass Prohibited. No merchandise sold by LICENSEE shall be given to the customers in glass bottles or containers.

11. Indemnification. To the fullest extent allowed by law, LICENSEE shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of LICENSEE's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

LICENSEE's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The

defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

12. Insurance. LICENSEE agrees to continuously maintain, in full force and effect, at a minimum the following policies of insurance during the term of this Agreement.

COVERAGE	LIMITS OF LIABILITY
Workers Compensation	Statutory
Commercial General Liability	$3,000,000 each occurrence $6,000,000 aggregate Personal Injury: $3,000,000 each occurrence $6,000,000 aggregate
Automobile Liability	$1,000,000 combined single limit

a. Form. LICENSEE shall submit a certificate evidencing such coverage for the period covered by this Agreement and in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. LICENSEE shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents and employees as additional insureds for each type of coverage, except for Workers' Compensation. Such insurance shall specifically cover the contractual liability of LICENSEE. The additional insured coverage under the LICENSEE's policy shall be primary and noncontributory and shall not seek contribution from CITY's insurance or self-insurance. In addition, the additional insured coverage shall be at least as broad as the ISO CG 20 01 Endorsement. It shall be a requirement under this Agreement that any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and

limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. LICENSEE shall provide thirty (30) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY's own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. LICENSEE agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Subcontractors hired by LICENSEE agree to be bound to LICENSEE and CITY in the same manner and to the same extent as LICENSEE is bound to CITY under this Agreement. Subcontractor further agrees to include these same provisions with any tertiary subcontractor. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions ("SIR") must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full

certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. LICENSEE hereby agrees to waive subrogation which any insurer of LICENSEE may acquire from LICENSEE by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents and employees for all worked performed by LICENSEE, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve LICENSEE of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

13. Permits and Licenses. LICENSEE shall obtain at its own expense any and all permits and licenses which may be required by law or ordinance (including, without limitation by reason of enumeration, City of Roseville business licenses) in the conduct of the Stand and shall pay any and all taxes which may be assessed against it for whatever purposes in the operation of said concession. LICENSEE shall obtain the consent of the Placer County Health Department before and during the operation of the Stand.

14. Compliance with Laws. LICENSEE shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

15. Ability to Perform. LICENSEE agrees and represents that it has the time, ability and expertise to perform the services required under this Agreement.

16. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern.

17. Assignment. LICENSEE shall not sell, lease, assign or sublet any rights under this License Agreement without the prior written consent of CITY.

18. Independent Contractor. LICENSEE shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

19. Termination of Agreement. Either party may terminate this Agreement without cause by giving the other party thirty (30) days advance written notice.

20. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance thereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

21. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

22. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

23. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE	LICENSEE
Jill Geller Parks, Recreation & Libraries Director 316 Vernon Street Ste. 400 Roseville, CA 95678	Dave and Emily Clover Dave's Dawgs 465 Homestead Court Lincoln, CA 95648

Either party may amend its address for notice by giving notice to the other party in writing.

24. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ___ day of _____, 2021, and LICENSEE has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

DAVE'S DAWGS LTD LLC, a
California limited liability company

BY: Emily Clover
its: MEMBER

and

BY: _____
its: MEMBER

[SIGNATURES CONTINUED ON FOLLOWING PAGE]

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____
JILL GELLER
Parks, Recreation & Libraries Director

EXHIBIT "A"

Tab D

Project Understanding

Based on available information, field observation and hands on experience at this location, Dave's Dawgs will operate a concession stand at the Roseville Aquatic Center.

Open during recreational swim times, the snack bar is geared toward children and families. Providing quality hot food, snacks and cold beverages, we strive to deliver speedy order fulfillment and friendly, helpful customer service.

The facility will be kept clean and maintained by Dave's Dawgs and their assigned staff.

Dave's Dawgs has or shall acquire necessary city, state and county permits for the purpose of food sales and concession operations.

Tab E

Project Plan

OUR MISSION STATEMENT

To provide quality products and outstanding service at a fair price

Dave's Dawgs has been able to operate the Roseville Aquatic Center Concession successfully and profitably by utilizing a simple, yet comprehensive menu.

We have organized the snack bar so that most days, one qualified employee is able to maintain our stated food quality and service objectives. Additional employees are scheduled to accommodate special events and large programs.

It is our goal to staff the facility with the same two or three employees on a rotating schedule in order to maintain continuity of operations and a consistent level of service and product quality.

Inventory management will be the responsibility of the Snack Bar Manager. Dave's Dawgs is committed to providing the freshest, best quality products available, featuring Hebrew National's 100% Kosher Beef hot dog, Evergood specialty sausages, as well as name brand drinks, condiments and snack products. Cognitive of changing nutritional demands, our menu also includes a Veggie dog option and healthy snacks.

Tab F

Cost Proposal

The following page contains the probable menu for Contract Term 2021.
Dave's Dawgs reserves the right to revise the menu prior to the start of each contract period.

Consideration to City

A Sales Report, in spreadsheet format, will be submitted on or before September 30th of each contract year. All consideration due to the City will be paid with the submission of the Sales Report.

Net Sales shall be defined as:

	Gross Sales
Less	Applicable sales tax
Less	$1500 offset for the Cost of Excess Liability Insurance as required by City of Roseville
Less	Cost of Goods Sold (COGS)
Less	Payroll Expense (estimated at $3500/per contract term)

City will receive Fifteen percent (15%) of Net Sales earned at the Roseville Aquatic Center Concession .

COUNCIL COMMUNICATION

CC #: 1451
File #: 0900-04-01

Title:	Sun City - Phase I Resurfacing Project - Road Maintenance and Rehabilitation Account Project Identification
Contact:	Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.12.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council adopt a resolution, as required by Senate Bill 1 (SB 1), identifying the Sun City Phase I - Resurfacing Project for use of the City's 2021-2022 funding allotment from the State Road Maintenance & Rehabilitation Account (RMRA) Fund.

BACKGROUND

Senate Bill 1 (SB 1), the Road Repair and Accountability Act of 2017, was signed into law in April of 2017 to address the budget shortfall for maintenance of existing infrastructure throughout the State. As part of the legislation, local agencies are required to list all proposed projects scheduled to receive SB 1 funding by resolution prior to receiving an apportionment of RMRA in a fiscal year. The funding is restricted for use on street maintenance, rehabilitation, safety, and transit projects. The California Transportation Commission issued the requirement that project lists for the 2021-2022 fiscal year are due by July 1, 2021. The attached resolution fulfills that requirement.

The scope of the Sun City Phase I - Resurfacing Project includes the removal and replacement of failed asphalt roadway sections as well as the application of preventative maintenance surface treatments to a portion of the Sun City neighborhood. The streets scheduled to receive the maintenance and resurfacing application are shown on the attached Exhibit A.

The estimated useful life of these improvements is 7 to 10 years. Construction is scheduled to begin in late summer of 2021 and be completed in the fall of 2021. This project is part of the City's proactive street pavement maintenance program designed to seal, protect, and preserve the underlying pavement by placing relatively affordable asphalt resurfacing products. Preventative maintenance surface treatments provide a waterproof membrane to protect the existing asphalt surfaces and extend the life of the underlying pavement. This keeps our streets in good condition avoiding pavement failures that would require more costly rehabilitation and reconstruction.

The City maintains a pavement management software database to help guide staff as to which streets should be resurfaced in any given year based on field inspections and pavement condition

data collected at 3-year intervals. The goal is to resurface streets in a systematic way that ensures we get the most out of the City's limited funding over the long term.

FISCAL IMPACT

The engineer's estimate for this project is $4,420,000 and is proposed to be funded by $2,729,000 from the Road Maintenance & Rehabilitation Account (RMRA - also know as SB 1) Fund, with the remaining cost covered by Highway Users Tax and Roadway funds. A budget adjustment from those funds will be brought to Council for approval at the time of construction. No General Fund resources will be used on the project.

ENVIRONMENTAL REVIEW

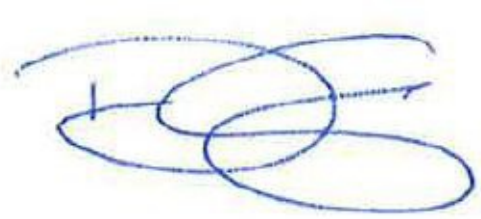
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

The requested action for the Sun City Phase I - Resurfacing Projects meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Jesse Khatkar, Assistant Engineer

Jason Skykowski, Public Works Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-197

Exhibit A - Location Map

RESOLUTION NO. 21-197

ADOPTING THE SUN CITY – PHASE 1 RESURFACING PROJECT
FUNDED BY SENATE BILL 1:
THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017

WHEREAS, Senate Bill 1 (SB-1), the Road Repair and Accountability Act of 2017 (Chapter 5, Statutes of 2017) was passed by the Legislature and Signed into law by the Governor in April 2017 in order to address the significant multi-modal transportation funding shortfalls statewide; and

WHEREAS, SB-1 includes accountability and transparency provisions that will ensure the residents of our City are aware of the projects proposed for funding in our community and which projects have been completed each fiscal year; and

WHEREAS, the City must adopt a list of projects proposed to receive funding from the Road Maintenance and Rehabilitation Account (RMRA) created by SB-1 by resolution, which must include a description and the location of each proposed project, a proposed schedule for the project's completion, and the estimated useful life of the improvement; and

WHEREAS, the City will receive an estimated $2,729,000 in RMRA funding in Fiscal Year 2021-22 from SB-1; and

WHEREAS, this is the fourth year in which the City is receiving SB-1 funding and will enable the City to continue essential road maintenance and rehabilitation projects, safety improvements, repairing and replacing aging bridges, and increasing access and mobility options for the traveling public that would not have otherwise been possible without SB-1; and

WHEREAS, the City used a Pavement Management System to help develop the SB-1 project list to ensure revenues are being used on the most high-priority and cost-effective projects that also meet the communities priorities for transportation investment; and

WHEREAS, the funding from SB-1 will help the City maintain and rehabilitate roads throughout the City this year and many similar projects into the future; and

WHEREAS, the 2018 California Statewide Local Streets and Roads Needs Assessment found that the City's streets and roads are in an "at-risk" condition and this revenue will help us increase the overall quality of our road system; and

WHEREAS, the SB-1 project list and overall investment in our local streets and roads infrastructure with a focus on basic maintenance and safety, investing in complete streets infrastructure, and using cutting-edge technology, materials and practices, will have significant positive co-benefits statewide.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville, as follows:

1. The foregoing recitals are true and correct.

2. The fiscal year 2021-22 list of projects planned to be funded with Road Maintenance and Rehabilitation Account revenues include:

   The Sun City – Phase 1 Resurfacing Project is planned to be funded with Road Maintenance and Rehabilitation Account revenues. It includes removal and replacement of failed asphalt concrete roadway sections and the application of a preventative maintenance surface treatment. The maintenance surface treatment will provide a waterproof membrane to protect the existing asphalt surfaces and extend the life of the underlying pavement. The streets scheduled to receive the maintenance and resurfacing application are shown on the attached Exhibit A. The estimated useful life of these improvements is 7 to 10 years. Construction is scheduled to begin in the late summer of 2021 and be completed in the fall of 2021.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

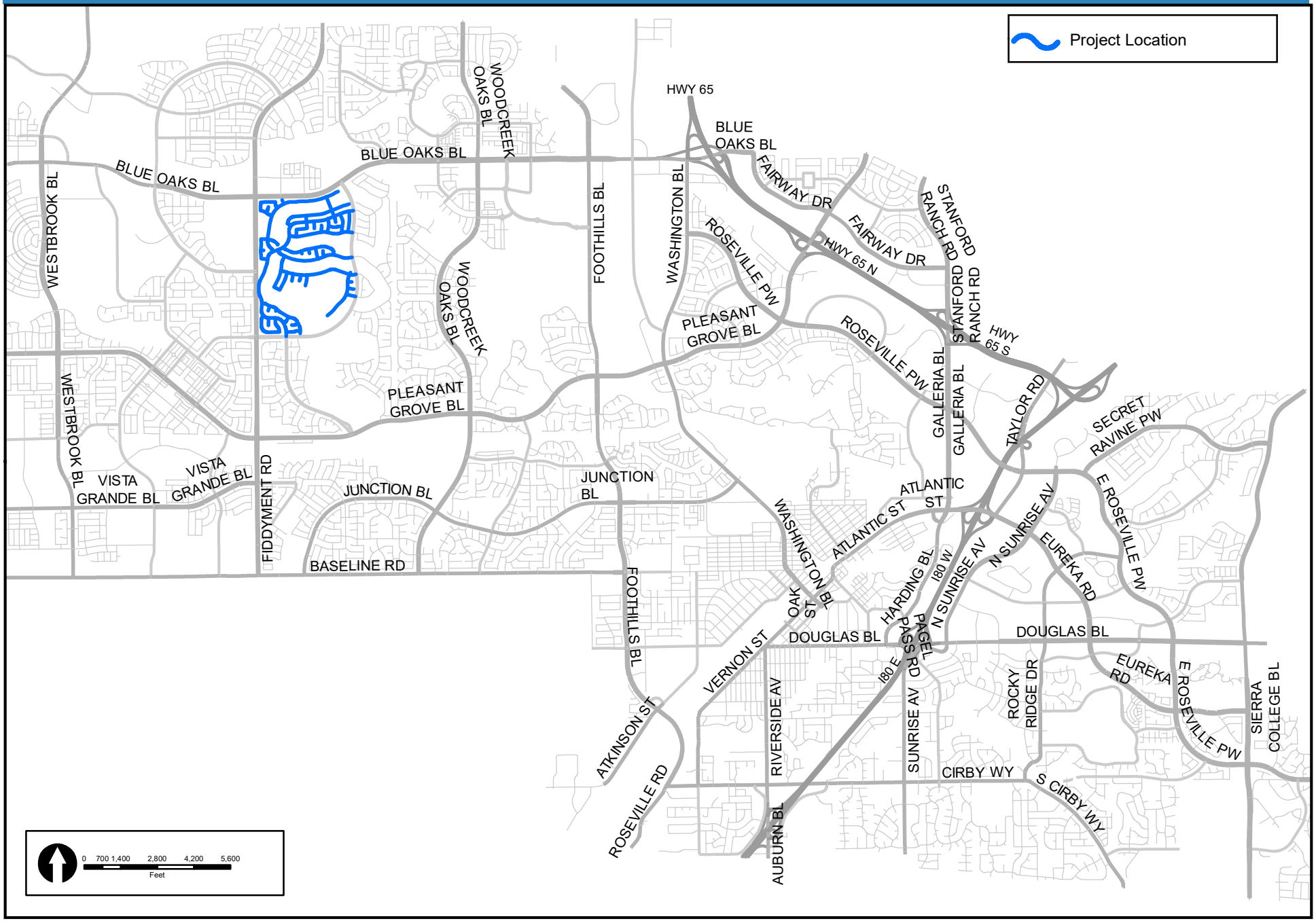
ATTEST:

_____
City Clerk

CITY OF ROSEVILLE CALIFORNIA

Sun City Phase I

Public Works - Engineering



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COUNCIL COMMUNICATION

CC #: 1447
File #: 0800-03

Title:	Northern California Power Agency - Support Services Program Agreement
Contact:	Brian Schinstock 916-746-1658 bschinstock@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.13.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution to increase the approval authority of the Electric Utility Director and City Attorney for executing Northern California Power Agency (NCPA) Support Services Program Agreement (SSPA) agreements to $74,999 in order to be consistent with City Ordinance No. 6329, and authorize the City Manager to execute the Signatory Member Execution Page of the Support Services Program Agreement.

BACKGROUND

In 2016, Roseville entered into the SSPA with NCPA (resolution 16-428) to utilize various support services available through NCPA. Examples of services are joint purchasing, engineering services, transmission and distribution planning, power marketing and analysis, employee training, employment and human relations assistance, customer services and billing, metering and data management, and power plant operations.

Roseville will execute a written confirmation for each individual support service in which it elects to participate. Each confirmation will identify the support service being provided, the third party providing the service, and the cost limitation. The agreement allows for those services to be entered into with not-to-exceed amounts on the signature of the Electric Utility Director and City Attorney. To be consistent with the new City Ordinance No. 6329, staff recommends increasing the not-to-exceed amount to $74,999. All other terms will remain the same.

FISCAL IMPACT

There is no fiscal impact associated with increasing the not-to-exceed amount as it is only an enabling agreement.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not

considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of the support services program agreement meets the above criteria and is not subject to CEQA. No additional environmental review is required.

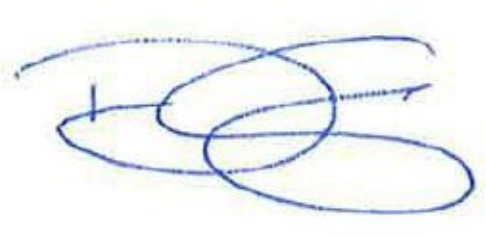
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world

Respectfully Submitted,

Brian Schinstock, Electric Resource Analyst

Michelle Bertolino, Electric Utility Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-194

NCPA SSPA Exhibit A- Signatory Member Execution Page

RESOLUTION NO. 21-194

APPROVING A SUPPORT SERVICES PROGRAM AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND NORTHERN CALIFORNIA POWER AGENCY, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, on October 5, 2016, Council adopted Resolution No. 16-428 which authorized the City Manager to execute the Support Services Program Agreement (SSPA) with Northern California Power Agency (NCPA), and appointed the Electric Utility Director and the City Attorney as designated representatives of the SSPA with authority to execute confirmations of $50,000 or less; and

WHEREAS, staff wishes to increase the authority of the Electric Utility Director and the City Attorney to execute confirmations in the amount of $74,999 or less in order to be consistent with City Ordinance 6329; and

WHEREAS, an SSPA regarding various support services available through NCPA, by and between the City of Roseville and NCPA, has been reviewed by the City Council.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the City Manager is authorized to execute the Signatory Member Execution Page of the Support Services Program Agreement.

BE IT FURTHER RESOLVED that the Electric Utility Director and the City Attorney have authority to execute confirmations for amounts not to exceed $74,999 per confirmation as representatives of the NCPA.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

NORTHERN CALIFORNIA POWER AGENCY
SUPPORT SERVICES PROGRAM AGREEMENT
Signatory Member Execution Page

The Support Services Program Agreement is hereby approved, executed and joined by the following NCPA Member as a Signatory Member:

City of Roseville [Name of NCPA Member Agency]

1. The Designated Representatives of the Signatory Member who are jointly authorized to execute Confirmations on behalf of the Signatory Member are:

Utility Director
Michelle Bertolino

City Attorney
Robert Schmitt

2. The Designated Representatives are authorized to jointly execute any given individual Confirmation for Support Services on behalf of the Signatory Member which does not exceed $ 74,999 .

The NCPA Support Services Program Agreement was approved on _____ __, 20__ by Resolution no. _____ of the _____ _____ [Name of Governing Body of Signatory Member, e.g., "city council" or "board of directors"].

By:_____ [Signature of person executing]
Its:_____ [Title of person executing]

Attest:

_____ [Signature of Person Attesting to Approval]
Its: _____ [Title of Person Attesting]

Approved as to Form:

By: _____
Title: _____

COUNCIL COMMUNICATION

CC #: 1435
File #: 0800-03

Title:	Network Integration Transmission Service - Service Agreement Amendment
Contact:	Brian Schinstock 916-746-1658 bschinstock@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.14.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution authorizing the City Manager to execute Amendment 1 to the Network Integration Transmission Service (NITS) with the United States Department of Energy, Western Area Power Administration, Sierra Nevada Region (WAPA).

BACKGROUND

WAPA is a federal agency that owns and operates several hundred miles of transmission facilities in Northern California. Roseville's electric system is connected to the WAPA transmission system in order to import and export energy at Roseville's two receiving stations. Under WAPA's Open Access Transmission Tariff (OATT), Roseville has the ability to contract for a variety of transmission services in the form of enabling agreements. For access to power suppliers and the ability to import electricity, Roseville utilizes its NITS agreement with WAPA.

The NITS agreement lists the network resources, and Amendment 1 reflects the increased output capability of Roseville Energy Park (REP) from the recent gas turbine upgrades (resolution 20-206). The upgrade increased the plant's capacity from 160 MW to 170 MW. All other terms and conditions remain the same.

FISCAL IMPACT

There is no fiscal impact associated with the Amendment as it only updates the capacity of REP.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of an amendment to the Network Integration Transmission Service meets the above criteria and is not subject to CEQA. No additional environmental review

is required.

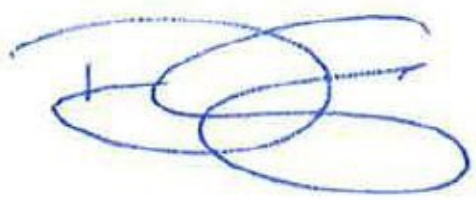
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Brian Schinstock, Electric Resource Analyst

Michelle Bertolino, Electric Utility Director



_____
Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-188

WAPA NITS - Cover Letter

14-SNR-01857 Amendment 1 WAPA NITS

RESOLUTION NO. 21-188

APPROVING AMENDMENT 1 TO THE SERVICE AGREEMENT FOR NETWORK INTEGRATION TRANSMISSION SERVICE, BY AND BETWEEN THE CITY OF ROSEVILLE AND THE UNITED STATES DEPARTMENT OF ENERGY, WESTERN AREA POWER ADMINISTRATION, SIERRA NEVADA REGION, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, the Network Integration Transmission Service allows the City of Roseville to import electricity into Roseville's service territory; and

WHEREAS, this amendment will conform the network resources listed in Contract (14-SNR-01857) to Roseville's current capacity; and

WHEREAS, Amendment 1 to the Service Agreement for Network Integration Transmission Service, by and between the City of Roseville and the United States Department of Energy, Western Area Power Administration, Sierra Nevada Region, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said amendment is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

Department of Energy
Western Area Power Administration
Sierra Nevada Region
114 Parkshore Drive
Folsom, CA 95630-4710

Sent via E-Mail

Ms. Michelle Bertolino
Electric Utility Director
City of Roseville
Electric Department
2090 Hilltop Circle
Roseville, CA 95747

Dear Ms. Bertolino:

Enclosed is Amendment 1 to Contract 14-SNR-01857 (Amendment 1), Service Agreement for Network Integrated Transmission Service (NITS), between Western Area Power Administration, Sierra Nevada Region (WAPA), and the City of Roseville (Roseville), as part of Western's Open Access Transmission Tariff. The NITS agreement reflects Roseville's requested Designated Network Resources and Designated Network Loads.

Roseville is completing a significant outage at Roseville Energy Park (REP). Therefore, the updated parts and emissions tuning will increase the plant capability under optimal conditions from about 160 to 170 megawatts (MW). Amendment 1 reflects the updated MW quantity for REP in Section 4 of the Specifications for the NITS under the Service Agreement.

If the terms of Amendment 1 are acceptable, please have the appropriate official sign and date, have the signatures attested, and return to Mr. Joshua Blake, mail code N6205 at this office or jblake@wapa.gov. Upon signature by WAPA, we will send you a fully executed Amendment 1. If you have any questions, please call Ms. Padmini Palwe at (916) 353-4555 or palwe@wapa.gov.

Sincerely,

Bryan W. Griess
Vice President of Operations
for Sierra Nevada Region

Enclosure

Amendment 1 to the
Service Agreement for Network Integration
Transmission Service
(Specifications for Network Integration Transmission Service)

1.0 Western Area Power Administration (Transmission Provider or WAPA) and City of Roseville (Transmission Customer) are parties to Service Agreement 14-SNR-01857 (Service Agreement). Under the Service Agreement, the Transmission Provider will provide Network Integration Transmission Service over the Transmission Provider's Transmission System to deliver capacity and energy from the Transmission Customer's designated Network Resources to the Transmission Customer's designated Network Load. The Transmission Provider will also provide non-firm transmission service from non-designated Network Resources under the terms of this Service Agreement.

2.0 The Transmission Customer is closing out a significant outage at Roseville Energy Park (REP). Therefore, the updated parts and emissions tuning will increase the plant capability under optimal conditions from about 160 to 170 megawatts (MW).

3.0 Therefore, under this Amendment 1 to the Service Agreement, the Parties agree to update the Transmission Customer's Estimated Generation (MW) for REP in Section 4.0 under the Specifications for Network Integration Transmission Service with the following:

4.0 Behind the Meter Generation:

Designated Behind the Meter Generation	Estimated Generation (MW)	Point of Delivery	Meter Number	Voltage (kV)
Roseville Power Plant #2	50	Roseville	59-100-72 59-100-73	230
Roseville Energy Park	170	Fiddyment	59-105-97 59-105-99 59-106-01	230

4.0 Execution by Counterparts: This Amendment may be executed in any number of counterparts and, upon execution and delivery by each Party, the executed and delivered counterparts together shall have the same force and effect as an original instrument as if all Parties had signed the same instrument. Any signature page of this Amendment may be detached by any counterpart of this

Amendment without impairing the legal effect of any signatures thereon, and may be attached to another counterpart of this Amendment identical in form hereto, by having attached to it one or more signature pages.

5.0 Electronic Signatures: The Parties agree that this Amendment may be executed by handwritten signature or digitally signed using Adobe Sign or Adobe E-Signature. An electronic or digital signature is the same as a handwritten signature and shall be considered valid and acceptable.

IN WITNESS WHEREOF, the parties have caused this Amendment 1 to the Service Agreement 14-SNR-01857 to be executed by their respective authorized officials.

WESTERN AREA POWER ADMINISTRATION

By:_____
Name: Bryan W. Griess
Title: Vice President of Operations
Sierra Nevada Region
Address: 114 Parkshore Drive
Folsom, CA 95630
Date:_____

CITY OF ROSEVILLE

Attest

By:_____
Name:_____
Title:_____

By:_____
Name:_____
Title:_____
Address:_____
_____
Date:_____

COUNCIL COMMUNICATION

CC #: 1448
File #: 0800-02

Title:	Pleasant Grove Wastewater Treatment Plant Energy Recovery Project - Pacific Gas & Electric Agreement
Contact:	Tracie Mueller 916-774-5688 trmueller@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.15.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve the Pacific Gas & Electric Company (PG&E) Agreement for Transportation of Natural Gas for Compression as a Motor-Vehicle Fuel for the Pleasant Grove Wastewater Treatment Plant Energy Recovery Project (Exhibit A) and adopt a resolution authorizing the City Manager to execute the agreement on behalf of the City. Staff anticipates the cost of the agreement to be approximately $5,000 in FY2020-21 and approximately $8,000 in FY2021-22.

BACKGROUND

The Pleasant Grove Wastewater Treatment Plant (PGWWTP) Energy Recovery Project (ERP) is being constructed on City-owned property located adjacent to, and immediately south of, the existing PGWWTP boundary. The ERP will add energy recovery facilities at the PGWWTP that will beneficially utilize digester gas (which has a high methane fraction) produced by the new treatment processes constructed as part of the PGWWTP Expansion Project (which is being constructed simultaneously but as a separate construction project).

The ERP includes the following facilities: microturbines, receiving facility for High Strength Waste (such as pre-processed food waste and fats, oils and grease), systems for conditioning and upgrading the digester gas to produce renewable compressed natural gas r(CNG) to be used by the City's Waste Service's collection vehicles, a fueling station, and associated parking.

The PGWWTP ERP will require natural gas service from Pacific Gas and Electric Company (PG&E) to the ERP Compressed Natural Gas Fueling Station. Natural gas from PG&E is needed to supplement the digester gas flow from the PGWWTP Expansion Project to meet vehicle fuel demands at the high-pressure compressors. Initially, the CNG fueling station will depend solely on natural gas because the digester gas will not be available from the PGWWTP Expansion Project until early 2022. Once the digester gas is available, the natural gas from PG&E will only be used when maintenance or repairs are needed on the digester gas system. The PG&E Agreement for Transportation of Natural Gas for Compression as a Motor-Vehicle Fuel Approval (Exhibit A) is required for this natural gas service.

The natural gas service described above will be transported by PG&E through the new PG&E gas metering and regulating facility constructed in the summer and fall of 2019 on the Energy Recovery Project site.

FISCAL IMPACT

The cost for the PG&E gas service to be supplied under this agreement will be funded by the Waste Services Operations Fund. Since this is an ongoing service agreement, the operating expenses will be budgeted annually in the Waste Services Operations Fund. The cost will be based on natural gas usage at PG&E's Gas Schedule G-NGV1 Core Natural Gas Service for Compression on Customers' Premises rates. It is anticipated that approximately $5,000 of the existing FY2020-21 Waste Services Operations Fund and approximately $8,000 of the planned FY2021-22 Waste Services Operations Fund will be paid to PG&E under this agreement.

ENVIRONMENTAL REVIEW

Implementation of the PGWWTP Energy Recovery Project, including the PG&E facilities installed to provide the gas service included in the agreement, were previously evaluated in the Pleasant Grove Wastewater Treatment Plant Expansion and Energy Recovery Projects Final Initial Study/Mitigated Negative Declaration (IS/MND) (SCH# 2016122040) (certified by the City Council on April 6, 2017), and the Addendum to the IS/MND (SCH# 2016122040) (certified by the City Council on November 7, 2018). The improvement plans are consistent with the project evaluated in the certified Final IS/MND and the Addendum, and consequently no additional CEQA action is required for approval of this PG&E agreement.

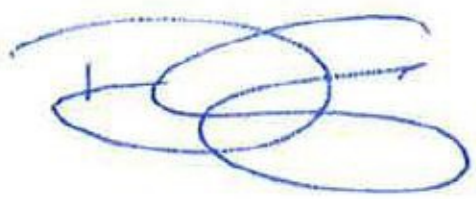
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Tracie Mueller, Senior Engineer

Richard Plecker, Environmental Utilities Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-195

PG&E Agreement for Transportation of Natural Gas for Compression as a Motor-Vehicle Fuel

RESOLUTION NO. 21-195

APPROVING A PACIFIC GAS & ELECTRIC AGREEMENT FOR TRANSPORTATION OF NATURAL GAS FOR COMPRESSION AS A MOTOR-VEHICLE FUEL, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSVILLE

WHEREAS, the City of Roseville owns and operates the Pleasant Grove Wastewater Treatment Plant (PGWWTP); and

WHEREAS, the PGWWTP Energy Recovery Project (ERP) is being constructed on City-owned property located adjacent to the existing PGWWTP boundary; and

WHEREAS, the PGWWTP ERP will require natural gas service from Pacific Gas and Electric Company (PG&E) to the ERP Compressed Natural Gas Fueling Station to supplement the digester gas flow from the PGWWTP Expansion Project to meet vehicle fuel demands at the high-pressure compressors; and

WHEREAS, the City is required to execute a Pacific Gas & Electric Agreement for Transportation of Natural Gas for Compression as a Motor-Vehicle Fuel.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Pacific Gas & Electric Agreement for Transportation of Natural Gas for Compression as a Motor-Vehicle Fuel is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

ATTEST: _____ MAYOR

_____
City Clerk

AGREEMENT FOR TRANSPORTATION OF NATURAL GAS FOR COMPRESSION AS A MOTOR-VEHICLE FUEL

GENERAL

1. This Agreement, between Pacific Gas and Electric Company (PG&E), a California corporation, and _____(Customer), a(n) _____ is for natural gas service for compression for use as a motor-vehicle fuel at Customer's premises located at: _____
(street, city, state, and zip code)
2. Customer agrees to purchase and PG&E agrees to provide natural gas service pursuant to the terms of this Agreement and to experimental-rate Schedule G-NGV1, or its successor.
3. This Agreement includes, where applicable, Exhibit A (Rate Schedule G-NGV1 Customer Communications). The Exhibit is incorporated into and made a part of this Agreement. The Exhibit may be amended from time to time in accordance with this Agreement. Attached to this Agreement, for illustrative purposes, are all applicable PG&E gas rules and rate schedules in effect at the time of this Agreement execution.
4. Both Customer and PG&E agree to abide by the terms of the above rate Schedule and its successor, as well as all effective rules in PG&E's gas tariff schedules.

FACILITIES

5. PG&E shall not be obligated to furnish facilities in addition to standard metering and pressure regulating equipment to provide service under rate Schedule G-NGV1. Where additional facilities are required, they will be treated as special facilities in accordance with PG&E's gas Rule 2, Description of Service.
6. Delivery of natural gas shall be at the point where pipes owned, leased or under license by Customer contact PG&E's pipes.

BILLING

7. PG&E will bill customer at the applicable rate(s) set forth above for the total natural gas service during the billing period.
8. PG&E will send the Customer's bill to the address specified in Exhibit A. After service has been initiated, the billing addresses may be modified by calling PG&E's NGV Support Team at 1-800-684-4648.

† Information collected on this form is used in accordance with PG&E's Privacy Policy. The Privacy Policy is available at pge.com/privacy

TERM AND TERMINATION

9. The initial term of this Agreement shall be 12 months commencing on the day PG&E's gas meter is installed. This Agreement shall continue on a month-to-month basis until terminated by either party upon thirty (30) days prior written notice.

COMMUNICATIONS

10. Any communications or modifications concerning Exhibit A, shall be in writing or in electronic form via an E-mail or an Internet message with the exception that billing address changes must be made by calling PG&E NGV Support Team at 1-800-684-4648. Formal communications are to be as specified in Exhibit A, and deemed effective when received.

RIGHTS TO DATA

11. PG&E has the right to collect, use, or distribute all vehicle performance data relating to the Customer's compressed natural gas (CNG) vehicle operations.

ASSIGNMENT

12. This Agreement may not be assigned by either party without the written consent of the other. If this Agreement is assigned, it shall be binding on the party to which it is assigned. Assignment of this Agreement shall not release the assigning party from any of its obligations under this Agreement unless such a release is agreed to in writing by the other party and the assuming party.

EXCLUSIVE NATURE AND INTERPRETATIONS

13. This Agreement does not change the obligations, restrictions or rights contained in other agreements between the parties unless expressly indicated in this Agreement. Customer and PG&E agree that all understandings between them regarding this Agreement are set forth or referenced in this Agreement. No agreements, representations, memoranda, or other forms of communication, written or oral, exchanged before the signing of this Agreement, shall be grounds for altering or interpreting the terms of this Agreement.

14. This Agreement shall be interpreted under the laws of the State of California, excluding any choice of law rules which may direct the application of the laws of another jurisdiction. This Agreement and

the obligations of the two parties are subject to all valid laws, orders, rules, and regulations of the authorities having jurisdiction over this Agreement (or the successors of those authorities).

REGULATORY

15. This Agreement shall at all times be subject to any changes or modifications the California Public Utilities Commission may direct from time to time in the exercise of its jurisdiction. Such changes or modifications may be to this Agreement or to PG&E's applicable tariff schedules. PG&E shall notify the Customer of any such changes or modifications which may affect Customer's obligations under this Agreement.

	PACIFIC GAS AND ELECTRIC COMPANY
(Customer)	
(Signature)	(Signature)
(Type/Print Name)	(Type/Print Name)
(Title)	(Title)
(Federal Tax ID)	(Date)
(Date)	

Incorporated Attachment: Exhibit A – Rate Schedule G-NGV1 Customer Communications
Illustrative Attachments: Rate Schedule G-NGV1; Gas Rules 2, 14

AGREEMENT FOR TRANSPORTATION OF NATURAL GAS FOR COMPRESSION AS A MOTOR-VEHICLE FUEL

Pacific Gas and Electric Company

EXHIBIT A
RATE SCHEDULE G-NGV1 CUSTOMER COMMUNICATIONS

CUSTOMER NAME: _____

SERVICE ADDRESS: _____

DIRECTIONS: Any of the names or addresses listed below may be changed upon receipt of written notification from Customer with the exception that billing address changes may be made by PG&E at 1-800-743-5000. Customer can only designate on "customer formal communications" address.

CUSTOMER FORMAL COMMUNTICATIONS:

CUSTOMER NAME: _____
MAILING ADDRESS: _____
CITY/STATE/COUNTY: _____ ZIP CODE: _____
CONTACT: _____
PHONE NO.: (_____) _____
ALTERNATE NO.: (_____) _____
EMAIL ADDRESS: _____

CUSTOMER BILLING ADDRESS:

CUSTOMER NAME: _____
MAILING ADDRESS: _____
CITY/STATE/COUNTY: _____ ZIP CODE: _____
CONTACT: _____
PHONE NO.: (_____) _____
ALTERNATE NO.: (_____) _____
EMAIL ADDRESS: _____

PG&E FORMAL COMMUNICATIONS:

PG&E CONTACT: NGV Support Team
AREA: Company wide
MAILING ADDRESS: 4180 Duluth Ave
CITY/STATE/COUNTY: Rocklin
ZIP CODE: 95765
ATTENTION: NGV Support Team
PHONE NO.: (800) 684-4648 # 4
EMAIL ADDRESS: NGVinfo@pge.com

GAS SCHEDULE G-NGV1 Sheet 1
CORE NATURAL GAS SERVICE
FOR COMPRESSION ON CUSTOMERS' PREMISES

APPLICABILITY: This rate schedule[1] applies to natural gas service to Core End-Use Customers on PG&E's Transmission and/or Distribution Systems. Service is for uncompressed natural gas for the sole purpose of compressing it for use as a motor-vehicle fuel. Compression of natural gas to the pressure required for its use as motor-vehicle fuel will be performed by the Customer's equipment at the Customer's designated premises only.

Per D. 15-10-032 and D. 18-03-017, transportation rates include GHG Compliance Cost for non-covered entities. Customers who are directly billed by the Air Resources Board (ARB), i.e., covered entities, are exempt from paying AB 32 GHG Compliance Costs through PG&E's rates.[2] A "Cap-and-Trade Cost Exemption" credit for these costs will be shown as a line item on exempt customers' bills. [3,4]

TERRITORY: Schedule G-NGV1 applies everywhere PG&E provides natural gas service.

RATES: Customers on this schedule pay a Customer Charge, a Procurement Charge and a Transportation Charge, per meter, as specified below. Customers that have executed a Request for Reclassification from Noncore Service to Core Service (Form 79-983) will pay the Customer Charge and Transportation Charge shown below. Such Customers will pay the Procurement Charge specified in Schedule G-CPX for any of the first twelve (12) regular monthly billing periods that they are taking core procurement service from PG&E. After the twelfth regular monthly billing period, such Customers will pay the Procurement Charge specified on this schedule.

	Per Day	
Customer Charge:	$0.44121	
	Per Therm	
Procurement Charge:	$0.35715	(R)
Transportation Charge:	$0.55521	(I)
Total:	$0.91236	(R)
Cap-and-Trade Cost Exemption (per therm):	$0.07366	

The Cap-and-Trade Cost Exemption is applicable to customers who are identified by the California Air Resources Board (CARB) as being Covered Entities for their Greenhouse Gas (GHG) emissions as part of the Cap-and-Trade program. Applicable Cap-and-Trade Cost Exemptions may be provided from the date CARB identifies a customer as being a Covered Entity, or provided based upon documentation satisfactory to the Utility for the time period for which the customer was a Covered Entity, whichever is earlier.

---

1 PG&E's gas tariffs are available online at www.pge.com.

2 Covered entities are not exempt from paying costs associated with LUAF Gas and Gas used by Company Facilities.

3 The exemption credit will be equal to the effective non-exempt AB 32 GHG Compliance Cost Rate ($ per therm) included in Preliminary Statement – Part B, multiplied by the customer's billed volumes (therms) for each billing period.

4 PG&E will update its billing system annually to reflect newly exempt or newly excluded customers to conform with lists of Directly Billed Customers provided annually by the ARB.

(Continued)

GAS SCHEDULE G-NGV1 Sheet 2
CORE NATURAL GAS SERVICE
FOR COMPRESSION ON CUSTOMERS' PREMISES

RATES (CON'T): Public Purpose Program Surcharge: (L)

Customers served under this schedule are subject to a gas Public Purpose Program (PPP) Surcharge under Schedule G-PPPS.

The Customer's total charges are subject to adjustment for the applicable proportionate part of any taxes or governmental imposition which may be assessed on the basis of the gross revenues from such sales.

See Preliminary Statement, Part B for the Default Tariff Rate Components.

The Procurement Charge on this schedule is equivalent to the rate shown on informational Schedule G-CP—Gas Procurement Service to Core End-Use Customers.

SERVICE AGREEMENT: Customers must execute an Agreement For Supply of Natural Gas for Compression as a Motor-Vehicle Fuel (Form No. 79-755) in order to receive service under this rate schedule.

METERING REQUIREMENTS: Service under this schedule must be metered by a separate gas meter.

ALTERNATIVE PROCUREMENT OPTIONS: Customers may procure gas supply from a party other than PG&E by taking service on this schedule in conjunction with Schedule G-CT—Core Gas Aggregation Service. Customers who procure their own gas supply will not pay the Procurement Charge component of this rate schedule and will be subject to the applicable rates specified in Schedule G-CT.

Customers taking service on this schedule in conjunction with Schedule G-CT, or in conjunction with noncore service, will be subject to a franchise fee surcharge under Schedule G-SUR for gas volumes purchased from parties other than PG&E and transported by PG&E.

Service under this schedule may also be taken in conjunction with procurement service from a party other than PG&E if: (1) the Customer is taking noncore service at the same premises, and (2) the Customer executes a Natural Gas Service Agreement (Form No. 79-756) with PG&E. Service will be provided in increments of one year. If there is a difference between actual deliveries and actual usage, such differences will be subject to the terms and conditions of Schedule G-BAL. Customers who procure their own gas supply will not pay the Procurement Charge component of this schedule.

Transportation volumes will be subject to a shrinkage allowance in accordance with Rule 21.*

The Customer may, at its option, receive firm interstate capacity directly assigned by PG&E as provided in Rule 21.1.

CURTAILMENT OF SERVICE: Service under this rate schedule may be curtailed. See Rule 14 for details. (L)

* The rules referred to in this schedule are part of PG&E's gas tariffs. PG&E's gas tariffs are available online at www.pge.com. (T) (T)

GAS RULE NO. 2 Sheet 1
DESCRIPTION OF SERVICE

A. GENERAL

1. GAS SOURCE

The gas supplied by PG&E is obtained from California Production and from outside of the state of California. This gas may consist of, but not be limited to, any combustible gas or gases so produced, altered only by removal of any condensible constituents or of injurious impurities and by the addition of a warning odorant. Customers using gas supplied by PG&E for processes that are affected by impurities in excess of specified minimum levels are responsible for testing gas supplied and for rendering the gas suitable for their intended uses. (T) (T)

Except as provided in this Rule, the utility makes no warranties as to the nature, composition, or properties of the gas supplied, and the obligations set forth in this Rule are exclusive and in lieu of all other warranties, guaranties, or liabilities, express or implied, arising by law or otherwise (including without limitation any obligations of the utility with respect to fitness, merchantablility, and consequential damages). (T)

2. BILLING VOLUME

Gas volumes for billing purposes shall be determined by applying the monthly metered volume to any applicable conversion adjustment factors in accordance with this Rule. (T)

3. HEATING VALUE

The heating value of gas as supplied by PG&E will vary from time to time and from place to place depending upon the sources being drawn upon. The normal range of heating value is from 750 to 1150 BTU per standard cubic foot of gas at 14.73 psia and 60 degrees Fahrenheit (dry basis). (T)

4. GAS DELIVERIES

a. GAS SERVICE STANDARDS

Gas deliveries shall be in conformance with the standards specified in the California Public Utilities Commission, General Orders No. 58-A and 58-B. (T)

(Continued)

GAS RULE NO. 2 Sheet 2
DESCRIPTION OF SERVICE

A. GENERAL (Cont'd.)

4. GAS DELIVERIES (Cont'd.)

b. STANDARD DELIVERY PRESSURE

Gas will normally be delivered at PG&E's standard delivery pressure of seven inches of water column. This pressure supplied to domestic and commercial customers shall not vary more than fifty percent above or below the standard delivery pressure. No variation in pressure from the standard pressure of two inches or more of water column shall occur in a time less than fifteen minutes, excepting momentary fluctuations on individual services caused by the operations of customer's appliances or fluctuations caused by reasonable gas regulator buildups. (T)

c. HIGHER-THAN-STANDARD DELIVERY PRESSURE

Upon request of the customer and at the option of PG&E, gas will be delivered at a pressure higher than standard delivery pressure where such higher pressure is available from existing facilities. PG&E, however, retains the right to decrease at any time the higher delivery pressure to a delivery pressure not less than the standard delivery pressure.

5. APPLIANCE INSPECTION

PG&E will inspect and adjust as necessary its customers' gas appliances in order to assure satisfactory pilot and/or burner flame characteristics for safe and proper operation whenever a changed gas supply is determined by PG&E to not be interchangeable with the previous gas supply.

(Continued)

GAS RULE NO. 2 Sheet 3
DESCRIPTION OF SERVICE

B. DETERMINATION OF THERMS TO BE BILLED

The BTU factor applied to the metered volume will be determined from the average heating value of gas deliveries to that BTU area divided by 1,000. The average heating value in the BTU area is based on the average of the BTU values associated with the billing usage period. For example, if the billing usage period is four (4) weeks, the average BTU value will be calculated by averaging the BTU value of the four (4) weeks ending on the Monday (or on Tuesday if Monday is a holiday) approximately one week prior to the week that bills are processed.

However, if measurement systems exist that are capable of determining more frequent actual average heating values, then the actual average heating value may be applied to the measurement cycle (e.g., continuously, hourly, weekly, or monthly) that is used to determine billing for a specific account. The average heating value is converted to a therm multiplier for use in determining a billing factor.

For gas collection areas, the reported heating value for each area shall be used. (T)

1. CUSTOMERS SUPPLIED AT STANDARD DELIVERY PRESSURE

Where gas is metered at the standard delivery pressure, a billing factor will be used. This billing factor will be the product of the appropriate value from the following table, and the applicable conversion adjustment factor.

Group	Elevation Above Mean Sea Level	Value
A	0 – 999 Feet	1.000
B	1,000 – 1,999 Feet	0.965
C	2,000 – 2,999 Feet	0.932
D	3,000 – 3,999 Feet	0.900
E	4,000 – 4,999 Feet	0.868
F	5,000 – 5,999 Feet	0.838

At PG&E's option, where the utility has access to and the capability to use more specific elevation data, this elevation data may be substituted when determining the value listed above for computing customer billing factors.

The number of therms to be billed will be determined by multiplying the difference in metered volumes by the billing factor.

(Continued)

GAS RULE NO. 2 Sheet 4
DESCRIPTION OF SERVICE

B. DETERMINATION OF THERMS TO BE BILLED (Cont'd.)

2. ALL OTHER ACCOUNTS

When gas is metered at a pressure higher than the standard delivery pressure, the volume as measured will be adjusted to the standard pressure base of 14.73 psia. (T) (T)

In adjusting the metered gas volume to the standard pressure base of 14.73 psia, the standard barometric pressure assumed to exist at the meter for various altitudes shall be taken from the following table:

STANDARD BAROMETRIC PRESSURES OF VARIOUS ALTITUDE ZONES

Altitude Zone Number	Elevation Limits Between Which Standard Barometric Pressure Is To Be Used (Feet)	Standard Barometric Pressure (psia)
1	-200 : 199	14.73
2	200 : 599	14.53
3	600 : 999	14.32
4	1,000 :1,399	14.12
5	1,400 :1,799	13.92
6	1,800 :2,199	13.72
7	2,200 :2,599	13.53
8	2,600 :2,999	13.33
9	3,000 :3,399	13.14
10	3,400 :3,799	12.96
11	3,800 :4,199	12.77
12	4,200 :4,599	12.59
13	4,600 :4,999	12.41
14	5,000 :5,399	12.23
15	5,400 :5,799	12.06
16	5,800 :6,199	11.89

At PG&E's option, where the utility has access to and the capability to use more specific elevation data, this elevation data and the related barometric pressure value may be substituted for the barometric pressure values listed above. (N) | (N)

(Continued)

GAS RULE NO. 2 Sheet 5
DESCRIPTION OF SERVICE

B. DETERMINATION OF THERMS TO BE BILLED (Cont'd.)

2. ALL OTHER ACCOUNTS (Cont'd.)

The number of therms delivered to a customer in each billing period will normally be determined by multiplying the metered volume of gas by the product of all the appropriate conversion adjustment factors. (T) (D)

3. VOLUME CORRECTION FOR GAS TEMPERATURE (N)

Correction for gas temperature will be made when average usage exceeds 1,000,000 cubic feet per month. If average usage is 1,000,000 cubic feet per month or less, temperature correction may be made at PG&E's option. When correction for temperature is made, it will be made to a base temperature of 60 degrees F. (T) | | | (T)

C. SPECIAL FACILITIES

1. PG&E normally installs only those standard facilities which it deems necessary to provide regular service at standard delivery pressure in accordance with the tariff schedules. Where the applicant requests PG&E to install special facilities and PG&E agrees to make such an installation, the additional costs thereof shall be borne by the applicant, including such ownership costs as may be applicable.

2. Special facilities are (a) facilities requested by an applicant, which are in addition to or in substitution for standard facilities which PG&E would normally provide for delivery of service at one point, through one meter, under its tariff schedules or (b) a pro rata portion of the facilities requested by an applicant, allocated for the sole use of such applicant, which would not normally be allocated for such sole use. Unless otherwise provided by PG&E's filed tariff schedules, special facilities will be installed, owned and maintained or allocated by PG&E as an accommodation to the applicant only if acceptable for operation by PG&E and the reliability of service to PG&E's other customers is not impaired.

(Continued)

GAS RULE NO. 2 Sheet 6
DESCRIPTION OF SERVICE

C. SPECIAL FACILITIES (Cont'd.)

3. Special facilities will be installed under the terms and conditions of a contract in the form on file with the California Public Utilities Commission. Such contract will include, but is not limited to, the following general terms and conditions.

   a. Where new facilities are to be installed for applicant's use as special facilities, the applicant shall advance to PG&E the estimated additional installed cost of the special facilities over the estimated cost of standard facilities. PG&E, at its option, may finance the new facilities.

   b. A monthly Cost-of-Ownership charge shall be paid by applicant for its special facilities.

Type of Facility	Financing	Monthly Charge	
Transmission	Customer	0.50% of the amount advanced	
	PG&E	1.17% of the additional cost	
Distribution	Customer	0.86% of the amount advanced	(R)
	PG&E	1.36% of the additional cost	(R)

   c. Where existing facilities are allocated for applicant's use as special facilities, the applicant shall pay the applicable monthly Cost-of-Ownership charge for the special facilities based on a percentage specified in 3.b. above of the estimated installed cost of that portion of the existing facilities which is allocated to the applicant.

   d. Where PG&E determines the collection of continuing monthly Cost-of-Ownership charges is not practicable, the applicant will be required to make an equivalent one-time payment in lieu of the monthly Cost-of-Ownership charges. (T)

   e. All monthly Cost-of-Ownership charges shall be reviewed and refiled with the California Public Utilities Commission when changes occur in PG&E's costs of providing such services.

GAS RULE NO. 14 Sheet 1
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

A. GENERAL

PG&E may reduce, interrupt, or allocate gas transportation, storage or supply services for operational reasons or to comply with regulatory requirements in the event of projected or actual supply or capacity shortages. (T)

Capacity allocation is a reduction or adjustment of the nominations at a specific Receipt Point to match the capacity available at the Receipt Point or the capacity available in transmission facilities connected to the Receipt Point. A Delivery Point service restriction is a reduction of the daily quantity delivered for the Customer or temporary interruption of the Customer's service. A Customer's intrastate service choices will affect the frequency and duration of capacity allocations and delivery point service restrictions.

PG&E will exercise reasonable diligence and care to furnish and deliver continuous service and a sufficient quantity of gas to Customers, but PG&E does not guarantee continuity of service or sufficiency of quantity. PG&E shall not be liable for interruption, shortage, or insufficient supply, or any loss or damage of any kind or character caused by such, if caused by accident, act of God, fire, strikes, riots, war, or any other cause that is beyond PG&E's reasonable control except that arising from PG&E's failure to exercise reasonable diligence. PG&E shall be the sole judge of whether it is operationally able to receive and/or deliver gas, consistent with regulatory requirements. PG&E shall not be liable to Customer for damages, or otherwise, as the result of any interruption, reduction, or allocation of gas transportation capacity or delivery service.

PG&E may, in the exercise of reasonable judgment, reduce receipts or deliveries of gas in order to test, alter, modify, enlarge, or repair any part of the PG&E system or any facility or property related to the operation of the PG&E system. In all such cases, PG&E shall give Customers reasonable notice as circumstances will permit, and PG&E shall complete such repairs or improvements as soon as practicable and with minimal inconvenience to Customers. (T)

(Continued)

GAS RULE NO. 14 Sheet 2
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

B. RECEIPT POINT CAPACITY ALLOCATION

1. ALLOCATION BECAUSE OF NON-CONFORMANCE OF GAS TO PG&E'S SPECIFICATIONS

PG&E has the right and responsibility to maintain the quality standards of the gas in its system. PG&E may refuse to accept gas or to accept limited amounts of gas if the gas is not of the quality required for service to PG&E Customers. PG&E shall be the sole judge of the ability of its system to accept any such gas not conforming to its specifications. (See Gas Rules 21 and 29, subject to gas supply type, for quality standards.) (T) (T)

2. ALLOCATION DUE TO LOCAL CONSTRAINTS

PG&E may reduce the amount of gas PG&E receives on the Customer's behalf due to operating conditions or regulatory requirements affecting all or a portion of PG&E's system. PG&E will take whatever steps it determines are operationally appropriate in the event a constraint on PG&E's local transmission or distribution facilities threatens service to Customers. In the event an Emergency Flow Order (EFO) is ordered due to a local constraint, EFO charges may apply, but involuntary diversion charges will not apply. (See Sections F and G, below.)

3. ALLOCATIONS DUE TO CONSTRAINTS AT INTERCONNECTION POINTS

a. BACKBONE TRANSMISSION SYSTEM RECEIPTS

In the event PG&E reduces receipt of gas supplies at a Backbone Transmission System interconnection point because of operating conditions or regulatory requirements, PG&E will allocate receipt capacity at the Backbone Transmission System interconnection point in the order of priorities set forth in Section D.

(Continued)

GAS RULE NO. 14 Sheet 3
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

B. RECEIPT POINT CAPACITY ALLOCATION (Cont'd.)

3. ALLOCATIONS DUE TO CONSTRAINTS AT INTERCONNECTION POINTS (Cont'd.)

b. TRANSPORTATION TO STORAGE

In the event PG&E reduces injection of gas supplies to storage because of operating conditions or regulatory requirements, transportation priority to storage will be determined by the Customer's Gas Transmission Service Agreement (GTSA) (Form No. 79-866), and injection priority at PG&E's storage interconnection will be determined by the Storage Exhibit of the Customer's GTSA, in the order of priorities set forth in Section D.

c. STORAGE WITHDRAWAL AND TRANSPORTATION FROM STORAGE

In the event PG&E reduces withdrawal of gas supplies from storage because of operating conditions or regulatory requirements, transportation priority from storage to the delivery point will be determined by the Customer's GTSA, and withdrawal priority at PG&E's storage interconnection will be determined by the Storage Exhibit of the Customer's GTSA, in the order of priorities set forth in Section D.

4. OPTION(S) WHEN NOMINATIONS ARE REDUCED

In the event PG&E reduces its receipt of Customer-owned gas for any reasons cited above, the Customer must, in the alternative, obtain third-party gas supplies, stop receiving service, or receive supplies subject to Schedule G-BAL, if this service is available. (T)

(Continued)

GAS RULE NO. 14 Sheet 4
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

C. DELIVERY POINT SERVICE RESTRICTIONS

1. REASONS FOR SERVICE RESTRICTIONS

a. OPERATING CONSTRAINTS

PG&E may interrupt or reduce delivery of gas in the event of projected or actual capacity constraints or projected or actual supply shortages on the PG&E system, subject to the priorities set forth in Section D. (T)

b. LOCAL CONSTRAINTS

In the event of localized constraints, Customers in unconstrained areas may continue to receive service; provided, however that PG&E may take whatever steps it determines are operationally necessary in the event a constraint on local transmission or distribution threatens service to Customers. This includes curtailment of Noncore End-Use Customers.

To the extent feasible, PG&E will use the Backbone Transmission System priority of service procedures to prioritize Noncore End-Use Customers in the affected service area. In the event an Emergency Flow Order (EFO) is ordered due to a local constraint, EFO charges may apply, but involuntary diversion charges will not apply. (See Sections F and G, below.)

c. OPERATING/REGULATORY CONSTRAINTS

In the event PG&E reduces delivery of gas supplies at any delivery point because of operating conditions or regulatory requirements, PG&E will allocate delivery capacity at the delivery points in the order of priorities set forth in Section D.

(Continued)

GAS RULE NO. 14 Sheet 5
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

C. DELIVERY POINT SERVICE RESTRICTIONS (Cont'd.)

1. REASONS FOR SERVICE RESTRICTIONS (Cont'd.)

d. SUPPLY SHORTFALLS

In the event the quantity of gas received by PG&E from an interstate pipeline is less than the confirmed nominations to that interstate pipeline, PG&E will allocate the gas actually received by PG&E in accordance with the nomination priorities designated by the nominating party on the Backbone Transmission System.

To the extent that the interstate pipeline's records are subsequently determined to support a different allocation, then an adjustment will be made to the Customer's account.

2. PROCEDURES TO IMPLEMENT DELIVERY POINT SERVICE RESTRICTIONS

a. NOTICE

PG&E shall attempt to give the Customer, or its Authorized Agent, 24-hour notice of an impending service restriction, or at a minimum, as much notice as is reasonably possible under the circumstances.

b. SEQUENCE

During a service restriction, service will be prioritized as set forth in Section D.

(Continued)

GAS RULE NO. 14 Sheet 6
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE

1. TRANSMISSION RECEIPT POINTS

a. For Lines 300/400/401, PG&E will allocate service on the Backbone Transmission paths, Baja, Redwood and Mission, in the following order:

1) All Firm service at all receipt points on a defined transmission path will be treated equally, with pro rata allocation of nominations, if necessary.

2) When no constraints exist for As-Available service, such service will be scheduled as follows:

a) Mission Path off-system As-Available service first according to contract price,* with the lowest contract price interrupted first. The Mission Path on-system As-Available service will then be scheduled with all nominations allocated on a pro rata basis.

b) The Redwood Path and Baja Path As-Available service will be scheduled according to contract price,* with the lowest contract price interrupted first.

3) When constraints exist for As-Available service for Redwood Path (Line 400/401) and/or Baja Path (Line 300), such service will be scheduled as follows:

a) Redwood Path Allocation (Line 400/401):

i) The initial allocation of Line 400/401 As-Available capacity will be prorated based on each impacted independent storage provider's Net Withdrawal Nominations affecting the Redwood path capacity and Redwood path As-Available nominations. Net Withdrawal Nominations affecting the Redwood path capacity are defined as: the total withdrawal nominations less any injection nominations and less PG&E's ability to place withdrawal gas directly into a local transmission system.

* Contract price equals the per unit Usage Charge specified in the applicable exhibit of the Gas Transmission Service Agreement.

(Continued)

D. PRIORITY OF SERVICE (Cont'd.)

1. TRANSMISSION RECEIPT POINTS (Cont'd.)

a. (Cont'd.)

3) (Cont'd.)

a) Redwood Path Allocation (Line 400/401) (Cont'd.)

i) (Cont'd.)

For the purpose of allocating Line 400/401 As-Available capacity, Net Withdrawal Nominations affecting the Redwood path capacity from an independent storage provider will be limited to the independent storage provider's maximum certificated withdrawal capacity, less PG&E's ability to place the gas directly into a local transmission system. Redwood Path As-Available nominations will be limited to the Line 400/401 As-Available capacity.

ii) After the initial allocation of Line 400/401 As-Available capacity to the Redwood Path, the total receipt volume at Redwood path receipt points on Line 400/401 is calculated as the sum of the firm nominations and allocated As-Available capacity. After the receipt volume at Redwood path receipt points is established, PG&E will determine the maximum additional storage withdrawals affecting Line 400/401 that can be accommodated.

If PG&E can accommodate additional withdrawals, this capacity will be allocated to each independent storage provider based on the same limited Net Withdrawal Nominations affecting Line 400/401 used in Section a)i) above. The total capacity for each independent storage provider used for scheduling nominations will be the sum of the final capacity for delivery affecting Line 400/401 plus the amount that PG&E can place into the Local Transmission System.

(Continued)

GAS RULE NO. 14 Sheet 8
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE (Cont'd.)

1. TRANSMISSION RECEIPT POINTS (Cont'd.)

a. (Cont'd.)

3) (Cont'd.)

a) Redwood Path Allocation (Line 400/401) (Cont'd.)

iii) After the total capacity for each storage provider is determined, the withdrawal nominations from each storage provider will be scheduled as follows:

Mission Path off-system As-Available service first according to contract price,* with the lowest contract price interrupted first. The Mission Path on-system As-Available service will then be scheduled with all nominations allocated on a pro rata basis.

iv) The Redwood Path As-Available service will be scheduled according to contract price,* with the lowest contract price interrupted first.

b) Baja Path Allocation (Line 300):

i) The initial allocation of Baja Path As-Available capacity will be prorated based on each impacted independent storage provider's[1] Net Withdrawal Nominations affecting the Baja Path capacity and Baja Path As-Available nominations. Net Withdrawal Nominations affecting the Baja Path capacity are defined as: the total withdrawal nominations less any injection nominations and less PG&E's ability to place withdrawal gas directly into a local transmission system.

[1] If a Baja Path allocation process is necessary, Gill Ranch Storage withdrawals will include PG&E's owned storage withdrawal portion from the Gill Ranch Storage field.

* Contract price equals the per unit Usage Charge specified in the applicable exhibit of the Gas Transmission Service Agreement.

(Continued)

GAS RULE NO. 14 Sheet 9
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE (Cont'd.)

1. TRANSMISSION RECEIPT POINTS (Cont'd.)

a. (Cont'd.)

3) (Cont'd.)

b) Baja Path Allocation (Line 300) (Cont'd.):

i) (Cont'd.)

For the purpose of allocating Line 300 As-Available capacity, Net Withdrawal Nominations affecting the Baja path capacity from an independent storage provider will be limited to the independent storage provider's maximum certificated withdrawal capacity, less PG&E's ability to place the gas directly into a local transmission system. Baja Path As-Available nominations will be limited to the Line 300 As-Available capacity.

ii) After the initial allocation of Line 300 As-Available capacity to the Baja Path, the total receipt volume at Baja Path receipt points on Line 300 is calculated as the sum of the firm nominations and allocated As-Available capacity. After the receipt volume at Baja Path receipt points is established, PG&E will determine the maximum additional storage withdrawals affecting Line 300 that can be accommodated.

If PG&E can accommodate additional withdrawals, this capacity will be allocated to each impacted independent storage provider based on the same limited Net Withdrawal Nominations affecting Line 300 used in Section b)i) above. The total capacity for each independent storage provider used for scheduling nominations will be the sum of the final capacity for delivery affecting Line 300 plus the amount that PG&E can place into the Local Transmission System.

(Continued)

GAS RULE NO. 14 Sheet 10
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE (Cont'd.)

1. TRANSMISSION RECEIPT POINTS (Cont'd.)

a. (Cont'd.)

3) (Cont'd.)

b) Baja Path Allocation (Line 300) (Cont'd.)

iii) After the total capacity for each storage provider is determined, the withdrawal nominations from each storage provider will be scheduled as follows:

Mission Path off-system As-Available service first according to contract price,* with the lowest contract price interrupted first. The Mission Path on-system As-Available service will then be scheduled with all nominations allocated on a pro rata basis.

iv) The Baja Path As-Available service will be scheduled according to contract price,* with the lowest contract price interrupted first.

b. For all other Backbone Transmission paths, PG&E will allocate service on the Backbone Transmission path in the following order:

* Contract price equals the per unit Usage Charge specified in the applicable exhibit of the Gas Transmission Service Agreement.

(Continued)

GAS RULE NO. 14 Sheet 11
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE (Cont'd.)

1. TRANSMISSION RECEIPT POINTS (Cont'd.)

b. (Cont'd.)

1) All Firm service at all receipt points on a defined transmission path will be treated equally, with pro rata allocation of nominations, if necessary.

2) All other As-Available service will be scheduled according to contract price,* with the lowest contract price interrupted first.

2. TRANSMISSION DELIVERY POINTS

PG&E will allocate service on the Backbone Transmission System in the following order:

a. All Firm service at a given delivery point will be treated equally, with pro rata allocation of nominations, if necessary;

b. As-Available service will be scheduled according to contract price,* with the lowest contract price interrupted first.

* Contract price equals the per unit Usage Charge specified in the applicable exhibit of the Gas Transmission Service Agreement.

(Continued)

D. PRIORITY OF SERVICE (Cont'd.)

3. PG&E STORAGE INJECTION AND TRANSPORTATION TO STORAGE

a. Transportation priority to PG&E storage will be determined by the Customer's Gas Transmission Service Agreement (Form 79-866) (GTSA) utilized to transport the gas to storage.

b. Injection priority at PG&E's storage facilities will be determined by the Storage Exhibit of the Customer's GTSA, as follows:

1) All PG&E Firm storage service (treated equally, with pro rata allocation of nominations, if necessary);

2) PG&E As-Available storage service (scheduled according to contract price,* with the lowest contract price for injection interrupted first).

4. PG&E STORAGE WITHDRAWAL AND TRANSPORTATION FROM STORAGE

a. Transportation priority from PG&E storage to the delivery point will be determined by the Customer's GTSA utilized to transport the gas from storage.

b. Withdrawal priority at PG&E's storage facilities will be determined by the Storage Exhibit of the Customer's GTSA, as follows:

1) All PG&E Firm storage service (treated equally, with pro rata allocation of nominations, if necessary);

2) PG&E As-Available storage service (scheduled according to contract price,** with the lowest contract price for withdrawal interrupted first).

** Contract price equals the per unit Usage Charge specified in the applicable exhibit of the Gas Transmission Service Agreement.

(Continued)

GAS RULE NO. 14 Sheet 13
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

D. PRIORITY OF SERVICE (Cont'd.)

5. SCHEDULING PRIORITY OF MARKET CENTER SERVICES

a. All Market Center Agreement exhibits are subject to PG&E's sole determination that sufficient daily operational capacity permits PG&E to perform the requested Market Center transaction.

b. Should operational constraints prohibit execution of all Market Center transactions, PG&E shall schedule nominations for Market Center services in the following order of transaction categories, from highest to lowest priority, as follows:

1. Repay of Lend
2. Unpark
3. Park
4. Lend

Nominations within each of the four transaction categories shall be scheduled according to contract price*** with the lowest contract price being constrained first.

In the event that two or more requests for the same Market Center service, at the same contract price, are identical during a period of limited availability, authorization shall be granted on a first-come, first-served basis. PG&E shall authorize service for the Customer making the first request in date and time, as measured by the date and time of PG&E's receipt of the Customer's signed exhibit. If the Customers' requests for service are identical in contract price, date, and time received, then authorization shall be resolved by lottery.

*** Contract price, as used here, equals the per unit Usage Charge specified in the applicable Market Center Schedule G-PARK or G-LEND, normalized to equivalent units

(Continued)

GAS RULE NO. 14 Sheet 14
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

E. OPERATIONAL FLOW ORDERS (OFO)

In order to protect the integrity of its pipeline system, PG&E will issue and implement system-wide, local, or Customer-specific Operational Flow Orders (OFO). PG&E will issue an OFO for a Gas Day if, on the day prior to this Gas Day, PG&E's forecast of pipeline inventory for the Gas Day is either below the Lower Pipeline Inventory Limit or above the Upper Pipeline Inventory Limit. At such time as PG&E issues an OFO, Balancing Agents will be required to balance supply and demand on a daily basis within a specified tolerance band or be subject to charges for noncompliance. PG&E may elect not to issue an OFO for a Gas Day if the forecast of pipeline inventory for the day following that Gas Day indicates the pipeline inventory will return to within the Pipeline Inventory Limits without the assistance of an OFO.

The Lower and Upper Pipeline Inventory Limits may be revised as needed by PG&E to maintain the safety and reliability of the pipeline system. These changes, along with a supporting explanation, will be posted to the Pipe Ranger Web site.

The tolerance band will be a percentage of the usage, as defined below.

PG&E may implement multi-stage OFO provision charges, as follows:

	Tolerance Band	Noncompliance Charge Per Decatherm
Stage 1:	up to +/-25%	$0.25
Stage 2:	up to +/-20%	$1.00
Stage 3:	up to +/-15%	$5.00
Stage 4:	up to +/-5%	$25.00
Stage 5:	up to +/-5%	$25.00 plus DCI****

**** The DCI is the PG&E Daily Citygate Index Price as published in Gas Daily, rounded up to the next whole dollar. If the price is not published on a given day, the previous published price will apply.

(Continued)

GAS RULE NO. 14 Sheet 15
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

E. OPERATIONAL FLOW ORDERS (OFO) (Cont'd.)

PG&E has the option, and would normally expect, to issue and implement an OFO with a one-sided tolerance band, and related non-compliance charges in one direction only (i.e., an OFO with a –25 percent (-25%) tolerance band and $0.25 per Decatherm noncompliance charge for supply being less than usage but no tolerance band in the positive direction—supply greater than usage). Generally an initial OFO event will start at Stage 1 with a noncompliance charge of $0.25 per Decatherm; however, an OFO event may begin at any stage with the corresponding noncompliance charge as deemed appropriate by PG&E.

A specific Balancing Agent may start at an elevated charge level if that Balancing Agent has a history of noncompliance with prior PG&E requests or orders for the Balancing Agent to balance supply with demands. A history of noncompliance will be defined as being at least three days in any thirty-day period that a Balancing Agent has not met with prior balancing orders. The amount of the charge will be announced when PG&E issues an OFO. An OFO will normally be ordered with at least twelve (12) hours notice prior to the beginning of the gas day, or as necessary as dictated by operating conditions. Charges for the first day of the OFO event will not be imposed if notice is given after 6:00 p.m. Pacific Time the day prior to the start of the OFO event.

(Continued)

GAS RULE NO. 14 Sheet 16
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

E. OPERATIONAL FLOW ORDERS (OFO) (Cont'd.)

1. OFO NONCOMPLIANCE CHARGE EXEMPTION:

If a Balancing Agent's OFO noncompliance charge is calculated to be less than or equal to 1,000 Dth for an OFO, the noncompliance charge will be exempted and the charge will be zero. If the noncompliance charge is greater than 1,000 Dth, the Balancing Agent will be responsible for the full noncompliance charge; i.e., 1,000 Dth will not be deducted from the calculated noncompliance charge. This exemption provision only applies to OFO noncompliance charges.

As ordered in Decision 01-02-049, PG&E shall waive any OFO noncompliance charges incurred by core customers whose gas is procured by PG&E if: 1) PG&E has implemented an Involuntary Diversion of noncore gas supplies (see Section G, below; and 2) due to PG&E's lack of credit, PG&E is unable to procure sufficient core gas supplies directly from suppliers.

2. OFO COMPLIANCE

a. OFO compliance and charges will be based on the following:

1) For a Noncore End-Use Customer with automated meter reading (AMR) capability and for PG&E's Electric Generation (EG) Department, compliance during an OFO will be based on actual daily metered usage, and the calculation after the OFO event of any applicable noncompliance charge will be based on actual daily metered usage.

2) For a Noncore End-Use Customer without AMR capability (all or part non-AMR capability at their premises), or for Noncore End-Use Customers with non-functioning AMR meters, compliance during an OFO will be based on the average daily quantity (ADQ) as specified in the Customer's NGSA. The calculation of any applicable noncompliance charges after the OFO event will be based on one of the following, whichever results in the lesser charge:

a) the Customer's ADQ; or

b) the Customer's actual daily metered usage; or

c) when Customer's actual daily metered usage is not available (e.g., due to meter failure), the <u>average</u> daily metered usage for the affected premises will be substituted for the <u>actual</u> daily metered usage. The average daily metered usage is calculated by dividing the recorded monthly usage by the number of days in the billing period.

(Continued)

GAS RULE NO. 14 Sheet 17
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

E. OPERATIONAL FLOW ORDERS (OFO) (Cont'd.)

2. OFO COMPLIANCE (Cont'd.)

a. OFO compliance and charges will be based on the following: (Cont'd.)

3) For a Core Procurement Group (which includes PG&E's Core Gas Supply department and Core Transport Groups) (CP Group), compliance during an OFO and calculation of any OFO noncompliance charges will be based on the most recent Determined Usage, as defined in Schedule G-BAL, which has a date and time of less than or equal to 7:15:00 AM on the current gas day and was communicated to the CP Group. If the Determined Usage has a date and time greater than 7:15:00 AM on the current gas day or Determined Usage was not generated, the most recent previous forecast for the current gas day will be used.

4) For a California Production Balancing Agreement (CPBA), (Form 79-944) compliance with an OFO and calculation of any OFO noncompliance charges will be based on the difference between scheduled deliveries and actual deliveries.

Should PG&E's implementation of an OFO prove to be inadequate to ensure system integrity, PG&E may implement other measures including, but not limited to, implementing an Emergency Flow Order (EFO).

3. OFOs and SELF-BALANCING

On OFO days, any Balancing Agent who has selected the Self-Balancing Option, pursuant to Schedule G-BAL, will be required to comply with the tolerance band specified for that OFO day. The Self-Balancing plus or minus ten percent (±10%) daily Imbalance tolerance will not apply on days when an OFO is in effect. A Self-Balancing Agent will not be subject to Accumulated Daily Imbalance Noncompliance Charges on high inventory OFO days if the Accumulated Daily Imbalance is negative, or on any low inventory OFO days if the Accumulated Daily Imbalance is positive. However, any imbalance that occurs on that OFO day will be included as part of the Customer's ongoing Accumulated Daily Imbalance calculation.

(Continued)

F. EMERGENCY FLOW ORDERS (EFO)

PG&E may invoke Emergency Flow Orders (EFO) when a forecast or an actual supply and/or capacity shortage threatens deliveries to End-Use Customers.

During an EFO, End-Use Customers' usage must be less than or equal to supply for a gas day (i.e., supply must be equal to or greater than usage). With the one exception specified herein, EFOs will have a zero (0) percent tolerance and a noncompliance charge of $50.00 plus DCI for each Decatherm of usage in excess of supply.

As ordered in Decision 01-02-049, PG&E shall waive any EFO noncompliance charges incurred by core customers whose gas is procured by PG&E if: (1) PG&E has implemented an Involuntary Diversion of noncore gas supplies (see Section G, below; and (2) due to PG&E's lack of credit, PG&E is unable to procure sufficient core gas supplies directly from suppliers.

1. EFO COMPLIANCE

a. EFO compliance and charges will be based on the following:

1) For a Noncore End-Use Customer with automated meter reading (AMR) capability and for PG&E's EG Department, compliance during an EFO will be based on actual daily metered usage and the calculation after the EFO event of any applicable noncompliance charge will be based on actual daily metered usage.

2) For a Noncore End-Use Customer without AMR capability (all or part non-AMR capability at their premises) or for Noncore End-Use Customers with non-functioning AMR meters, compliance during an EFO will be based on the average daily quantity (ADQ) as specified in the Customer's NGSA. The calculation of any applicable noncompliance charges after the EFO event will be based on one of the following, whichever results in the lesser charge:

a) the Customer's ADQ, or

b) the Customer's actual daily metered usage, or

c) when Customer's actual daily metered usage is not available, the <u>average</u> daily metered usage for the affected premises will be substituted for the <u>actual</u> daily metered usage. The average daily metered usage is calculated by dividing the recorded monthly usage by the number of days in the billing period.

(Continued)

F. EMERGENCY FLOW ORDERS (EFO) (Cont'd.)

1. EFO COMPLIANCE (Cont'd.)

a. EFO compliance and charges will be based on the following: (Cont'd.)

3) For a Core Procurement Group (CP Group), compliance during an EFO and calculation of any EFO noncompliance charges will be based on the most recent Determined Usage, as defined in Schedule G-BAL, which has a date and time of less than or equal to 7:15:00 AM on the current gas day and was communicated to the CP Group. If the Determined Usage has a date and time greater than 7:15:00 AM on the current gas day or the Determined Usage was not generated, the most recent previous forecast for the current gas day or the end-of-flow day core demand estimate, whichever results in a lower noncompliance charge will be used.

4) For a CPBA, compliance during an EFO and calculation of any EFO noncompliance charges will be based on the difference between scheduled deliveries and actual deliveries.

With the exception of the EFO noncompliance charge waiver specified above, if PG&E invokes an involuntary supply diversion (see Section G, below) in conjunction with an EFO, an additional $50.00 per Decatherm diversion usage charge will apply.

An EFO will normally be invoked following an Operational Flow Order (OFO), but PG&E may invoke an EFO without previously invoking an OFO if, in PG&E's judgment, emergency operating conditions exist. There shall be no minimum notice period for EFOs; however, PG&E will attempt to provide as much notification to Customers as practicable under the circumstances.

PG&E may implement other measures to ensure system integrity should an EFO fail to alleviate the emergency condition.

(Continued)

GAS RULE NO. 14 Sheet 20
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

G. DIVERSION OF CUSTOMER-OWNED GAS

When operational conditions exist such that supply is insufficient to meet demand and deliveries to Core End-Use Customers are threatened, and subject to the obligations of Core Procurement Groups to utilize all available capacity associated with supply, PG&E may divert gas supply in its system from Noncore End-Use Customers to Core End-Use Customers. Emergency Flow Order (EFO) provisions will be deemed to apply under these conditions. (See Section F.) If a Noncore End-Use Customer's supply is diverted, either involuntarily under this rule, or through a voluntary arrangement with representatives of Core End-Use or Noncore End-Use Customers, that Customer must stop or reduce its use of gas. In the event the Customer fails to stop or reduce its gas use, that Customer must pay charges as provided below. (T)

Prior to a diversion hereunder, PG&E's Core Gas Supply department and Core Transport Agents, on behalf of their Core End-Use Customers, will use:

1) their own firm capacity, to the extent gas supply is available;

2) any As-Available capacity on the system at any receipt point to the extent gas supply is available; and

3) capacity made available from Noncore End-Use Customers or other Backbone Transmission System Customers pursuant to voluntary supply diversion arrangements, provided that such arrangements are at prices not to exceed the costs of involuntary diversion.

In the event PG&E diverts gas for Core End-Use Customers, PG&E will not be responsible for any interstate charges associated with the diverted gas. PG&E's total cost responsibilities for diversion are limited to those set forth below.

(Continued)

GAS RULE NO. 14 Sheet 21
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

G. DIVERSION OF CUSTOMER-OWNED GAS (Cont'd.)

1. INVOLUNTARY DIVERSIONS

PG&E may divert gas supplies from Backbone Transmission System Customers. Firm transportation to off-system is not subject to diversion. Diversions will occur in the following order:

a. Supply scheduled under As-Available transmission service will be diverted in order of increasing transmission contract price and on a pro rata basis for all volumes transported under the same price. However, supply under scheduled deliveries from storage using As-Available transmission service will be treated as the highest priority Firm transmission service. (See G.1.c., below.)

b. Supply scheduled to Noncore End-User Customers under Firm transmission service is diverted on a pro rata basis.

c. Scheduled deliveries from storage using Firm or As-Available transmission service will be treated as the highest priority Firm transmission service and will be diverted on a pro rata basis.

2. INVOLUNTARY DIVERSION COMPLIANCE AND CHARGES

All Customers who use more gas during an involuntary diversion than their post-diverted supply, whether or not their gas is subject to an involuntary diversion, will be assessed involuntary diversion charges. Those customers will be deemed to be receiving involuntarily diverted supply, and therefore will be assessed a $50.00 per Decatherm diversion usage charge, in addition to the EFO noncompliance charge. See Section F, above, for conditional waiver of only the EFO noncompliance charges for certain core customers during an involuntary diversion.

Involuntary diversion compliance and charges will be based on the following:

a. For a Noncore End-Use Customer with automated meter reading (AMR) capability, compliance and the calculation after the involuntary diversion event of any involuntary diversion charge will be based on actual daily metered usage and the post-diverted supply. (Post-diverted supply is the original scheduled supply less the diverted volumes.)

(Continued)

GAS RULE NO. 14 Sheet 22
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

G. DIVERSION OF CUSTOMER-OWNED GAS (Cont'd.)

2. INVOLUNTARY DIVERSION COMPLIANCE AND CHARGES (Cont'd.)

b. For a Noncore End-Use Customer without AMR capability (all or part non-AMR capability) at their premises and PG&E's Electric Generation (EG) department, compliance and the calculation after the involuntary diversion event of any noncompliance charge will be based on actual usage and the post-diverted supply.

c. For a Core Procurement Group (CP Group), compliance and the calculation after the involuntary diversion event of any involuntary diversion charge will be based on the latest available forecast from the core load forecast model for the CP Group prior to the time the event is called, up to and including a 5:00 p.m. Pacific Time Forecast, and the CP Group's original supply before involuntary diversion.

3. COMPENSATION FOR INVOLUNTARILY DIVERTED GAS

Firm transmission service Customers whose gas supply is involuntarily diverted will receive a $50.00 per Decatherm diversion credit.

As-Available transmission service Customers whose gas supply is involuntarily diverted will receive a diversion credit based on the current market price of the diverted supply on the day it was diverted.

The current market price will be based on an average of the published price data from Natural Gas Intelligence (NGI) and the BTU Daily Gas Wire for the PG&E interconnect points of Malin (Line 400) and Topock (Southern California Border), weighted by the supply mix of all gas received at Malin and Topock for on-system End-Use Customers for that day.

(Continued)

GAS RULE NO. 14 Sheet 23
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

G. DIVERSION OF CUSTOMER-OWNED GAS (Cont'd.)

3. COMPENSATION FOR INVOLUNTARILY DIVERTED GAS (Cont'd.)

If no published daily price is reported on a given day, the prior published daily price from that index service will continue to apply for that day. If an index service is no longer available, PG&E reserves the right to choose another nationally recognized index to replace it.

H. LOCAL CURTAILMENT

In the event of localized constraints, PG&E may curtail Noncore End-Use Customers in a localized area. When a local curtailment is announced, Noncore End-Use Customers will be provided a maximum allowed usage for the designated curtailment period. Compliance with the local curtailment is the responsibility of the Noncore End-Use Customer and may not be assigned to a Balancing Agent. Noncore End-Use Customers that exceed the maximum allowed usage will be subject to a noncompliance charge.

Local curtailment noncompliance charges for each Decatherm of usage in excess of designated maximum allowed usage shall equal $50.00 plus the DCI. In order to protect its system, PG&E may temporarily shut off gas service to any Customer that fails to comply with the local curtailment. (T)

In the event that an OFO or EFO is in effect simultaneously with a local curtailment, OFO or EFO noncompliance charges may apply in addition to any local curtailment noncompliance charges.

I. SERVICE FROM OFF-SYSTEM STORAGE FACILITIES

Gas from off-system storage facilities is treated equally with any other gas delivered at that specific PG&E interconnection.

J. WHOLESALE/RESALE SERVICE

Service under wholesale/resale service agreements, in which the gas is resold to customers of other utilities within PG&E's service territory, shall be subject to Operational Flow Orders, Emergency Flow Orders, and diversion of Customer-owned gas in the same manner as if such Customers were Customers of PG&E.

(Continued)

GAS RULE NO. 14 Sheet 24
CAPACITY ALLOCATION AND CONSTRAINT OF GAS SERVICE (T)

K. CORE END-USE CUSTOMERS

In an emergency situation, non-residential Core End-Use Customers may be asked to reduce usage prior to residential Core End-Use Customers.

L. CONFLICTS WITH OTHER TARIFFS AND/OR CONTRACTS

Each of the gas rate schedules, agreements, and rules governing the sale and transportation of gas by PG&E on file with the CPUC, shall be deemed amended to the extent that they are or may be inconsistent or in conflict with the priorities of service as listed in this rule. (T)

M. NBAA AND CTA GROUP IMBALANCES MAY NOT BE COMBINED

OFO, EFO, and Diversion compliance calculations for Noncore Balancing Aggregation Groups (NBAA) and Core Transportation groups (CTA) are performed separately, according to the terms contained in this rule. Suppliers may not combine NBAA group and CTA group usage and supplies in an effort to comply with an OFO, EFO, or Diversion.

COUNCIL COMMUNICATION

CC #: 1445
File #: 0206-10-01

Title:	Downtown Roseville Property and Business Improvement District - 2020 Annual Report and 2021 Budget
Contact:	Wayne Wiley 916 774-5283 wwiley@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.16.

RECOMMENDATION TO COUNCIL

Staff recommends that Council adopt a resolution approving the Downtown Property and Business Improvement District's Annual Report for 2020 and approving the Downtown Roseville Partnership 2021 budget.

BACKGROUND

On July 16, 2014, the City Council approved the formation of the Downtown Roseville Property and Business Improvement District (DRPBID) for a term of five years commencing January 1, 2015, and terminating December 31, 2019. The overarching goal of the DRPBID was to facilitate improvements and activities that would provide a special benefit to assessed parcels. Based on the success of the DRPBID, on January 9, 2019, Council adopted a resolution renewing the DRPBID and Management Plan. With that approval, the amended documents established the assessment formula, required indemnification terms, insurance coverage limits, and levying of the annual assessments for an additional ten year period (beginning January 1, 2020 and ending December 31, 2029).

The annual assessment provides funding for a budget that is managed by the established owner's association, the Downtown Roseville Partnership (DRP). The DRP Board ensures that the budget is applied to activities and expenses defined in the Management Plan/Engineer's Report accepted by Council as part of the district formation. In addition, the Management Plan includes the following requirement:

"VI. GOVERNANCE

C. Annual Report

The Downtown Roseville Partnership shall present an annual report at the end of each year of operation to the City Council pursuant to Streets and Highways Code §36650…. The annual report is a prospective report for the upcoming year and must include:

· Any proposed changes in the boundaries of the DRPID or in any benefit zones or classifications of property within the district;

· The improvements and activities to be provided for that fiscal year;
· An estimate of the cost of providing the improvements or activities for that fiscal year;
· The method and basis of levying the assessment in sufficient detail to allow each real property owner to estimate the amount of the assessment to be levied against his or her property for the fiscal year;
· The amount of any surplus of deficit revenues to be carried over from a previous fiscal year; and
· The amount of any contributions to be made from sources other than assessments levied pursuant to this Plan."

The 2020 DRPBID Annual Report is provided in Attachment 1 of this staff report. Additional supporting documents that further address the elements required in each annual report to Council are the 2020 financial statements and district map and assessment roll, and are included within Attachments 2 and 3.

Additionally, the 2021 budget is included as Attachment 4 for reference, and has been approved by the DRP Board. No changes to the district boundaries or levying of assessments is proposed and the key elements of this year's budget (totaling $231,710) are broken down into the following service categories followed by the percentage of funds allocated to each sector.

Marketing & Events - 30%
Clean & Safe - 26%
Administration - 21%
Improvements - 18%
Contingency - 5%

It should be noted that the above referenced allocations are not anticipated to significantly change; however, it may be necessary to redistribute funds between categories to provide flexibility in addressing continued impacts related to the Covid-19 pandemic.

FISCAL IMPACT

The City contributes to the PBID each year in the form of parcel assessments for City owned property in Downtown Roseville. The 2020 City assessment was $62,370.32 and the total assessment collected for the district was $214,596.52. Receiving the annual report has no impact on the General Fund and a maximum of 2% of the property assessment will be retained by the City to cover the costs of administration of the management agreement.

ECONOMIC DEVELOPMENT / JOBS CREATED

The establishment of the Downtown PBID has substantially increased the amount of funding available to market, promote and improve Downtown Roseville.

ENVIRONMENTAL REVIEW

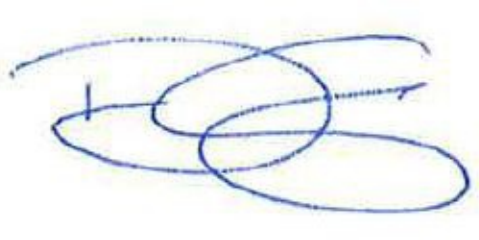
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines

§15060(c)(3) and §15378. Adoption of this resolution meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Wayne Wiley, Economic Development Manager

Laura Matteoli, Economic Development Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-193

Attachment 1 - 2020 Downtown Annual Report

Attachment 2 - 2020 DRP Statement of Financial Position

Attachment 3 - 2020 DRP PBID Assessment Map & Table

Attachment 4 - DRP 2021 Budget

RESOLUTION NO. 21-193

APPROVING THE 2020 DOWNTOWN ROSEVILLE PROPERTY AND BUSINESS IMPROVEMENT DISTRICT ANNUAL REPORT AND 2021 BUDGET

WHEREAS, on July 16, 2014, the City Council approved the formation of the Downtown Roseville Property and Business Improvement District (DRPBID) to facilitate improvements and activities that would provide a special benefit to assessed parcels; and

WHEREAS, the annual assessment provides funding for a budget that is managed by the established owner's association, the Downtown Roseville Partnership (DRP); and

WHEREAS, the DRP Board ensures that the budget is applied to activities and expenses defined in the Management Plan/Engineer's Report accepted by Council as part of the district formation; and

WHEREAS, the DRP is required to submit an annual report and budget to the City; and

WHEREAS, the 2020 Downtown Roseville Property and Business Improvement District Annual Report and 2021 Budget have been reviewed by the City Council;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the 2020 Downtown Roseville Property and Business Improvement District Annual Report and 2021 Budget are hereby approved.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

A Message from Board President Mark Vespoli

As a Roseville resident, business owner and community volunteer, it has been my pleasure to witness the character and grit that so many in our community have demonstrated during the past 12 months. Even in the midst of the pandemic and uncertainty for so many, this group and community maintained the unmistakable energy and sense of place that is Downtown Roseville.

At every turn, our property owners and merchants persevered with:

- **CREATIVITY** – In many cases, our member businesses were forced to think creatively to establish new revenue streams and keep businesses on track.
- **RESILIENCE** – At the mercy of sometimes confusing shutdown policies, businesses operated with positivity and the community in mind.
- **COLLABORATION** – The unprecedented collaboration between our organization, the City of Roseville and other community partners allowed for ambient streetside restaurant decks, branded umbrellas and decorative barriers to be constructed on Vernon in record time.



- **COMMUNITY SUPPORT** – The community was receptive and responsive to our efforts to support businesses… Record attendance was recorded at Paint the Town Pink, our drive-thru Halloween event and 2nd Annual Roseville Mural Project.

Downtown Roseville Partnership has proven that there is power in community. It continues to be my pleasure to serve my hometown in this way and I look forward to the healthy return of future events as conditions allow. In the meantime, we will persist.

In good health,

Mark Vespoli
2020 President,
Downtown Roseville Partnership Board of Directors

2020 Board of Directors

Dave Brown is the board chair of Wellness Within Cancer Support Services, providing services to cancer patients, caregivers and survivors. Dave's personal mission is to support and promote the nonprofits and arts in our district. Dave's personal mission is to support and promote the nonprofits and arts in our district.

Tom Carlson is the owner of Carlson Tax Consultants Inc. and a member of the AICPA and the Roseville Area Chamber of Commerce. As a board member with DRP, he is able to serve downtown business and property owners and give back to the local business community. He is able to serve the downtown business and property owners and give back to the local business community.

Mike Esparza is president and CFO of All-Cal Insurance Agency. He owns properties located at 501, 503 and 505 Vernon Street and joined the DRP board to further the future plans and expected growth of the District.

Jamie Hazen is the owner of Jamie Hazen Consulting. She has been active in our community for decades and serves on the board for the Downtown Roseville Merchants, the Roseville Police Activities League and the Performing Arts of Roseville.

David Herrick SVP/Controller for Consolidated Communications, one of the larger employers in Downtown Roseville. He enjoys supporting the interests of residents and businesses.

David Piches (incoming president) founded Piches Architecture at 115 Taylor Street in Downtown Roseville. He has served on many boards, including the Roseville Area Chamber of Commerce, Roseville Merchant's Association, Roseville Arts Center and Roseville Urban Forest Foundation. With DRP, Dave works to foster creative design solutions and encourage actions that will maintain existing improvements.

Lisa Peters (incoming vice president) is the CEO and president of Randy Peters Catering and Events Center, a certified woman-owned business, and 105 Noshery. Lisa has been a staple in the business community for decades and brings unparalleled experience as a small business owner.

Mark Vespoli owns several Downtown Roseville properties, including 219, 400, 404 and 601 Vernon Street and 106 Judah Street. He brings to the board the perspective of a property owner and entrepreneur in Downtown Roseville.

Wayne Wiley is the economic development manager for the City of Roseville, where he helps develop and implement economic development initiatives to ensure business enrichment within our community. Wayne has always had a passion for Downtown and enjoys working closely with the merchants, business owners and residents.

*__Kat Maudru__ is DRP's director of operations and instrumental in promoting Downtown through community and public relations.



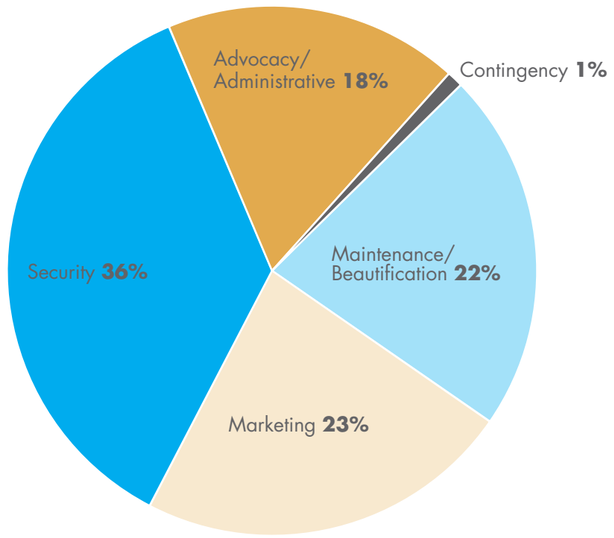
2020 Notables

- 105 Noshery is a new dining experience created by Randy and Lisa Peters, owners of Randy Peters Catering & Event Center. This full-service restaurant features breakfast, an espresso bar, lunch, dinner and a full bar.
- A Part Café, a new family-owned quick serve restaurant for fresh, locally-sourced Middle Eastern fusion comfort food, has opened at 217 Vernon Street.
- When limited to outdoor dining, worked quickly to erect patios shaded by free, branded umbrellas and decoratively painted concrete barriers to give restaurants options besides to-go and delivery.
- Downtown was adorned with new #WeAreRoseville banners, a simple reminder to support each other.
- We partnered with Blue Line Arts for Roseville's 2nd Annual Mural Project bringing relevant and engaging art and a safe outdoor activity to Downtown.
- Vernon Street looks spiffy after some power washing, branded window clings on vacant windows and a private security officer.
- The annual Placer Wine & Ale Trail Guide and website now feature Downtown Roseville.
- The ongoing day porter program ensures the District is safe, clean and inviting by offering information, directions, and updates on events.
- The community came through by attending Placer Breast Cancer Foundation's Paint the Town Pink, our Halloween drive-thru event and Salvation Army Roseville's Christmas Food Basket Campaign.
- Continued partnership with the City of Roseville to provide security services throughout the district
- Revised street signs with downtown thematic logos were installed on major roadways within the district.
- Lighting project to create mood lighting in the open plaza at 320 Vernon Street

Financials

Total Gross Budget	$346,916
2020 Allocation	$219,000
Adjusted Gross Budget	$240,200*

*Includes $21,200 funded from Reserves.









What to Expect in 2021

Vernon Street is now home to Root of Happiness, built to enjoy the culture and tradition of kava kava, a powerful medicinal plant that has been used for over 3,000 years as a natural sleep aid and relaxant.

Goldfield Trading Post, a relaxing bar and grill offering modern pub fare, draft beer and country western music, is opening in the location formerly occupied by Ninja Sushi.

New pedestrian crossing signals will be installed along Vernon Street to allow for safe, convenient and efficient traffic flow.

We look forward to further partnership with the City to install additional decorative street lighting.

In collaboration with City of Roseville, the second round of our Façade Grant Program will inspire additional property owners to improve building fronts.

We expect to again partner with Blue Line Arts for our 3rd Annual Mural Program, bringing dynamic artists and inspired works to our city.

Continuation of the Downtown Façade Grant program helping assist and incentivize reinvestment into our downtown business storefronts



GET IN TOUCH

Downtown Roseville Partnership
P. O. Box 238
Roseville, CA 95678
916.771.4475

CONNECT WITH US:

godowntownroseville.com

REGULAR MEETINGS

are held on the fourth Wednesday of every month at 3:00 pm at the Roseville Area Chamber of Commerce, 650 Douglas Boulevard. The public is always invited to attend.

Downtown Roseville Partnership
P. O. Box 238
Roseville, CA 95678

DOWNTOWN ROSEVILLE PARTNERSHIP

2020 ANNUAL REPORT





VISION

Downtown Roseville Partnership is an action-oriented, collaborative group of volunteers that champions a vibrant and authentic downtown.

MISSION

We are proactive in promoting, marketing and providing services that attract businesses and visitors to the District and manage the District's business affairs in a transparent, fiscally-responsible manner.





Downtown Roseville Partnership
Statement of Financial Position
As of December 31, 2020

		Total
ASSETS		
Cash	$	149,053.54
Accounts Receivable		23,236.38
Total Current Assets	**$**	**172,289.92**
Other Assets		
Organizational Costs, net of amortization		3,564.94
Website Design		14,049.00
Total Other Assets	**$**	**17,613.94**
TOTAL ASSETS	**$**	**189,903.86**
LIABILITIES AND EQUITY		
Liabilities		
Accounts Payable	$	-
Total Current Liabilities	**$**	**-**
Loan Payable		500.00
Total Long-Term Liabilities	**$**	**500.00**
Total Liabilities	**$**	**500.00**
Equity		
Retained Earnings		205,267.41
Net loss for year		(15,863.55)
Total Equity	**$**	**189,403.86**
TOTAL LIABILITIES AND EQUITY	**$**	**189,903.86**

Downtown Roseville Partnership
For the year ended December 31, 2020
Statement of Activity - Summarized

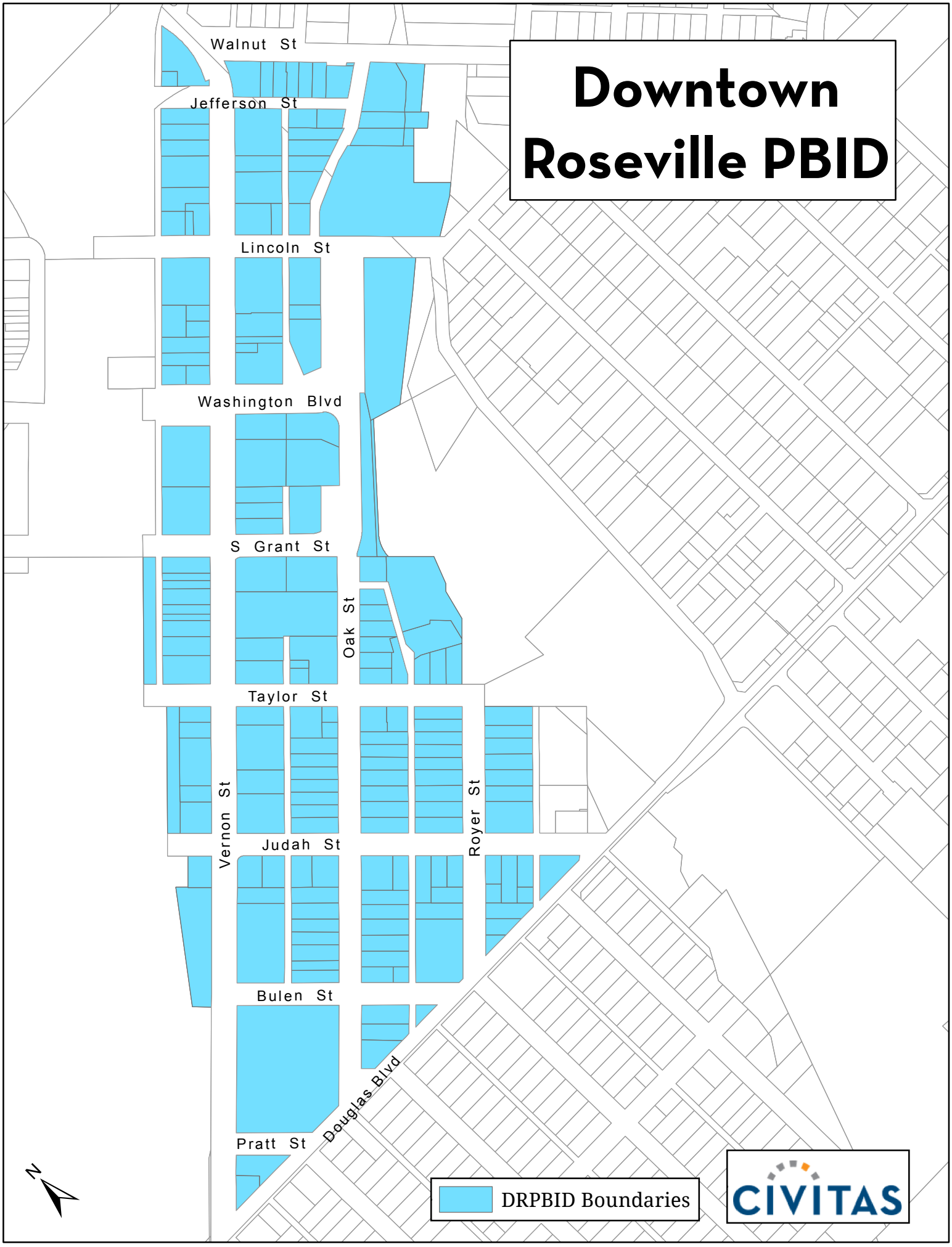
Revenue			
	Tax Assessments	$ 213,792	
	Sponsorship revenue	4,490	
		$ 218,282	
Expenditures by Category			
	Maintenance and Beautification	$ 50,412	22%
	Marketing	52,225	23%
	Security	80,947	36%
	Advocacy/Administrative	40,867	18%
	Contingency	1,560	1%
		$ 226,011	
Other Expenses		$ 8,134	
Net Operating Loss for the year		$ (15,864)	

Downtown Roseville Partnership
Statement of Activity
January - December 2020

		Total
Revenue		
Tax - Assessment Income		213,791.71
Sponsorship		4,490.00
Total Revenue	**$**	**218,281.71**
Expenditures		
Accounting Services		2,360.00
Administration - Consulting Fees		25,760.00
Advertising		25,080.15
Amortization Expense		8,515.00
Bank Charges		105.92
Donations		6,000.00
Dues & Subscriptions		215.00
Insurance		505.00
Insurance - Liability		1,666.00
Legal & Professional Fees		13,698.95
Maintenance		66,572.65
Marketing		14,883.55
Program Expense - Facade Grant		20,000.00
Program Expense - Lighting Project		3,500.00
Program Expense - Seasonal		3,135.35
Program Expense-Grant-Art Mural Program		4,500.00
Program Expenses - Covid Support		21,188.72
Security		15,000.00
Software		1,020.00
Supplies		428.97
Taxes & Licenses		10.00
Total Expenditures	**$**	**234,145.26**
Net Operating Loss	**$**	**(15,863.55)**

Downtown Roseville Partnership
Beginning and End of Year 2020 Reserves

Reserve Category	2020 BOY Reserve	Reserve Spent	2020 Unspent (Over)	2020 EOY Reserve
Improvements	$ 64,468	$ -	$ (11,121)	$ 53,347.10
Marketing & Events	(10,048)	-	13,260	3,212
Clean & Safe	65,774	21,200	(2,994)	41,580
Administration	13,008	-	4,972	17,980
Contingency & Reserve	(4,568)	-	9,354	4,786
	$ 128,635	**$ 21,200**	**$ 13,470**	**$ 120,905**


Downtown Roseville PBID
Walnut St
Jefferson St
Lincoln St
Washington Blvd
S Grant St
Oak St
Taylor St
Vernon St
Judah St
Royer St
Bulen St
Douglas Blvd
Pratt St
N
DRPBID Boundaries
CIVITAS

APN	FRONTAGE	LOT_SIZE	Assessment
013093001000	0	15,000	$2,008.50
013093004000	29	2,030	$525.71
013093005000	21	3,150	$605.64
013093006000	76	11,400	$2,191.84
013093007000	174	26,100	$5,018.16
013101024000	0	18,562	$2,485.45
013101026000	0	7,271	$973.59
013101028000	0	8,631	$1,155.69
013121002000	150	15,018	$3,324.16
013121004000	100.12	10,012	$2,217.16
013121005000	50	5,006	$1,108.05
013121006000	50.06	5,006	$1,108.58
013122001000	50.15	7,523	$1,446.39
013122002000	23.5	3,525	$677.74
013122003000	26	3,900	$749.84
013122004000	50	7,523	$1,445.08
013122005000	50	7,500	$1,442.00
013122009000	90.3	13,523	$2,601.31
013122010000	60.15	9,023	$1,734.79
013122011000	20	3,000	$576.80
013122012000	20	3,000	$576.80
013123017000	101.69	16,500	$3,099.65
013123018000	0	18,107	$2,424.53
013123021000	72.75	10,948	$2,102.86
013123027000	0	4,505	$603.20
013131013000	0	4,810	$644.06
013131014000	0	4,116	$551.13
013131016000	0	5,508	$737.52
013151004000	100	7,700	$1,906.53
013152002000	0	8,400	$1,124.76
013152012000	50	7,500	$1,442.00
013152016000	0	6,534	$874.90
013152017000	79.91	7,776	$1,740.82
013152018000	0	7,074	$947.21
013152019000	0	6,000	$803.40
013152020000	0	6,000	$803.40
013153003000	0	7,500	$1,004.25
013153007000	0	6,000	$803.40
013153008000	0	6,000	$803.40
013153009000	0	7,500	$1,004.25
013153013000	140	21,000	$4,037.60
013153014000	59	8,850	$1,701.56
013153019000	75.79	11,212	$2,164.83
013153021000	0	2,500	$334.75
013154001000	0	6,000	$803.40
013154004000	0	6,000	$803.40

013154010000	0	7,500	$1,004.25
013154014000	0	6,000	$803.40
013161002000	110.9	5,332	$1,684.88
013163001000	0	2,391	$320.15
013163003000	0	7,742	$1,036.65
013163004000	0	7,481	$1,001.71
013163005000	0	9,000	$1,205.10
013164001000	0	7,500	$1,004.25
013164003000	0	5,000	$669.50
013164010000	0	2,500	$334.75
013164015000	0	6,750	$903.83
013164016000	0	11,000	$1,472.90
013164017000	0	5,500	$736.45
013171005000	0	3,000	$0.00
013171007000	0	4,500	$602.55
013171008000	0	7,500	$1,004.25
013171009000	0	5,000	$669.50
013171011000	0	10,890	$1,458.17
013172020000	0	14,924	$1,998.32
013250032000	376	32,234	$7,608.01
013072008000	100	11,500	$2,415.35
013072009000	0	3,500	$468.65
013072010000	100	15,000	$2,884.00
013072011000	50	7,500	$1,442.00
013072012000	150	22,500	$4,326.00
013092005510	50	3,750	$939.88
013092006000	50	3,750	$939.88
013092007000	50	7,600	$1,455.39
013092008000	40.25	6,118	$1,171.59
013092009000	59.97	4,498	$1,127.32
013092010000	0	4,618	$618.35
013121003000	50	5,006	$166.20
013153023000	125.21	18,785	$541.72
013070001000	0	2,323	$311.04
013091003000	150	22,909	$4,380.76
013101025000	0	9,197	$1,231.48
013101027000	0	3,760	$503.46
013101029000	0	1,754	$234.86
013101031000	0	93,654	$12,540.26
013073011000	118	11,325	$382.42
013290001000	0	20,155	$2,698.74
013290002000	0	32,775	$4,388.56
013290003000	0	6,490	$869.00
013161001000	65	9,661	$279.40
013164018000	0	30,000	$602.54
013073016000	0	253	$33.88
013093003000	100	17,320	$479.20

013152021000	250	37,500	$1,081.50
013124023000	0	23,858	$3,194.58
013162001000	400	126,324	$3,062.52
013091010000	218.9	29,059	$5,807.46
013094001000	0	69,696	$9,332.28
013123026000	71.26	10,856	$2,077.50
013124006000	50	7,500	$1,442.00
013124007000	50	7,500	$1,442.00
013124008000	50	7,500	$1,442.00
013124011000	0	12,606	$1,687.94
013124017000	150	24,114	$4,542.10
013124018000	77.7	12,663	$2,375.84
013124022000	0	14,219	$1,903.92
013131021000	0	5,514	$738.32
013290004000	0	31,172	$4,173.92
013290005000	0	15,125	$2,025.24
013290007000	0	4,491	$601.34
013290009000	0	2,853	$382.02
013070004000	250	15,172	$4,220.28
013071001000	50	7,500	$1,442.00
013071002000	50	7,500	$1,442.00
013071003000	50	7,500	$1,442.00
013071004000	100	15,000	$2,884.00
013071007000	0	1,875	$251.06
013071009000	50	9,400	$1,696.40
013071010000	0	5,776	$773.40
013092011000	0	7,500	$1,004.24
013092014000	150	22,500	$4,326.00
013071006000	100	5,625	$244.30
013072006000	0	9,173	$184.24
013072007000	0	7,100	$142.60
013250013000	0	15,923	$2,132.08
013250014000	0	15,950	$2,135.70
013123025000	0	17714	$2,371.90
			$214,195.32
Removed later because incorrect use code applied by County Assessor			

COUNCIL COMMUNICATION

CC #: 1433
File #: 0200

Title:	City of Roseville Financial Policies for Fiscal Year 2021-22
Contact:	Dennis Kauffman 916-774-5313 dkauffman@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.17.

RECOMMENDATION TO COUNCIL

Staff recommends City Council adopt a resolution adopting the City of Roseville Financial Policies effective July 1, 2021, including the new Internal Service Funds - Operating and Replacement Reserves Policy.

BACKGROUND

On May 6, 2020 Council approved resolution 20-121 which adopted the financial policies that had been consolidated into one policy in July 2018 and then again approved on May 1, 2019. On March 17, 2021, Council approved a new Federal Stimulus Reserve Fund Policy, which is incorporated into the document recommended for approval. The Internal Service Funds - Operating and Replacement Reserves Policy is a new policy to formalize existing operating reserve practices and document long-term replacement reserve funding processes.

The purpose for these policies is to determine appropriate and responsible financial guidelines for staff to follow when developing the budget, making recommendations and fulfilling their role as fiscal stewards of public funds. As new policies are developed and approved by Council, they will be added to this document. Each year the policies will be reviewed by staff, updated where recommended and submitted to Council for approval. A brief summary of the current policies is provided below:

Investment Policy

The purpose of the Investment Policy is to establish cash management and investment guidelines for the Assistant City Manager/Chief Financial Officer, who is responsible for the stewardship of the City of Roseville's investment program. Each transaction and the entire portfolio must comply with the California Government Code Sections 53600 and 53635 et seq. and the Investment Policy. The Investment Policy conforms to the customary standards of prudent investment management and any changes to the policy must be adopted by the Council. The Investment Policy has been certified by the California Municipal Treasurers Association through their Investment Policy Certification Program.

The investment policy has been amended to conform with SB 998, which (1) allows certain local

agencies to invest no more than 40% of their moneys in eligible commercial paper, (2) limits certain local agencies to investing no more than 10% of their total investment assets in the commercial paper and the medium-term notes of any single issuer, and (3) allows a local agency to invest in securities issued by, or backed by, the United States government that could result in zero- or negative-interest accrual if held to maturity, in the event of, and for the duration of, a period of negative market interest rates.

Debt Management Policy and Swap Policy

The purpose of the Debt Management Policy and Swap Policy is to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City. There are only nonsubstantive changes to clearly demonstrate compliance with AB 1029.

Budget Development Policy

The purpose of the Budget Development Policy is to establish guidelines for developing the annual operating and capital budget. The policy maintains a citywide focus during the budget development process consistent with the General Principles of Governance adopted by the City Council. The policy includes guidelines for general revenues, a balanced budget and public involvement. There are no updates to this recently adopted policy.

General Fund Reserves Policy

The purpose of the General Fund Reserves Policy is to establish a targeted level of General Fund operating reserves, a basic component of a financially strong city. The policy maintains an amount equal to 10% of annual General Fund budgeted operating costs as the minimum level of funding in the City's General Fund Emergency Reserve and 15% of annual General Fund budgeted operating costs as the target level of funding for the City's new General Fund Stabilization Reserve Fund. Appropriation from the Emergency Reserve and Stabilization Reserve Funds require approval of at least four City Council members. The policy also includes the Litigation Reserve Fund which was established to address legal matters that require proactive handling and funding. There are no updates to the existing policy.

Federal Stimulus Reserve Fund Policy

The purpose of this Federal Stimulus Reserve Fund Policy is to establish a temporary Federal Stimulus Reserve Fund with the City's allocation of the federal stimulus (2021 Coronavirus State and Local Fiscal Recovery Funds) until one-time expenditures or transfers to other City funds are approved over the remaining course of the pandemic. The policy has been updated to reflect that the federal stimulus funding must be spent by December 31, 2024.

Internal Service Funds - Operating and Replacement Reserves Policy

The purpose of the Internal Service Funds - Operating and Replacement Reserves Policy is to establish (1) operating reserves to provide for continuity of service in the event of unanticipated changes to revenues or expenditures, particularly within a single fiscal year when charges for service on client operating departments already have been fixed through the adopted budget, and (2) replacement reserves to provide funding for capital improvement, rehabilitation, and replacement of capital assets, whose costs yield a burdensome or unaffordable peak in expenditure if assessed on client operating departments as they occur.

Capital Improvement Program Rehabilitation Funding Policy

The purpose of the Capital Improvement Program Rehabilitation Funding Policy is to address funding for the City's General Fund infrastructure rehabilitation and replacement. There are only nonsubstantive changes to clarify the names of the funds used for the rehabilitation funding

program.

Pension Funding Policy
The Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of pension benefits. The policy also provides guidance in making annual budget decisions; demonstrates prudent financial management practices; reassures bond rating agencies; and shows employees and the public how pensions will be funded. There are no updates to the existing policy.

Other Post-Employment Benefits (OPEB) Funding Policy
The purpose of the Other Post-Employment Benefits (OPEB) Funding Policy is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. This policy has been updated to remove the language that provided for escalating General Fund contributions, as a percentage of payroll, until the City achieved the full actuarially determined contribution amount. The policy now requires appropriating the actuarially determined contribution amount in all applicable City funds.

FISCAL IMPACT

Approval of the policies has no fiscal impact. However, implementation of the policies is expected to improve the fiscal position and financial health of the City. The Fiscal Year 2021-22 Proposed Budget is being developed based on these recommended financial policies.

ENVIRONMENTAL REVIEW

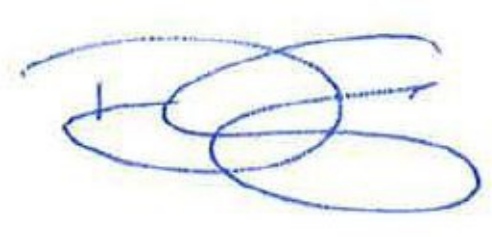
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The adoption of financial policies meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world

Respectfully Submitted,

Dennis Kauffman, Assistant City Manager/Chief Financial Officer



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-187

Financial Policies eff July 1 2021 Clean

Financial Policies eff July 1 2021 Redline

RESOLUTION NO. 21-187

ADOPTING THE CITY OF ROSEVILLE FINANCIAL POLICIES,
EFFECTIVE JULY 1, 2021

WHEREAS, the City of Roseville Financial Policies, effective July 1, 2021, have been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the city of Roseville that the City of Roseville Financial Policies, effective July 1, 2021 are hereby adopted.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

City of Roseville
Financial Policies



Effective July 1, 2021

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City of Roseville
Investment Policy

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I. INTRODUCTION

The purpose of this document is to identify various policies and procedures that enhance opportunities for a prudent and systematic investment policy and to organize and formalize investment-related activities.

The investment policies and practices of the City of Roseville (City) are based on state law and prudent money management. All funds will be invested in accordance with this investment policy and Article 2 of Chapter 4 of the California Government Code. This policy is in compliance with the provisions of the California Government Code, Sections 53600 through 53659, and the authority governing investments for municipal governments.

II. SCOPE

The investment policy applies to all financial assets of the City as accounted for in the Comprehensive Annual Financial Report (CAFR). Policy statements outlined in this document focus on the City's pooled funds, but will also apply to all other funds under the City's Assistant City Manager/Chief Financial Officer's span of control unless specifically exempted by statute or ordinance.

Proceeds of debt issuance shall be invested in accordance with the permitted investment provisions of their specific bond indentures. If, in the opinion of the City's Assistant City Manager/Chief Financial Officer, matching the segregated investment portfolio of the bond reserve fund with the maturity schedule of an individual bond issue is prudent given current economic analysis, the investment policy authorizes beyond the five year maturity limitation as outlined in this document. The intent to invest in securities with longer maturities shall be disclosed in the permitted investment language authorized by the City Council in an indenture of trust.

The policy does not cover funds held by the Public Employees Retirement System nor funds of the Deferred Compensation program or the Other Post Employment Benefit Trust.

III. PRUDENCE

The standard of care to be used by investment officials shall be the "prudent investor" standard and shall be applied in the context of managing an overall portfolio. The "prudent investor" standard states that:

When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

IV. OBJECTIVES

The primary objectives, in priority order, of the investment activities of the City shall be:

A. Safety

Safety of principal is the foremost objective of the investment program. City investments shall be undertaken in a manner that seeks to ensure preservation of Capital in the portfolio. To further achieve the safety objective, the amount invested in all investment categories is limited to a percentage of the portfolio as defined in the section “VIII. PERMITTED INVESTMENT INSTRUMENTS”.

B. Liquidity

The investment portfolio of the City will remain sufficiently liquid to enable the City to meet its cash flow requirements.

C. Return on Investment

The investment portfolio of the City shall be designed with the objective of attaining a market rate of return on its investments consistent with the constraints imposed by its safety objective and cash flow considerations.

V. DELEGATION OF AUTHORITY

The City Council hereby delegates management responsibly of the investment program to the Assistant City Manager/Chief Financial Officer. The Assistant City Manager/Chief Financial Officer shall be responsible for all transactions undertaken and shall establish

a system of controls to regulate the activities of subordinate officials. The Assistant City Manager/Chief Financial Officer may delegate investment decision making and execution to the Controller in absence of the Assistant City Manager/Chief Financial Officer. No person may engage in an investment transaction except as provided under the limits of this policy unless specifically exempted by statute or ordinance.

VI. ETHICS AND CONFLICT OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program, or which could impair their ability to make impartial decisions.

VII. AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

The Assistant City Manager/Chief Financial Officer and/or his/her designee will maintain a list of approved financial institutions authorized to provide investment services to the City in the State of California. These may include "primary" dealers or regional dealers that qualify under Securities & Exchange Commission Rule 15C3-1. A determination should be made to insure that all approved broker/dealer firms, and individuals covering the public agency, are reputable and trustworthy. In addition, the broker/dealer firms should have the ability to meet all of their financial obligations in dealing with the Public Agency. The firms, and individuals covering the agency, should be knowledgeable and experienced in Public Agency investing and the investment products involved. No public deposit shall be made except in a qualified public depository as established by the established state laws. All financial institutions and broker/dealers who desire to conduct investment transactions with the public agency must supply the Assistant City Manager/Chief Financial Officer with a completed broker/dealer questionnaire and certification of having read the City's investment policy. In addition, broker/dealers must certify annually of having read the City's investment policy.

VIII. PERMITTED INVESTMENT INSTRUCTIONS

The City shall limit investments in any one non-government issuer, except investment pools, to no more than 5% regardless of security type.

A. **U.S. Treasury obligations** for which the full faith and credit of the United States are pledged for the payment of principal and interest. Up to 100% of the City's investment portfolio may be invested in government obligations.

B. **Federal agency or United States government-sponsored enterprise obligations**, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. This shall include any mortgage pass

through security issued and guaranteed by a Federal Agency with a maximum final maturity of five years. Purchase of Federal Agency issued mortgage-backed securities authorized by this subdivision may not exceed 20% of the City's surplus money; all other investments in Federal Agency securities are unrestricted.

C. **Obligations of the State of California or any local agency within the state**, including bonds payable solely out of revenues from a revenue producing property owned, controlled or operated by the state or any local agency or by a department, board, agency or authority of the state or any local agency, provided that the obligations are rated in one of the two highest categories by a nationally recognized statistical-rating organization (NRSRO). Up to 100% of the City's investment portfolio may be invested in California municipal obligations.

D. **Registered treasury notes or bonds of any of the other 49 states** in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of these states.

E. **Repurchase Agreements** used solely as short-term investments not to exceed 30 days. Up to 100% of the City's investment portfolio may be invested in repurchase agreements.

The following collateral restrictions will be observed:

1. Only U.S. Treasury securities or Federal Agency securities, as described in section VIII. PERMITTED INVESTMENT INSTRUMENTS, paragraph (A) and (B) will be acceptable collateral. All securities underlying Repurchase Agreements must be delivered to the City's custodian bank by book entry, physical delivery, or by a third party custodial agreement. The total of all collateral for each Repurchase Agreement must equal or exceed, on the basis of market value, 102% of the funds borrowed against those securities. For any Repurchase Agreement with a term of more than one day, the value of the underlying securities must be reviewed on a weekly basis and the value of the underlying securities brought back up to 102% no later than the next business day.

2. Market value must be calculated each time there is a substitution of collateral.

3. The City or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to Repurchase Agreement.

4. The City may enter into Repurchase Agreements only with primary dealers of the Federal Reserve Bank of New York.

5. The City will have specific written agreements with each firm with which it enters into Repurchase Agreements.

6. Reverse repurchase agreements will not be allowed.

F. **Banker's Acceptances**, otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank.

Purchases of Banker's Acceptances may not exceed 180 days maturity or 40% of the City's investment portfolio.

G. **Commercial paper** of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in section "VIII. PERMITTED INVESTMENT INSTRUMENTS", paragraph (G1) or (G2).

1. The entity meets the following criteria:

   a. Is organized and operating in the United States as a general corporation.

   b. Has total assets in excess of five hundred million dollars ($500,000,000).

   c. Has debt other than commercial paper, if any, that is rated "A" or higher by a NRSRO.

2. The entity meets the following criteria:

   a. Is organized within the United States as a special purpose corporation, trust, or limited liability company.

   b. Has program wide credit enhancements including, but not limited to, over collateralizations, letters of credit, or surety bond.

   c. Has commercial paper that is rated "A-1" or higher, or the equivalent, by a NRSRO.

Purchases of eligible commercial paper may not exceed 270 days maturity nor represent more than 10% of the outstanding paper of an issuing corporation.

Purchases of commercial paper may not exceed 40% of the City's investment portfolio.

H. **Medium-term corporate notes** issued by corporations organized and operating within the United States or by depository institutions licensed by the U.S. or any state and operating within the U.S. Medium-term corporate notes shall be rated in a rating category "A" or its equivalent or better by a nationally recognized rating service.

Purchase of medium-term corporate notes may not exceed 30% of the City's investment portfolio.

I. **FDIC insured or fully collateralized time certificates of deposit.** Purchases of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

J. **Negotiable certificates of deposit or deposit notes** issued by a nationally or state-chartered bank, a state or federal savings and loan association, a state or federal credit union, or a federally-licensed or state-licensed branch of a foreign bank provided that the senior debt obligations of the issuing institution are rated "A" or better by an NRSRO.

The legislative body of a local agency and the treasurer or other official of the local agency having legal custody of the money are prohibited from investing local agency funds, or funds in the custody of the local agency, in negotiable certificates of deposit issued by a state or federal credit union if a member of the legislative body of the local agency or any person with investment decision making authority in the administrative office manager's office, budget office, auditor-controller's office, or treasurer's office of the local agency also serves on the board of directors, or any committee appointed by the board of directors, or the credit committee or the supervisory committee of the state or federal credit union issuing the negotiable certificates of deposits.

All certificates of deposit must be properly collateralized in accordance with Section 53652 of the California Government Code or fully insured by the Federal Deposit Insurance Corporation (FDIC).

Purchase of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

K. **State of California's Local Agency Investment Fund**

The Local Agency Investment Fund (LAIF) portfolio should be reviewed periodically. Investment in LAIF may not exceed the legally authorized limits.

L. **Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission** under the Investment Company Act of 1940 (15 U.S.C. Sec. 80a-1, et seq.). To be eligible for investment pursuant to this subdivision these companies shall either: (1) have attained the highest ranking or the highest letter and numerical rating provided by not less than two nationally recognized statistical rating organizations or (2) have an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds and with assets under management in excess of $500,000,000.

The purchase price of shares of beneficial interest purchased shall not include any commission that the companies may charge and shall not exceed 20% of the City's investment portfolio. Further, no more than 10% of the City's investment portfolio may be invested in shares of beneficial interest of any one money market fund.

M. **Shares in a California common law trust** established pursuant to Title 1, Division 7, Chapter 5 of the Government Code of the State of California that invests exclusively in investments permitted by Section 53635 of Title 5, Division 2, Chapter 4 of the Government Code of the State of California, as it may be amended. Up to 100% of the City's investment portfolio may be invested in this investment type.

N. **Supranationals** are United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB), with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA-", its equivalent, or better by an NRSRO.

Purchases of supranationals shall not exceed 30% of the investment portfolio of the City. Supranationals are permitted by California Government Code § 53601 (q) effective January 1, 2015.

O. **A mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-back certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond**. Securities eligible for investment under this subdivision shall be rated in a rating category of "AA" or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. No more than 20% of the City's surplus funds may be invested in this type of security.

Where this section specifies a percentage limitation for a particular category of investment, that percentage is applicable only on the date of purchase. Credit criteria listed in this section refers to the credit of the issuing organization at the time the security is purchased. If an investment falls below the minimum purchase rating, the Investment Review Committee will perform a timely review to sell or hold the investment.

P. **Prohibited Investments**

For purposes of this policy, a derivative is defined as any security where the value is linked to or derived from an underlying asset or benchmark. Any security type or structure not specifically approved by this policy is hereby specifically prohibited. The City will not use such derivatives as range notes, dual index notes, inverse floating rate notes, deleveraged notes, or notes linked to lagging indices or to long term indices, nor will the City invest in reverse repurchase agreements or interest-only strips derived from a pool of mortgages. The City will not invest in securities that could result in zero or negative interest accrual if held to maturity, except, in the event of, and for the duration of, a period of negative market interest rates, securities issued by, or backed by, the U.S. Government to preserve principal. This policy does not preclude the use of repurchase agreements and callable securities, as they do not fall within the definition of a derivative as described herein.

Summary of Maximum Percentage Limitations of Investments by Investment Type

Authorized Investment Type	Maximum Maturity	Minimum Credit Quality at Time of Purchase	Maximum Percentage Allowed	Maximum Investment In One Issuer
U.S. Treasury Obligations	5 Years	None	None	None
U.S. Agency Securities	5 Years	None	None	None
Forward Delivery Agreements	N/A	A	None	None
Local Agency Bonds	5 Years	None	None	None
Repurchase Agreements	30 days	None	None	None
Bankers' Acceptances	180 days	None	40%	30%
Commercial Paper	270 days	A-1	40%	10%
Medium-Term Notes	5 Years	A	30%	10%
Collateralized Time Deposits	5 Years	None	30%	None
Negotiable Certificates of Deposit	5 Years	A	30%	None
Local Agency Investment Fund (LAIF)	N/A	None	None	LAIF limit
Insured Saving Accounts	N/A	None	None	None
Money Market Mutual Funds	N/A	None	20%	10%
Shares in a California Common Law Trust	N/A	None	None	None
Interest Rate Swaps	N/A	None	None	None
Supranationals	5 Years	AA-	30%	None
Mortgage Pass-Through Securities	5 Years	AA	20%	None

IX. REVIEW OF INVESTMENT PORTFOLIO

The securities held by the City must be in compliance with Permitted Investments at the time of purchase. Because some securities may not comply subsequent to the date of purchase, the Assistant City Manager/Chief Financial Officer shall at least annually review the portfolio to identify those securities that do not comply. The Assistant City Manager/Chief Financial Officer shall report major and critical incidences of noncompliance identified through the review of the portfolio.

The Investment Review Committee will meet at least quarterly to discuss the investments in the City's portfolios.

X. INVESTMENT POOLS

A thorough investigation of any investment pool is required prior to investing and should be monitored on an ongoing basis. The following information should be obtained and analyzed.

A. A description of eligible of investment securities.

B. A written statement of investment policies and objectives.

C. A description of interest calculations and their distribution, and the treatment of gains and losses.

D. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.

E. A description of who may invest in the program, how often, and what size of deposits and withdraws are allowed.

XI. COLLATERALIZATION

Collateral for Non-negotiable Certificates of Deposit and Negotiable Certificates of Deposit must comply with California Government Code section 53652. In addition, if the Certificate of Deposit is not FDIC insured, collateral is required equal to 110% of principal.

XII. SAFEKEEPING AND CUSTODY

The City shall take from such financial institution a receipt for securities so deposited. All security transactions, including collateral for repurchase agreements, entered into the City shall be conducted on a delivery-versus-payment (DVP) basis pursuant to the approved custodial safekeeping agreements. The authority of the legislative body to deposit for safekeeping may be delegated by the legislative body to the Assistant City Manager/Chief Financial Officer of the City; the Assistant City Manager/Chief Financial Officer shall not be responsible for securities delivered to and receipted for by a financial institution until they are withdrawn from the financial institution by the Assistant City Manager/Chief Financial Officer.

XIII. DIVERSIFICATION

The City's investment pool will be diversified to avoid incurring unreasonable and avoidable risks. The investments will be diversified by security type, maturities of those investments, and institutions in which those investments are made.

XIV. MAXIMUM MATURITY

Investment maturities shall be based on a review of cash flow forecasts. Maturities will be scheduled so as to permit the City to meet all projected obligations while minimizing interest rate risk and maximizing earnings. Unless specified below, the maximum maturity will be no more than five years from purchase date to maturity date.

City Council has granted permission to invest the following fund accounts where liquidity is not the primary investment objective, in Federal Treasury or Agency securities with maturities up to ten years. The specified fund accounts include:

- The City's Pooled Fund, limited to 25% of the total pool
- Citizens' Benefit Trust
- North Central Wetlands Endowment
- Aquatics Complex Maintenance
- Woodcreek West Endowment

XV. INTERNAL CONTROLS

The Assistant City Manager/Chief Financial Officer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the City are protected from loss, theft, fraud or misuse. An analysis by an external independent accounting firm shall be conducted annually to review internal controls, account activity, and compliance with the investment policies.

XVI. PERFORMANCE BENCHMARK

The investment portfolio will be designed to obtain a market rate of return during budgetary and economic cycles, taking into account the City's investment risk constraints and cash flow needs. The Investment Review Committee has elected to use for its performance standard the Constant Maturity Treasury (CMT) Index. For the Pooled Portfolio, the 12 month moving average yield on 3Yr CMT will be used and for Citizens' Benefit Trust portfolio, the 12 month moving average yield on 5Yr CMT will be used. All other City portfolios will follow the 2Yr CMT.

XVII. REPORTING REQUIREMENTS

The Assistant City Manager/Chief Financial Officer shall submit monthly investment reports to the City Manager and make these reports available to the City Council in the Finance Department office. The reports shall include, at a minimum, the following information for each individual investment:

- Description of investment instrument
- Issuer name
- Yield on cost
- Purchase date
- Maturity date
- Book value
- Par value
- Current market value
- Transaction activity
- Interest earnings summary

XVIII. INVESTMENT POLICY ADOPTION

The City's investment policy shall be adopted by resolution by the City Council. The policy shall be reviewed annually by the Assistant City Manager/Chief Financial Officer and/or his/her designee and any modifications made thereto must be approved by the City Council.

XIX. GLOSSARY

Agencies - Federal agency and instrumentality securities.

Asked - The price at which securities are offered.

Bid - The price offered by a buyer of securities (when one sells securities, one asks for a bid). See "Offer".

Benchmark - A comparative base for measuring the performance or risk tolerance of the investment portfolio. A benchmark should represent a close correlation to the level of risk and the average duration of the portfolio's investments.

Broker-Dealer – a person or a firm who can act as a broker or a dealer depending on the transaction. A broker brings buyers and sellers together for a commission. They do not take a position. A dealer acts as a principal in all transactions, buying and selling for his own account.

Certificate of Deposit (CD) – A time deposit with a specific maturity evidenced by a Certificate. Large-denomination CDs are typically negotiable.

Collateral – Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

Custody – Safekeeping services offered by a bank, financial institution or trust company, referred to as the "custodian." Service normally includes the holding and reporting of the customer's securities, the collection and disbursement of income, securities settlement and market values.

Delivery Versus Payment –A type of securities transaction in which the purchaser pays for the securities when they are delivered either to the purchaser or custodian. It ensures that securities are deposited in an eligible financial institution prior to the release of funds. Securities should be held by a third-party custodian as evidenced by safekeeping receipts.

Diversification – Dividing investment funds among a variety of securities offering independent returns.

Federal Agency Obligation – A debt instrument issued by one of the federal agencies. Federal agencies are considered second in credit quality and liquidity only to U.S. Treasuries.

Investment Review Committee –The investment review committee consists of the City Manager, Assistant City Manager/Chief Financial Officer and members of the Finance Department.

Liquidity – An investment that can be converted easily and rapidly into cash without a substantial loss of value.

Local Agency Investment Fund (LAIF) – The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment.

Market Value – The price at which a security is trading and could presumably be purchased or sold on a specific date.

Maturity – The date upon which the principal or stated value of an investment becomes due and payable.

Money Market Fund – a type of safe investment comprising a variety of short-term securities with high quality and high liquidity. The fund provides interest to shareholders and must maintain a stable net asset value (NAV) of $1 per share.

Offer - The price asked by a seller of securities (when one buys securities, one asks for an offer). See "Asked" and "Bid".

Portfolio – Collection of securities held by an investor.

Principal – the original cost of a security. It represents the amount of capital or money that the investor pays for the investment.

Prudent Investor Standard – An investment standard that all investments should be made with care, skill, prudence and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Rate of Return - The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity; on a bond, the current income return.

U.S. Treasury – Government debt issued by the United States Department of the Treasury through the Bureau of the Public Debt. Treasury securities are the debt financing instruments of the United States federal government, and they are often referred to simply as Treasuries. There are four types of marketable treasury securities: Treasury bills, Treasury notes, Treasury bonds, and Treasury Inflation Protected Securities (TIPS). All of the marketable Treasury securities are very liquid and are heavily traded on the secondary market.

Yield - The rate of annual income return on an investment, expressed as a percentage.

Yield-To-Call (YTC) - The rate of return an investor earns from a bond assuming the bond is redeemed (called) prior to its nominal maturity date.

Yield-To-Maturity - The current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity.

City of Roseville
Debt Management Policy

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I. INTRODUCTION

The Finance Department of the City of Roseville (the "City") has developed this Debt Management Policy (the "Debt Policy") to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City.

While the issuance of debt is frequently an appropriate method of financing capital projects and major equipment acquisitions, such issuance must be carefully monitored to preserve the City's credit strength and to provide the necessary flexibility to fund future capital needs.

II. SCOPE

This Debt Policy shall govern, except as otherwise covered by the law, City Charter and City Code, the issuance and management of all debt and lease financings funded in the capital markets. While adherence to the Debt Policy is desired, the City recognizes that changes in the capital markets as well as unforeseen circumstances, may from time to time produce situations that are not covered by the Debt Policy and may require modifications or exceptions to achieve City goals.

The City's Debt Policy shall be reviewed, and updated if necessary, on an annual basis. The Chief Financial Officer (CFO) with the assistance of the General Accounting staff shall have the responsibility and authority for structuring, implementing and managing the City's debt and financing program, in accordance with City Council authorizations.

III. OBJECTIVES AND POLICY GOALS

The City has earned some of the highest credit ratings in the nation and as a result receives some of the lowest possible interest rates on its debt. These low interest rates result in a lower overall cost of capital to the City. This Debt Policy will assist the City in determining appropriate uses of debt financing, establish certain debt management goals and assist the City in maintaining its high credit ratings, while assuming a prudent level of financial risk and preserving the City's flexibility to finance future capital programs and requirements. Additionally, this Debt Policy is intended to set forth criteria for selecting firms to provide certain financial, legal, and other related services that will ensure that a fair and open selection process is used which provides opportunities for all qualified firms, including minority and women owned businesses.

IV. DEBT ISSUANCE

There are three general methods of issuing debt obligations, a competitive sale, negotiated sale and private placement.

A. Types of Bond Sales

1. Competitive Sale

In a competitive sale, security dealers submit bids either in a sealed bid or electronically secure process and the security dealer with the lowest True Interest Cost (TIC) and in compliance with the bid parameters is awarded the bonds.

2. Negotiated Sale

In a negotiated sale, an underwriter or underwriter syndicate is selected through a Request for Qualifications (RFQ) process or a Request for Proposal (RFP) process. The interest rate and underwriter's fee are negotiated prior to the sale, based on market conditions.

3. Private Placement/Bank Direct Purchase (BDP)

A private placement or bank direct purchase is a sale that is structured specifically for one purchaser, such as a mutual fund or a bank. BDPs are usually quicker and less expensive for municipalities than competitive or negotiated bond sales because they impose fewer requirements on the issuer. The interest rate may be a fixed or variable rate, as agreed between the issuer and purchaser. The term of the bonds may range from under 10 years to 15 years or not much longer, as agreed between the issuer and purchaser. The bonds may or may not be tax-exempt bonds for federal income tax purposes. If the CFO, or his/her designee, determines that it is in the best interest of the City from a cost or administrative standpoint, the Finance Department may negotiate financing terms with banks and financial institutions for specific borrowings.

It shall be the policy of the City to ensure the lowest risk and lowest overall interest rate to the City when issuing debt either through a competitive sale, negotiated sale or private placement, where appropriate. The City shall use the following criteria to determine whether a competitive or negotiated sale should be used.

B. Issuer Characteristics

1. Market Familiarity

A frequent issuer of a well-recognized credit such as general obligation bonds can generally sell these bonds through a competitive sale since investors and underwriters are familiar with the quality of the credit. A negotiated sale may be appropriate if extensive pre-marketing to investors is desired or required.

2. Credit Strength

The higher the credit quality of the bonds being issued, the more likely the bonds can be sold using a competitive sale due to the high demand for high quality municipal bonds. High quality credits fare well in competitive sales.

3. Policy Goals

A competitive sale does not provide the City with the flexibility of choosing the underwriter or underwriter syndicate. If the CFO concludes that determining the composition of the underwriter syndicate to achieve certain policy objectives is important, then a negotiated sale will be required. However, if the CFO selects the negotiated sale solely for policy reasons then the specific rationale and criteria for selection should clearly be specified.

C. Financing Characteristics

1. Type of Debt Instrument

The market favors familiar debt instruments such as general obligation bonds backed by the full faith and credit of the City. New credit types may require an education process that is more conducive to a negotiated sale until the market becomes comfortable with the credit.

2. Issue Size

The size of the bond sale will influence both investor interest in the bonds and the market's ability to absorb the bonds. In general if the bond sale is too small or too large, a negotiated sale may be necessary. A small sale may require greater marketing to garner investor interest while a

large sale may be difficult for the market to absorb without the presale activity available in the negotiated sale process.

3. Market Conditions and Timing

During periods of stable interest rates, market timing is not as critical. However, during periods of volatile interest rates, the timing of the sale becomes more critical. Bond refundings are also often very interest rate sensitive in terms of the potential level of savings or the general feasibility of the refunding. The negotiated sale provides more flexibility in terms of the structure of the bond sale as well as the timing of the bond sale and may be more appropriate when issuing refunding bonds and when interest rates are volatile.

4. Story Bonds

Bonds that require a detailed explanation due to the complexity of the credit or the repayment of the bonds are often referred to as "Story Bonds". Due to their complexity and the additional explanation these bonds require, an extensive pre-marketing campaign is necessary. Story Bonds often require a negotiated sale composed of an underwriting syndicate that is qualified to market the bonds in order to obtain the lowest financing cost for the City.

V. FINANCIAL SERVICE PROVIDERS

A. Selection

In connection with debt financings, financial advisors, underwriters, and other service providers will be selected from a Qualified Vendors List (QVL) developed through a periodic Request for Qualifications (RFQ) process or, for individual financings, through a Request for Proposals (RFP) process, whichever method is deemed most appropriate given the specifics of the financing. At the discretion of the CFO, contracts may be awarded on a sole source basis if it is clear that an RFQ/RFP process is not feasible or not in the best interest of the City.

For competitive sales, any security dealer meeting the qualification criteria outlined in the competitive bid notice may bid in the competitive sale. For negotiated sales, only those underwriters qualified under the RFQ/RFP process may be selected. Underwriters or underwriter syndicates will be selected by the CFO. The allocation of bonds among syndicate members will be at the sole discretion of the CFO with the approval of the City Manager or his/her designee.

B. Use of Independent Financial Advisors

The City will hire financial advisors who are independent. In the event the best available financial advisor is an investment banking firm, the firm will under no circumstances be permitted to participate as the lead underwriter or as a member of an underwriter syndicate that is bidding on the bonds for which the firm is acting as a financial advisor. In addition, if the firm has any profit sharing or other type of agreement with any member of the underwriting syndicate for the transaction in question, they will not be allowed to act as the financial advisor. In general, no agreement will be permitted that would compromise the firm's ability to provide independent advice or that could be reasonably perceived by the City as a conflict of interest. Advisors must alert the CFO, in writing, of any conflict, potential conflict, or potentially perceived conflict prior to entering into an agreement with the City, or if occurring after entering into an agreement with the City, as soon as the conflict, potential conflict, or potentially perceived conflict arises.

C. Communication/Solicitation

All financial consultants, including all investment banking firms, financial advisors, bond counsel, and other consultants hired in connection with any bond transaction will direct all communications, solicitations and questions to the CFO or his/her designee. Underwriters are reminded that under Rule G-37 of the Municipal Securities Rulemaking Board (MSRB) that a firm may be banned from providing underwriting services to the City for two years for making any political contributions to elected City officials.

VI. DEBT MANAGEMENT PROCESS – TAX STATUS

Prior to the issuance of any bonds, the Finance Department, in conjunction with bond counsel and the City Attorney's Office will evaluate the tax status of any bond sales.

A. Tax-Exempt

Interest on tax-exempt bonds is excluded from the gross income of its owners for federal income tax purposes and from California income taxes and as a result tax-exempt bonds can be sold at a lower true interest cost than taxable bonds. The City, along with bond counsel, will evaluate all projects to be funded to assess their eligibility to be funded by tax-exempt bonds. The City will make every effort to ensure that all tax regulations are complied with to ensure the bonds maintain their tax-exempt status.

B. Taxable

Certain municipal bonds are sold as taxable bonds because they are issued for purposes that the federal government deems do not provide a significant benefit to the public at large or involve "private activity". In addition, certain tax laws such as the alternative minimum tax (AMT) reduced the tax exemption applicable to certain types of bonds and to certain taxpayers. Taxable bonds will be used whenever a particular project has the potential for private activity or other uses that may call into question the eligibility to use tax-exempt financing.

VII. DEBT MANAGEMENT PROCESS – TYPE OF DEBT

A. Fixed Rate Debt

Longer term debt usually consists of fixed interest rates over the term of the bonds and should be used to finance essential capital facilities, projects and certain equipment where it is appropriate to spread the cost of the project over more than one budget year and generally for a period not to exceed the useful life of the project being financed. In so doing, the City recognizes that future taxpayers who will benefit from the project will pay a share of its cost. Fixed rate debt provides the benefit of fixed payments during the life of the bonds and budget certainties for long-term capital planning. However, fixed rate debt is typically longer term and carries higher interest payments (assuming an upward sloping yield curve) than variable rate debt but is not subject to changes in interest rates. Fixed rate debt is the most common type of debt issued by the City.

B. Variable Rate Debt

The municipal bond market has developed several vehicles by which municipalities can borrow at short-term, variable interest rates. Variable Rate Demand Notes may be issued with interest rates that "reset" daily, weekly, monthly or semiannually at the option of the City. Commercial paper is issued with a maturity of up to 270 days at the City's option. As the commercial paper matures, it is resold by a commercial paper dealer for another period up to 270 days.

These products are structured as a rolling series of short-term investments and therefore are priced at the short-end of the yield curve at lower interest rates than long-term fixed rate bonds (assuming an upward sloping yield curve). By accepting the risks inherent in variable interest rates, the City can take advantage of the lowest rates available in the current market.

Factors that will be considered in the use of variable rate debt are the availability and size of fund balances to cover variable rate risk, and the budget flexibility of the program being financed. Programs with large complex capital programs may use short-term financing to fund uncertain construction cash flow requirements. The short-term debt can be refinanced as fixed-rate, long term debt once the projects are complete. A project that must be carried in anticipation of grant funding may also be a candidate for the use of variable rate financing. Examples are the Electric, Water, and Wastewater enterprise funds.

C. Use of Alternative Debt Instruments

1. Derivative Products

The use of certain derivative products, such as swaps, swaptions and the sale of call options, allow the City to realize lower all-in costs on a new debt issuance or to receive an upfront payment. One type of swap that may be used would allow the City to issue variable rate debt in exchange for fixed payments that are typically lower than fixed rate debt. However, such products have unique risks that the City and its financial advisors will evaluate as per the City's Swap Policy. The current Swap Policy is included in Appendix A.

VIII. DEBT MANAGEMENT PROCESS – DEBT CAPACITY

The determination of how much indebtedness the City can afford begins by assessing the sufficiency of future revenues. The amount of debt issued is based on the requirements of the approved 5-year CIP, subject to the condition that sufficient revenues are projected to be available. Factors such as debt service coverage requirements outlined in the bond indentures, the impact on the citizens (tax rates), and any impact on the bond ratings will be carefully considered. Different factors are considered for each type of credit. For example, Revenue or Certificates of Participation bonds for electric, water and wastewater bonds will consider the impact on customer utility bills. In the case of general obligation debt, State Statutes and the Constitution limit the amount of debt that a municipality can have outstanding.

IX. DEBT MANAGEMENT PROCESS – SECURITY OF DEBT

A. General Obligation (G.O.) Bonds

G.O. bonds are backed by the full-faith and credit of the City and are secured by secondary property taxes.

B. Revenue Bonds

Revenue bonds are supported solely from fees generated from specific Enterprise Funds. Accordingly, in order to preserve debt capacity and budget flexibility, the City will issue revenue bonds when an identifiable revenue stream can be dedicated to support the payment of debt service. The final maturity of revenue obligations will be determined by the expected life of the project to be financed and the revenues available to repay the debt. The City's various Enterprise Funds – Electric, Water, and Wastewater issue bonds backed by revenues of the enterprise. Revenue bonds are generally issued through the Roseville Finance Authority.

C. Certificates of Participation (COP) Bonds

COP bonds are an instrument evidencing a pro rata share in a specific pledged revenue stream, usually lease payments by the issuer that are typically subject to annual appropriation. The certificate generally entitles the holder to receive a share, or participation, in the payments from a particular project. The payments are passed through the lessor to the certificate holders. The lessor typically assigns the lease and the payments to a trustee, which then distributes the payments to the certificate holders.

D. Housing Bonds

Tax-exempt housing bonds are an important source of capital, providing loans for single-family homeownership and rental housing for very-low, low and moderate-income individuals and families. The relatively low tax-exempt interest rates, combined with federal, state, and local housing assistance programs, provide the necessary subsidy to create a supply of much needed, below market interest-rate loans.

E. Community Facilities District (CFD) Bonds

CFD bonds are issued and backed entirely by a Community Facilities District established under State Statutes for the purpose of managing and financing public improvements within the district boundaries. Any CFDs established in the City are reviewed by the Finance Department and the Finance Department will supervise the issuance of the debt on behalf of the CFD with the CFD paying all costs of issuance including administrative support. The creation of a CFD must be approved by City Council and follow a detailed legal process. Please refer to the City's Goals and Policies Concerning Use of Mello-Roos Community Facilities Act of 1982, available on the City's website, concerning CFD bonds.

F. Special Assessment Bonds

Special assessment bonds are a special type of municipal bond used to fund development projects that benefit a discrete group of taxpayers within a special assessment district. Principal and interest owed on the bonds is paid from assessments on the property benefiting from the particular bond-funded project. The creation of an Assessment District must be approved by City Council and follow a detailed legal process.

X. DEBT MANAGEMENT PROCESS – PURPOSE OF FINANCING

Generally, financings may be undertaken to fund new projects "new money financing" or to refund existing bonds.

A. New Money Financing

New money issues are those financings that generate funding for capital projects. These funds will be used for necessary land acquisitions, capital construction, equipment, and other items for the City. New money bond proceeds are generally not used to fund operational activities. The City also may use its commercial paper programs to provide interim new money funding. The commercial paper notes are retired upon receipt of bond proceeds from a long-term fixed rate financing.

B. Refunding Bonds

A periodic review of the City's outstanding debt will be undertaken by the Finance Department to determine refunding opportunities.

Refunding bonds are issued to retire all or a portion of an outstanding bond issue. Most typically this is done to refinance at a lower interest rate to reduce overall debt service. Alternatively, some refundings are undertaken for reasons other than to achieve cost savings, such as to restructure debt service payments, to change the type of debt instruments being used, or to eliminate undesirable covenants.

In any event, a present value savings analysis must be prepared that identifies the economic effects of any refunding being considered by the City. The savings from any particular refunding candidate shall generally be at least 5% of the refunded par amount, net of all transaction expenses. This 5% savings target may be waived by the CFO, or his/her designee, upon a finding that such a refunding is in the City's best overall financial interest and shall not be applicable for refunding transactions that are not solely undertaken to achieve cost savings.

XI. DEBT MANAGEMENT PROCESS - CREDIT RATINGS

The City seeks to obtain and maintain the highest possible credit ratings for all categories of short- and long-term debt. The City will not issue bonds that do not carry investment grade ratings.

A. Rating Agency Relationships

The CFO, or his/her designee, shall be responsible for maintaining relationships with rating agencies that assign ratings to the City's various debt obligations. This responsibility shall include coordinating meetings and presentations in conjunction with the issuance of debt. Full disclosure of operations and open lines of communication shall be maintained with the rating agencies used by the City.

B. Use of Rating Agencies

The City may obtain a rating from at least one nationally recognized rating agency on all new bond issues being sold in the public market. The CFO, or his/her designee, shall determine whether or not any additional ratings will be requested on a particular financing. The CFO, or his/her designee, shall determine which major rating agencies will be asked to provide a rating. Exceptions to this requirement, such as when using a private placement, are permissible, if warranted by the circumstances and approved by the CFO, or his/her designee.

The City and/or the financing team shall notify the rating agencies by telephone or through written correspondence when the City anticipates issuing bonds. Bond documentation shall be sent several weeks prior to the bond sale to the selected rating agencies in order to provide the rating agencies sufficient time to perform their review. A personal meeting with the selected rating agencies may be scheduled if, in the opinion of the CFO, or his/her designee, such a meeting is in the best interest of the City in order to obtain the highest possible credit rating.

The City shall make every reasonable effort to maintain or improve its high quality credit ratings.

The City may request an underlying rating and an insured rating on all bond issues utilizing bond insurance.

The City shall submit its audited comprehensive annual financial report to all rating agencies utilized by the City.

XII. DEBT MANAGEMENT PROCESS – CREDIT ENHANCEMENT

Although the City has high credit ratings, credit enhancement through the use of bond insurance or a bank facility such as a letter of credit to strengthen the underlying credit rating of certain bonds may be financially beneficial. Bonds insured by insurers rated AAA will also receive the AAA rating and thus be able to be sold at a lower interest rate. Bank facilities, such as letters of credit from highly rated banks, can also be used to provide credit enhancement.

A. Bond Insurance

Bond insurance will be considered when it provides an economic benefit to a particular bond maturity or entire issue. Bond insurance provides improved credit quality for the bonds as a result of the insurance provider's guarantee of the payment of principal and interest on the bonds. Because of the decreased risk of non-payment, investors are willing to purchase insured bonds at lower yields than uninsured bonds, thus providing the issuer with interest cost savings.

1. Benefit Analysis

The decision to use bond insurance is an economic decision. A benefit analysis compares the present value of the interest savings to the cost of the insurance premium. Insurance will be purchased when the premium cost is less than the present value of the projected interest savings. A copy of the benefit analysis shall be maintained in the files of the Finance Department.

2. Selection

The City or its financial advisor will undertake a competitive selection process when soliciting pricing for bond insurance, or in the case of a competitive sale, facilitating the prequalification of bonds by insurance providers. The City recognizes that all providers may not be interested in providing bids to the City or pre-qualifying the issue. The winning security dealer in a competitive sale will determine whether it will purchase insurance for the issue. For a negotiated sale, the CFO shall have the authority to purchase bond insurance when deemed advantageous and the terms and conditions governing the guarantee are satisfactory.

B. Bank Facilities (Letters of Credit)

When used for credit enhancement, letters of credit ("LOC") represent a bank's promise to pay principal and interest when due for a defined period of time, subject to certain conditions. In the case of a direct-pay LOC, the trustee will draw upon the LOC to make debt service payments and the City will reimburse the LOC provider the amount drawn on the LOC by the trustee. A stand-by LOC is used to ensure the availability of funds to pay principal and interest of an obligation only if the funds in the debt service account held by the trustee are insufficient to make the debt service payment on the bonds.

XIII. DEBT MANAGEMENT PROCESS – STRUCTURAL FEATURES

A. Maturity

The final maturity of a bond sale shall be equal to or less than the remaining useful life of the assets being financed, and the average life of the financing shall not exceed 120% of the average useful life of the assets being financed.

B. Debt Service Structure

The Finance Department will carefully consider the debt service structure for each bond issue. Factors such as the flow of revenues available for a particular credit, the need to fill in gaps created by refunding specific principal maturities or to structure savings from a refunding in a particular year will be considered. Accelerated repayment may be considered within the bonding capacity constraints to provide capacity for future capital programs. Bonds will be amortized over a period of time not to exceed the useful life of the assets being financed.

C. Lien Levels

Senior, Junior and Subordinated Junior Liens for each revenue source will be utilized in a manner that will maximize the most critical constraint - typically either cost or capacity - thus allowing for the most beneficial use of the revenue source securing the bond.

D. Capitalized Interest

Subject to Federal and State law, interest may be capitalized from the date of issuance of the debt. Interest may also be capitalized for projects in which the revenue designated to pay debt service on the bonds will be collected at a future date, not to exceed six months from estimated completion of construction. Any

use of capitalized interest will require a review by bond counsel and approval by the CFO.

XIV. INVESTMENT OF BOND PROCEEDS

The City shall comply with all applicable Federal, State, and Indenture restrictions, if any, regarding the use and investment of bond proceeds. This includes compliance with any restrictions on the types of investment securities allowed, restrictions on the allowable yield of invested funds as well as restrictions on the time period over which some bond proceeds may be invested. The CFO, or his/her designee, will direct the investment of bond proceeds in accordance with the permitted investments for each particular bond issue. Investments such as guaranteed investment contracts may be considered when their use is in the best interest of the City and will be selected on a competitive basis.

XV. CONTINUING DISCLOSURE

The City will comply when applicable with Rule 15(c)2-12 of the Securities and Exchange Commission by filing an annual report and annual financial information with the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System , and filing material event notices within 10 days of occurrence of certain events as required by the Rule.

XVI. ARBITRAGE REBATE

The City shall comply with all arbitrage rebate requirements as established by the Internal Revenue Service and the Finance Department shall establish a system of record keeping and reporting to meet the arbitrage rebate compliance requirements of the federal tax code. This effort shall include tracking project expenditures financed with bond proceeds, tracking investment earnings on bond proceeds, calculating rebate payments in compliance with tax law, and remitting any rebate earnings to the federal government in a timely manner in order to preserve the tax-exempt status of the City's outstanding tax-exempt debt issues. The CFO, or his/her designee, may enter into agreements with arbitrage service providers to assist the City with complying with arbitrage regulations.

XVII. INTERNAL CONTROLS AND POST ISSUANCE COMPLIANCE

The City shall comply with all applicable laws and regulations to ensure the tax-exempt status of its bonds. The Finance Department shall maintain written procedures to document the processes used to monitor the appropriate use of bond proceeds and to ensure compliance with applicable laws and regulations, and shall specify the positions and individuals responsible for these processes.

APPENDIX A

Swap Policy

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I. INTRODUCTION

The swap guidelines outlined herein are only intended to provide general procedural direction regarding the future use, procurement and execution of interest rate swaps and options. These guidelines are intended to relate to various interest rate hedging techniques, including the contractual exchange of different fixed and variable rate payment streams through interest rate swap agreements. The swap policies are not intended in any way to require the City to modify or terminate existing interest rate swaps. The City maintains the right to modify these guidelines and may make exceptions to any of them at any time in its sole discretion. Failure to comply in any manner with these swap guidelines shall not result in liability on the part of the City to any party.

II. APPROACH AND OBJECTIVES

Interest rate swaps and options are appropriate interest rate management tools that can help the City meet important financial objectives. Properly used, these instruments can increase the City's financial flexibility, provide opportunities for interest rate savings or enhanced investment yields, and help the City manage its balance sheet through better matching of assets and liabilities. Swaps should be integrated into the City's overall debt and investment management guidelines and should not be used for speculation.

Swaps are appropriate to use when they achieve a specific objective consistent with the City's overall financial strategies. Swaps may be used, for example, to lock-in a current market fixed rate or create additional variable rate exposure. Swaps may be used to produce interest rate savings, to alter the pattern of debt service payments, or for asset/liability matching purposes. Swaps may be used to cap, limit or hedge variable rate payments. Options granting the right to commence or cancel an underlying swap may be used to the extent the swap itself is consistent with these guidelines or the City determines there are other advantages to be derived in granting the option; however, the City must determine if the use of any such option is appropriate and warranted given the potential benefit, risks, and objectives of the City. The City's staff, together with its Bond Counsel and its Financial Advisor, periodically shall review the City's swap guidelines and recommend appropriate changes.

In connection with the use of any swaps, the City Council shall make a finding that, per Government Code Section 5922, the applicable swap is designed to reduce the amount or duration of the interest rate risk or result in a lower cost of borrowing when used in combination with the issuance or carrying of the Bonds or enhance the relationship between the risk and return with respect to the City's investments or program of investment, as applicable.

Rationales for Utilizing Interest Rate Swaps and Options

A. Optimize capital structure; including schedule of debt service payments and/or fixed vs. variable rate allocations

B. Achieve appropriate asset/liability match

C. Reduce risk, including:

1. Interest rate risk;
2. Tax risk; or
3. Liquidity renewal risk

D. Provide greater financial flexibility

E. Generate interest rate savings

F. Enhance investment yields

G. Manage exposure to changing markets in advance of anticipated bond issuances (through the use of anticipatory hedging instruments)

III. PERMITTED INSTRUMENTS

The City may utilize the following financial products on a current or forward basis, after identifying the objective(s) to be realized and assessing the attendant risks.

A. Interest rate swaps, including fixed, floating and/or basis swaps; and

B. Options, including swaptions, caps, floors, collars and/or cancellation or index-based features

IV. PROCEDURE FOR SUBMISSION AND EXECUTION

Unsolicited proposals are to be mailed to the Chief Financial Officer and the Financial Advisor for evaluation. Such unsolicited proposals need to be received four weeks prior to the next City Council meeting for consideration at such meeting. For proposals received within four weeks of the next City Council meeting, the City reserves the right to consider the proposal at the following month's Council meeting.

Legal costs incurred in connection with an unsolicited proposal shall be paid by the firm submitting the proposal if for whatever reason the proposal does not close or should the City elect for any reason not to proceed. If the City elects to proceed with the

proposed transaction and the proposed transaction closes, the City will absorb such legal costs through costs of issuance.

The City staff and the Financial Advisor shall review all unsolicited proposals prior to presentation to the City Council. The City shall only present proposals to the Council that the City, in its sole discretion, believes should be considered further given, for example, the projected savings or other benefits and the ability to meet one or more of the objectives outlined herein. Only proposals that meet the savings guidelines (as described in the "Guidelines for Financing and Selection of the Financing Team") or that the City staff find compelling for other reasons, shall be presented.

Procurement and Execution

The City will not have a fixed guideline with respect to swap procurement. The City will assess the benefits of competitively bidding financial products that are non-proprietary or generally available in the marketplace. On a product-by-product basis, the City will have the authority to negotiate the procurement of financial instruments that have customized or specific attributes designed on the City's behalf.

The use of financial derivative products will be recommended if they meet one of the benefits outlined herein or if they:

A. Provide a specific benefit not otherwise available;

B. Produce greater expected interest rate savings or incremental yield than cash market alternatives;

C. Are not speculative or do not create unreasonable leverage or risk;

D. Result in an improved capital structure or better asset/liability match; or

E. Reasonably pass the risk evaluation required by these guidelines

Conformance with Dodd-Frank

It is the intent of the City to conform this policy to the requirements relating to legislation and regulations for over-the-counter derivatives transactions under Title VII of the Wall Street Transparency and Accountability Act of 2010, as supplemented and amended from time to time (herein collectively referred to as "Dodd-Frank"). Pursuant to such intent, it is the policy of the City that: (i) each swap advisor engaged or to be engaged by the City will function as the designated qualified investment representative of the City, sometimes referred to as the "Designated QIR"; (ii) each swap advisor agrees to meet and meets the requirements specified in Commodity Futures Trading

Commission Regulation 23.450(b)(1) or any successor regulation thereto (herein referred to as the "Representative Regulation"); (iii) each swap advisor provide a written certification to the City to the effect that such swap advisor agrees to meet and meets the requirements specified in the Representative Regulation; (iv) the City monitor the performance of each swap advisor consistent with the requirements specified in the Representative Regulation; (v) the City exercise independent judgment in consultation with its swap advisor in evaluating all recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy; and (vi) the City rely on the advice of its swap advisor with respect to transactions authorized pursuant to this Debt Policy and not rely on recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy.

Counter-Party Risk Assessment

The City will only do business with highly rated counter parties or counter parties whose obligations are supported by highly rated parties. The City will structure swap agreements to protect itself from credit deterioration of counter parties, including the use of credit support annexes or other forms of credit enhancement to secure counter party performance. Such protection shall include any terms and conditions which in the City's sole discretion are necessary or appropriate or in the City's best interest.

The City shall enter into interest rate swap transactions only with qualified swap counter parties. Qualified swap counter parties are investment banks as will be identified by the Financial Advisor. Qualified swap counter parties should be rated at least "Aa3" or "AA-" by one of the nationally recognized rating agencies (i.e. Moody's, Standard and Poor's, and Fitch) and not rated lower than "A2" or "A" by any nationally recognized rating agency. In addition, the counter party must have a demonstrated record of successfully executing swap transactions as well as creating and implementing innovative ideas in the swap market. Each counter party shall have minimum capitalization of at least $150 million.

The City should not have an immutable credit standard. However, the City will attempt to do business with highly rated counter parties of "Aa3" or "AA-" or better. For lower rated (below "Aa3" or "AA-") counter parties, the City should seek credit enhancement in the form of:

A. Contingent credit support or enhancement; or

B. Collateral consistent with the policies contained herein

V. SWAP ANALYSIS AND PARTICIPANT REQUIREMENTS

In connection with any swap, the City and its Financial Advisor shall review the proposed transaction and outline any considerations associated with the transaction to the City Council. Such a review should include the following:

A. The identification of the proposed benefit and potential risks, which shall include, but not necessarily be limited to, those risks outlined herein

B. Independent analysis of potential savings from a proposed transaction

C. Fixed versus variable rate and swap exposure before and after the proposed transaction

D. Market Net Termination Exposure (as outlined herein) for all existing and proposed transactions at the City

Swap Risks

A. Counter party Risk – The risk of a payment default on a swap by an issuer's counter party

B. Termination Risk - The risk that a swap has a negative value and the issuer owes a "breakage" fee if the contract has to be liquidated

C. Tax Risk – A mismatch between changes in the rate or price on an issuer's underlying bonds and the swap caused by a reduction or elimination in the benefits of the tax exemption for municipal bonds, e.g. a tax cut, which results in an increase in the ratio of tax-exempt to taxable yields

D. Basis Risk – A mismatch between the rate on an issuer's underlying bonds and the rate paid under the swap, e.g. a tax-exempt variable rate issue which trades at 62% of LIBOR while the issuer only receives 60% of LIBOR under the swap

E. Tax Exemption Risk – The risk that the transaction may make the issuer's related bonds taxable

F. Liquidity/Remarketing Risk – The risk that an issuer cannot secure a cost-effective renewal of a Letter or Line of Credit or suffers a failed auction or remarketing with respect to its variable-rate bonds

Benefit Expectation

Financial transactions, using fixed rate swaps or other derivative products, should generate 2% greater projected savings than the savings guidelines (as described in the "Guidelines for Financing and Selection of the Financing Team") then in effect for traditional bonds. This threshold will serve as a guideline and will not apply should the transaction, in the City's sole judgment, help to meet any of the objectives outlined herein. The higher savings target reflects the greater complexity and higher risk of derivative financial instruments. At a minimum, such financial transactions should provide a savings of no less than 5% over refunded par regardless of the spread between the financial transaction and a traditional bond refunding.

For example, assuming a refunding of $100 million of existing bonds, a traditional fixed rate advance refunding that does not use derivative products would have a present value savings threshold of $5 million, which is 5% of the refunded par. If the refunding structure utilizes a derivative product, the threshold would be $7 million in present value savings, 7% of the refunded par. Therefore, the transaction utilizing a swap or other derivative product would have to generate an additional $2 million to meet the target.

For variable rate or other swap transactions that do not result in a fixed interest rate, the City will evaluate any additional value generated through the transaction in assessing the benefits of proceeding, including the ability to meet the objectives outlined herein. These benefits include, for example, reducing interest rate or tax risk, optimizing the capital structure or further reducing interest expense.

In determining any benefit in implementing a fixed-to-variable swap, the cost of remarketing, in addition to the cost of credit enhancement or liquidity fees must be added to the projected variable rate. Such a calculation should consider the trading performance of comparable bonds and any trading premium resulting from a specific form of credit enhancement or liquidity and/or any impact related to broader industry trends.

VI. LEGAL AND CONTRACTUAL REQUIREMENTS

Unless otherwise approved by Council, the City will use standard ISDA swap documentation including the Schedule to the Master Agreement and a Credit Support Annex. The City may use additional documentation if the product is proprietary or the City deems in its sole discretion that such documentation is otherwise in its interest.

Terms and Notional Amount of Swap Agreement

The City shall determine the appropriate term for an interest rate swap agreement on a case-by-case basis. In connection with the issuance or carrying of bonds, the term of the swap agreement between the City and a qualified swap counter party shall not extend beyond the final maturity date of existing debt of the City on the related Project, or in the case of a refunding transaction, beyond the final maturity of the refunding bonds. For purposes of calculating net exposure, credit shall be given to any fixed versus variable rate swaps that offset termination exposure for a specific Project or bond transaction. For variable rate transactions, credit may also be given for any assets that are used to hedge a transaction as long as in the City's judgment such assets are reasonably expected to remain in place on a coterminous basis with the swap.

Terms and conditions of any swap shall be negotiated by the City in the best interests of the City subject to the provisions of the California Government Code and, unless otherwise waived or altered by the City, these guidelines. The swaps between the City and each counter party shall include, as appropriate, payment, term, security, collateral, default, remedy, termination, and other terms, conditions and provisions as the City, in consultation with its Bond Counsel and Financial Advisor, deems necessary or desirable.

Subject to the provisions contained herein, the City swap documentation and terms should include the following:

A. Downgrade provisions triggering termination shall in no event be worse than those affecting the counter party

B. Governing law for swaps will be New York law, but should reflect California authorization provisions

C. The specified indebtedness related to credit events in any swap agreement should be narrowly drafted and refer only to specific project debt

D. Collateral thresholds should be set on a sliding scale reflective of credit ratings (see Collateral below)

E. Eligible collateral as set forth in the Collateral section below.

F. Termination value should be set by "market quotation" methodology, when the City deems appropriate

G. The City should only agree to an Additional Termination Event for the City to the extent that the ratings on the applicable the City bonds fall below a ratings

trigger acceptable to the City and the counter party and no form of credit support or enhancement is in place

Termination Provision

All swap transactions shall contain provisions granting the City the right to optionally terminate a swap agreement at any time over the term of the agreement. Such a provision shall be required even if any termination is at market. In general, exercising the right to terminate an agreement should produce a benefit to the City, either through the receipt of a payment from a termination or, if the termination payment is made by the City, in conjunction with a conversion to a more beneficial (desirable) debt obligation of the City.

Collateral

As part of any swap agreement, the City shall require collateralization or other forms of credit enhancements to secure any or all swap payment obligations. As appropriate, the City, in consultation with its Bond Counsel and Financial Advisor, may require collateral or other credit enhancement to be posted by each swap counter party under the following circumstances:

A. Each counter party to the City may be required to post collateral if the credit rating of the counter party or parent falls below the "AAA" category. Additional collateral for further decreases in credit ratings of each counter party shall be posted by each counter party in accordance with the provisions contained in the collateral support agreement to each counter party with the City the City. Maximum un-collateralized exposure for: (i) "AAA" rated counter parties is $40 million; (ii) "AA" rated counter parties is $10 million; and (iii) below "AA" category, uncollateralized exposure is zero

B. Threshold amounts shall be determined by the City on a case-by-case basis. The City will determine the reasonable threshold limits for the initial deposit and for increments of collateral posting thereafter

C. Collateral shall be deposited with a third party trustee, or as mutually agreed upon between the City and the counter party

D. A list of acceptable securities that may be posted as collateral and the valuation of such collateral will be determined and mutually agreed upon during negotiation of the swap agreement with each swap counter party. A complete list of acceptable securities and valuation percentages are included as Attachment A

E. The market value of the collateral shall be determined on at least a monthly basis, or more frequently if the City determines it is in the City's best interest given the specific collateral security

F. It shall be determined on a case-by-case basis whether other forms of credit enhancement are more beneficial to the City

VII. LIMITATIONS ON TERMINATION EXPOSURE

In order to diversify the City's counter party credit risk, and to limit the City's credit exposure to any one counter party, limits will be established for each counter party based upon both the credit rating of the counter party as well as the relative level of risk associated with each existing and projected swap transaction. The guidelines below provide general termination exposure guidelines with respect to whether the City should enter into an additional transaction with an existing counter party. The City Council may make exceptions to the guidelines at any time to the extent that the execution of a swap achieves one or many of the goals outlined in these guidelines or provides other benefits to the City.

Such guidelines will also not mandate or otherwise force automatic termination by the City or the counter party. Maximum Net Termination Exposure is not intended to impose retroactively any terms and conditions on existing transactions. Such provisions will only act as guidelines in making a determination as to whether or not a proposed transaction should be executed given certain levels of existing and projected net termination exposure to a specific counter party. Additionally, the guidelines below are not intended to require retroactively additional collateral posting for existing transactions. Collateral posting guidelines are described in the "Collateral" section above. The calculation of net termination exposure per counter party will take into consideration multiple transactions, some of which may offset the overall exposure to the City.

Maximum Net Termination Exposure will be based on the sum of (i) the market value of existing transactions as of the first day of the month prior to the execution of any new transaction plus (ii) the expected worse case termination value of the new transaction. The maximum termination exposure will also be tied to the credit rating of a counter party and whether or not the counter party has posted collateral against this exposure.

Under this approach, the City will set limits on individual counter party exposure based on existing as well as new or proposed transactions. For existing transactions, exposure will be based on the market value as of the last quarterly swap valuation report provided by the Financial Advisor. For a new or proposed transaction, the City will calculate the projected maximum exposure based on the estimated maximum exposure assuming two standard deviations. Standard deviation is a statistic obtained by squaring

the average difference from the mean of a distribution of numbers. Two standard deviations capture 95% of the population of a distribution of numbers. For purposes of the calculation, two standard deviations shall be calculated as the annualized standard deviation of weekly swap rates over the preceding 52 weeks. The time period may vary according to market conditions which could range from flat to volatile.

The sum of the existing market value and the projected maximum exposure shall constitute the Maximum Net Termination Exposure. For purposes of this calculation, the City shall include all existing and projected transactions of an individual counter party and all transactions will be analyzed in aggregate such that the maximum exposure will be additive and netted on a per project basis. The rationale behind aggregating and netting on a Project basis is that the exposure will vary for individual members depending on their participation in different projects.

For example, if the City has $13 million (i.e. the City would owe termination payment) of exposure to a counter party, the Maximum Net Termination Exposure under the definition above, is the projected maximum termination exposure less the outstanding exposure. If projected maximum termination exposure on the proposed transaction, assuming two standard deviations, is $20 million, net termination exposure would be $7 million.

The exposure thresholds, which will be reviewed periodically to ensure that they remain appropriate, will also be tied to credit ratings of the counter parties and whether or not collateral has been posted. If collateral has been posted, the City cannot exceed $30.0 million of collateralized exposure. In addition, there would be a further limit on the amount of uncollateralized exposure, including any threshold amounts under the Credit Support Annex. For AAA-rated counter parties, the City could have up to $40.0 million of uncollateralized exposure; for counter parties in the AA category, the City could have up to $10.0 million of uncollateralized exposure and for counter parties below the AA category, the City could have no uncollateralized exposure. If a counter party has more than one rating, the lowest rating will govern for purposes of the calculating the level of exposure. A summary table is provided below.

Credit Ratings	Maximum Collateralized Exposure	Maximum Uncollateralized Exposure	Maximum Total Termination Exposure
AAA	NA	$40 million	$40 million
AA Category	$30 million	$10 million	$40 million
Below AA	$30 million	None	$30 million

Assuming the same example as above, if the counter party is currently rated “Aa2” and “AA+,” the exposure thresholds would only take effect if Net Termination Exposure increased an additional $3 million (from the original $7 million above).

If the exposure limit is exceeded by a counter party, the City shall conduct a review of the exposure limit per counter party. The City, in consultation with its Bond Counsel and Financial Advisor, shall explore remedial strategies to mitigate this exposure.

VIII. ONGOING MANAGEMENT

The City will seek to maximize the benefits and minimize the risks it carries by actively managing its swap program. This will entail frequent monitoring of market conditions, by both the Financial Advisor and swap counter party, for emergent opportunities and risks. Active management may require modifications of existing positions including, for example:

A. Early termination;
B. Shortening or lengthening the term;
C. Sale or purchase of options; or
D. Use of basis swaps.

On an overall basis, the City's swap program is not expected to be very large relative to all of its investment and debt activities. Swaps will be used in response to particular market conditions and needs of the City for which swaps are the best investment or debt-management option.

IX. ONGOING REPORTING REQUIREMENTS

A written report providing the status of all interest rate swap agreements entered into by the City will be provided to the City Council on an annual basis (or other basis, if so directed by Council) and shall include the following:

A. A description of all outstanding interest rate swap agreements, including project and bonds series, type of swap, rates paid and received by the City, total notional amount, average life of each swap agreement, remaining term of each swap agreement

B. Highlights of all material changes to swap agreements or new swap agreements entered into by the City since the last report

C. Termination exposure of each of the City's interest rate swap agreements

D. The credit rating of each swap counter party and credit enhancer insuring swap payments, if any

E. If applicable, information concerning any default by a swap counter party to the City, including but not limited to the financial impact to the City, if any

F. If applicable, information concerning any default by the City to a swap counter party

G. A summary of swap agreements that were terminated or that have expired

H. For a swap transaction entered into to generate debt service savings, the City will calculate on an annual basis the actual debt service requirements versus the projected debt service on the swap transaction at the original time of execution. Such a calculation shall include a determination of the cumulative actual savings (or, if applicable, additional payments made by the City) versus the projected savings at the time the swap was executed.

Attachment A – Acceptable Collateral

Security	Valuation Percentage
Cash	100%
Negotiable debt obligations issued by the U.S. Treasury Department or the Government National Mortgage Association ("Ginnie Mae"), or (y) mortgage backed securities issued by Ginnie Mae (but with respect to either (x) or (y) excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service) and in each case having a remaining maturity of: (i) less than one year (ii) one year or greater but less than 10 years (iii) 10 years or greater	 100% 98% 95%
Negotiable debt obligations issued by the Federal Home Loan Mortgage Corporation ("Freddie Mac") or the Federal Home Loan Mortgage Association ("Fannie Mae") or (y) mortgage backed securities issued by Freddie Mac or Fannie Mae but excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service	95%
Any other collateral acceptable to the City in its sole discretion. The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion	The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion.

For example, if a counter party is required to post $1 million of collateral and wished to use bonds issued by Ginnie Mae with five years remaining to maturity, it would be required to post $1,020,409 ($1 million/0.98) to satisfy the collateral requirement.

City of Roseville
Budget Development Policy

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I. INTRODUCTION

This policy outlines the City of Roseville's (City) guidelines for budget development. Consistently following adopted policies will assist the City in achieving its current and future goals in a fiscally responsible and sustainable manner. This policy establishes guidelines for developing the City's annual operating and capital budget as recommended by the Government Finance Officers Association (GFOA) and the National Advisory Council on State and Local Budgeting (NACSLB). This document shall be reviewed on an annual basis to reflect the highest standards of fiscal management and the City's budgetary goals.

II. POLICY

A. Citywide Focus

Consistent with the General Principles of Governance adopted by the City Council in the Elections Ordinance, the City shall maintain a citywide focus during the budget development process and in the adopted budget. Revenues and expenditures shall be budgeted on a citywide basis and not tracked by Council district.

B. General Revenues

General Fund revenues shall not be earmarked for any particular purpose, unless required by law or Generally Accepted Accounting Principles (GAAP). General revenues shall be deposited in the General Fund and appropriated during the budget process or by a separate Council action.

C. Balanced Budget

The City shall adopt and maintain a balanced annual operating budget and an integrated capital budget throughout the fiscal year. For each fund, annual expenditures shall not exceed annual revenues plus available fund balances. It shall remain a goal of the City to maintain a long-term structurally balanced budget, where ongoing revenues support ongoing expenditures.

The City will achieve a structurally balanced budget through efficiencies (i.e., streamlining), permanent reductions to the expenditure base (e.g., eliminating lower priority vacant positions and reducing service levels), and ongoing revenue enhancements. In addition, the City's budget will not rely on reserves or the use of one-time revenues for ongoing expenditures.

D. Public Involvement

Public involvement shall be encouraged in the annual budget decision-making process through public hearings, public outreach, and the dissemination of accessible information. Public participation efforts allow the City to improve performance by identifying general needs, priorities, and service delivery expectations. Public involvement enables the City to be more responsive to the community's needs, thereby increasing the value that the public receives from the City.

E. Operating Budget

The operating budget document shall contain the expected revenue and expenditure appropriations, staffing levels, and summaries for each department. Summary information for each department featured in the budget shall include the primary services, strategic goals and strategies, accomplishments and initiatives, and key performance and workload measures. Department summaries shall be updated annually to ensure departments' priorities and performance measures support the City Council's Strategic Plan.

F. Capital Improvement Program (CIP) and Budget

The City shall develop a Five-Year CIP, which reflects a comprehensive approach to addressing the City's capital needs and the identification of resources for those needs. Critical inputs include infrastructure condition assessments, service level evaluations, asset management information, and review of available funding sources. The Five-Year CIP shall be the basis for the development of the annual CIP budget.

The annual CIP budget shall be developed in conjunction with the operating budget to ensure the effective utilization of the City's overall resources to operate and maintain facilities. The annual CIP budget shall include projects that span multiple fiscal years and result in capitalized assets. The CIP budget may consist of other projects of a capital nature that may not result in an asset and that span multiple fiscal years and have significant cost estimates.

The annual CIP budget shall reflect total estimated project costs for Council approved projects by including all prior and current year expenditures and appropriations, future year project costs, and any future funding needs through project completion. CIP projects shall only be established with partial funding if there is a reasonable expectation that the remaining funding is identified to complete the project within a reasonable timeframe for the type of project.

CIP appropriations remaining unspent at the end of each fiscal year shall be carried forward to the subsequent fiscal year until the project is completed or abandoned. CIP projects, however, shall be reviewed periodically to identify projects that are not progressing with funds available for reprogramming.

G. Indirect Cost Allocation Plan

The City shall use an indirect cost allocation plan to allocate the costs of those general government activities without significant assets or liabilities to all City funds and departments, except that reimbursements for costs allocated between General Fund departments will not be budgeted. Substantial changes in the allocable indirect costs may be amortized or smoothed over a period not to exceed three fiscal years to allow receiving funds to adjust their rates.

H. Internal Service Funds

The City shall use internal service funds to allocate general government costs for activities with significant assets and/or liabilities to all City funds and departments. Internal service fund costs are budgeted in and allocated to General Fund departments. The City's internal service fund activities include information technology, fleet management, facilities management, and risk management (general liability and workers compensation).

I. General Fund Five-Year Forecast

The City shall maintain a five-year forecast for the General Fund as an essential fiscal planning tool. The forecast shall be based on the current budget and projections of future expenditures, revenues, and other funding sources over a multi-year period. The evaluation of recommended fiscal actions will focus on a longer-term, rather than short-term context. The five-year forecast is based on a set of point-in-time assumptions. The projected expenditure growth shall be realistic, mainly through the term of the current labor contracts. All revenue forecasts will utilize objective external research and internal forecasting methods. City revenues are economically sensitive, and the five-year revenue forecasts are subject to the same uncertainty and downside risk surrounding national economic forecasts. It is important to note that the City's significant tax revenues, property and sales taxes, trail economic trends.

J. Basis of Budgeting

The City's budgets for governmental funds, such as the General Fund, special revenue funds, debt service funds, and capital project funds, shall be prepared based on the modified accrual basis of accounting. In other words, revenues are

recognized in the accounting period in which they become available and measurable, and expenditures are recognized in the accounting period in which the liability is incurred. An exception to this basis is that disbursements of interfund loans are budgeted as expenditures in lender funds and revenue in borrower funds, and repayments of interfund loans are budgeted as expenditures in borrower funds and revenue in lender funds.

The budget for the City's proprietary funds, consisting of enterprise funds and internal service funds, shall be prepared on the full accrual basis of accounting for all operating revenues and most operating expenses. In other words, revenues are recognized when they are earned, and expenses are recognized when the liability is incurred. Expenses related to long-term assets, primarily capital outlay, and long-term liabilities, including repayment of bonded debt as well as pension and other post-employment benefit expenses, are budgeted on the modified accrual basis of accounting. Repayments of interfund loans are budgeted as expenditures in borrower funds and revenue in lender funds.

The City's budget shall exclude unrealized gains or losses resulting from the change in fair value of investments, as well as amortization of premiums and discounts on the City's investments. These calculations are performed solely for financial statement reporting purposes to comply with GAAP.

City of Roseville
General Fund Reserves Policy

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I. INTRODUCTION

The purpose of this policy is to establish targeted levels of General Fund reserves, a basic component of a financially strong city. Adequate reserves help sustain City operations when adverse or unexpected circumstances affect the City, providing resources to minimize service disruption in the event of temporary revenue shortfalls, declared disasters, or unpredicted one-time expenditures. This policy establishes the amounts the City will strive to maintain in the Emergency Reserve, Stabilization Reserve, and Litigation Reserve, and the conditions under which the reserves may be used.

II. BACKGROUND

Financial reserves strengthen the City's financial status and provide valuable resources for managing through economic cycles and addressing unexpected events. Every fund of the City represents a stand-alone financial set of accounts and has its own operating characteristics, financial capabilities, and constraints. The level of reserves needed should be based on the financial and operating characteristics of each fund.

According to the Government Finance Officers Association (GFOA), it is essential that governments maintain adequate levels of fund balance to mitigate current and future risks (e.g., revenue shortfalls and unanticipated expenditures) in order to protect taxpayers and employees from unexpected changes in financial conditions. GFOA recommends, at a minimum, that general-purpose governments, regardless of size, maintain an unrestricted budgetary fund balance in their General Fund of no less than two months of regular general fund operating revenues or regular General Fund operating expenditures (an amount equivalent to 16.67% of the annual budget).

This policy establishes three months of operating costs (25% of annual budgeted General Fund operating costs) as the City's target level of reserves. This targeted level of reserves consists of the City's Emergency Reserve (10% of annual budgeted General Fund operating costs) and the City's Stabilization Reserve (15% of annual budgeted General Fund operating costs). This policy also establishes $250,000 as the minimum level in the City's Litigation Reserve. The policy also outlines the methods the City will utilize to achieve the target reserve levels, defines the conditions under which these funds can be used and describes how the City's expenditure and/or revenue levels will be adjusted to match any new economic realities that are causing the use of fund balance reserves as a financing bridge.

III. POLICY

A. Minimum and Target Reserve Levels

The City will maintain an Emergency Reserve at a minimum of 10% of budgeted General Fund operating expenditures. Because the City relies on property tax and sales tax revenue to support over two-thirds of the City's General Fund budget and the negative effects on property and sales tax revenue can be significant during economic downturns, the City will seek to build up and maintain a General Fund Stabilization Reserve equal to 15% of budgeted General Fund operating expenditures as the target reserve level. The Emergency Reserve and Stabilization Reserve shall be reported as commitments of fund balance in the General Fund for external financial reporting. Appropriations from the Emergency Reserve may only be made by a vote of the City Council to meet a critical, unpredictable financial need such as a declared emergency. Appropriations from the Stabilization Reserve may only be made by a vote of the City Council in the event of temporary revenue shortfalls caused by an economic downturn.

B. Methods to Achieve Funding Levels

Funding of the General Fund Reserves will generally come from the adopted budget, year-end excess revenues over expenditures or anticipated one-time revenues. At a minimum, during the budget process, staff shall review the current and five-year projected reserves to ensure that they are appropriate given the economic and financial risk factors the City faces.

C. Criteria for Expenditure of Reserve Funds

The Reserve Funds shall not normally be applied to recurring annual operating expenditures. Appropriation from the Emergency Reserve and Stabilization Reserve Funds requires approval of at least four City Council members. The Litigation Reserve is appropriated annually in the adopted budget.

1. Emergency Reserve

The Emergency Reserve may be used to contend with significant short-term issues such as declared emergencies. It is the intent of the Council to limit use of the Emergency Reserve to addressing unanticipated, nonrecurring needs.

2. Stabilization Reserve

The Stabilization Reserve may be used strategically to allow time for the City to restructure its operation in a deliberate manner as required in an economic downturn while minimizing service disruption. Use of the Stabilization Reserve will only take place in the context of a Council-adopted long-term plan. The Stabilization Reserve is intended to be used to address significant revenue shortfalls that occur during an economic downturn until the City's operating expenditure and revenue levels are adjusted to eliminate structural deficits.

3. Litigation Reserve

The Litigation Reserve may be used for legal matters that are unforeseen and/or unusual in nature and, as a result, typically require reactive measures such as seeking a budget adjustment and a funding source. Some examples are contract disputes, municipal code enforcement, and other public safety enforcement matters. The purpose of this reserve is to address these situations by allowing for proactive handling and funding of such matters.

D. Timeline for Replenishment of the General Fund Reserves

If the General Fund Reserves are drawn down below the minimum levels, a plan will be developed and implemented to replenish the reserves. Replenishing the reserves will be a priority use of one-time resources. Generally, the City should seek to replenish the Emergency Reserve and the Litigation Reserve within one year and the Stabilization Reserve to the minimum reserve level within three years.

City of Roseville
Federal Stimulus Reserve Fund Policy

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I. PURPOSE

The purpose of this policy is to establish a temporary Federal Stimulus Reserve Fund with the City's allocation of the federal stimulus (2021 Coronavirus State and Local Fiscal Recovery Funds) until one-time expenditures or transfers to other City funds are approved over the remaining course of the pandemic.

The City is required to disburse the federal stimulus funding by December 31, 2024. This temporary reserve fund will be closed after all funding, including interest earned thereon, has been distributed.

Staff will recommend one-time expenditures, or transfers to other City funds, for Council approval consistent with the requirement for the use of the funds to:

A. respond to or mitigate the public health emergency with respect to the Coronavirus Disease 2019 (COVID–19) or its negative economic impacts;

B. cover otherwise unreimbursed costs incurred as a result of such emergency;

C. replace revenue that was lost, delayed, or decreased as a result of such emergency; or

D. address the negative economic impacts of such emergency.

The federal stimulus funding shall not be applied to new ongoing operating expenditures.

City of Roseville
Internal Service Funds - Operating and Replacement Reserves Policy

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B. Replacement Reserve 61

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2. Targeted Reserve Level 62

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5. Excess Reserves 64

I. PURPOSE

As separate budget and accounting entities, internal service funds (ISFs) need to manage cash reserves within their funds. The purpose of cash reserves in the ISFs is two-fold:

- Operating Reserves - To provide for continuity of service in the event of unanticipated changes to revenues or expenditures, particularly within a single fiscal year when charges for service on client operating departments already have been fixed through the adopted budget.
- Replacement Reserves - To provide funding for capital improvement, rehabilitation, and replacement of capital assets managed, whose useful lives span multiple fiscal years and whose costs yield a burdensome or unaffordable peak in expenditure if assessed on client operating departments as they occur.

In the ISFs, the accumulation and expenditure of reserve balances, including the establishment of targeted reserve levels, shall be as follows.

II. POLICY

A. Operating Reserves

1. Applicability

The following ISFs manage ongoing operations and therefore would benefit from the establishment of an operating reserve:

- Fleet Services
- Facility Services
- Information Technology Operations

Because ISFs do not function within a traditional retail environment, their revenues are not a material factor in the underlying risk to its financial sufficiency. An operating reserve incorporating the effects of billing cycles and collection rates is not applicable. Therefore, the operating reserve shall be established based singularly on a cushion for unforeseen change to critical cost drivers.

2. Targeted Reserve Level

An operating reserve equal to 5-15 percent of annual operating expenditures is appropriate among these service types. Fleet Services and Facility Services will target a 10-15 percent operating reserve level, and Information Technology Operations will target a 5-10 percent operating

reserve level. The fund balance of each ISF will serve as its operating reserve. For purposes of calculating the reserve target, operating expenditures include labor expenses and materials, services, and supplies expenses in the fund. As a metric for calculating a reserve level, operating expenditures should not include capital outlay, debt service, or transfers to other funds.

3. Initial Establishment of the Reserve

The available cash balance in the ISF may be used immediately to establish the operating reserve to its minimum level. If the minimum level is not feasible with existing cash, staff will develop a plan to begin adjusting the charges for service to begin funding the reserve, as described in the following paragraph.

4. Annual Funding of the Reserve

When the reserve is at its minimum level, there is no need to assess client operating departments for additional reserve funding in their annual charge for service. The reserve exists until it is used and falls below its minimum threshold, as designed.

When the operating reserve falls below its minimum level, a plan for replenishing the reserve shall be established as part of the next fiscal year's annual rate calculation process. Under staff discretion at that time, options for replenishing the reserve may include:

- Immediate replenishment to the minimum level in one fiscal year, accomplished by an additional component to the annual charge for service, assessed on client operating departments in proportion to their total charge for services.
- Replenishment to the minimum level over multiple fiscal years, such as two or three, depending on fiscal conditions determined at that time. This moderated plan is also accomplished as an additional component to the annual charge for service assessed on client operating departments in proportion to their total charge for services.

5. Excess Reserves

When cash held in the fund exceeds the minimum operating reserve level, fund managers should determine appropriate uses to avoid over-accumulation and stranding of City resources, as part of the annual rate calculation process in the next fiscal year. Under staff discretion at that time, options for reducing excess reserves may include:

- Reduce client operating department charges for service on a one-time basis in proportion to their total charge for service. This option alternatively may be viewed as reducing the total cost pool driving charges for services by using reserves to fund planned operating expenditures in a single fiscal year.
- Fund previously deferred special projects associated with ISF operations, particularly those projects of broad benefit to all client operating departments.
- Transfer excess cash to the ISF's companion asset replacement/rehabilitation fund to reduce long-term deficiencies or accelerate funding for defined capital needs as allowed by accounting controls.

B. Replacement Reserves

1. Applicability

The following ISFs manage capital assets and therefore would benefit from the establishment of a replacement reserve:

- Fleet Replacement
- Fleet Operations
- Equipment Replacement
- Facility Rehabilitation
- Information Technology Replacement

The replacement reserve shall be based on analysis of long-term scheduled capital improvement, rehabilitation, and replacement of capital assets and equipment managed by the ISF in order to sustain municipal services and prevent City assets' physical deterioration.

Replacement reserves are not typically managed to handle increases in assets and equipment in service. Funding for new or growth in assets and

equipment will need to be identified as a special funding component for client operating departments, the general resources of the City, or the ISF outside of this replacement reserve structure.

2. Targeted Reserve Level

Replacement reserves are dynamic: They are continually added to and spent as assets are rehabilitated or replaced. These ISF's will not target a minimum cash balance but instead manage the reserve's annual funding to enable adequate resources when expenditures are scheduled or needed.

3. Initial Establishment of the Reserve

The available cash balance in these ISF's may be used immediately to establish the replacement reserve. These are the resources available to meet near-term scheduled expenditures and the resources being accumulated for expenditure later as assets require reinvestment or replacement. In ideal circumstances, the cash currently available equals the amount of resources needed along current replacement schedules for all assets in service. The reasonableness of this circumstance will differ depending on the ISF evaluated for one or more of several reasons, such as:

- Past charges for service did not include any funding or included insufficient annual funding for future replacement.

- Assets are routinely replaced beyond their scheduled lives, particularly when ongoing maintenance can extend in-service timelines without unmanageable costs or effort.

- Assets are ultimately replaced by another asset of entirely different cost structure, particularly in areas of more rapid technological change.

- The total value of future replacement needs may not be supportable by charges for service and will require identification of additional funding outside the ISF in the future.

Regardless of the initial reserve establishment's adequacy, charges for service in the next fiscal year should be set to continue funding the reserve on an annual basis, as described in the following paragraph.

4. Annual Funding of the Reserve

The replacement reserve's underlying intention is to distribute the cost of asset replacement evenly over the life of the asset. Therefore, analysis by (individual or category of) asset is required to determine a total annual funding level. Steps for analyzing assets and determining their corresponding reserve funding component are as follows:

- Original Cost Basis: Record assets when placed in service. Assign an expected useful life. Calculate a straight-line annual depreciation amount based on the original cost. This value represents the minimum annual replacement reserve funding amount for assets expected to be replaced at the end of their life-cycle.
- Replacement Cost Basis: Alternatively, record assets when placed in service. Assign an expected useful life. Project a replacement cost based on estimated cost inflation indices from original cost or a known replacement value. Calculate a straight-line depreciation amount based on estimated replacement cost, reducing for any material expected salvage value for fully depreciated assets. The resulting value represents the maximum annual reserve amount for assets expected to be replaced at the end of their life-cycle.
- The method chosen – original cost or replacement cost basis – should be determined at staff discretion in each ISF. Factors influencing the choice of the method include impact to charges for service on client operating departments; external factors that substantially impact asset management between life cycles, such as rapid technological change; and magnitude of interest earnings in the replacement reserve contributing toward total resources available for asset replacement.
- The sum of annual funding amounts by asset (or asset category) represents the total annual reserve contribution to be collected through the ISF's charges for service, dependent upon funding available for rehabilitation and replacement (See Capital Improvement Program Rehabilitation Funding Policy). This annual

funding requirement should be allocated to the client operating departments based on the selected allocation metric for asset replacement in the ISF's rate method, typically in proportion to the department's use of the asset.

5. Excess Reserves

In the unlikely event that replacement reserves are found to exceed scheduled needs, as part of the annual rate calculation process in the next fiscal year, fund managers should determine appropriate uses to avoid over-accumulation and stranding of City resources. Under staff discretion at that time, options for reducing excess reserves may include:

- A planned, one-time reduction to service charges on client operating departments in proportion to their total charge for asset replacement-related services.
- Funding previously deferred special projects associated with asset management for the ISF, particularly those projects of broad benefit to all client operating departments.

City of Roseville
Capital Improvement Program Rehabilitation Funding Policy

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I. INTRODUCTION

The City has significant investments in facilities, equipment, software, vehicles, and other assets which require ongoing maintenance and eventual replacement. The CIP Rehabilitation funds, i.e. the Facility Rehabilitation Fund; the Equipment Replacement Fund, the Parks, Recreation and Library Capital Projects Fund; and the Information Technology Replacement Fund, are used to fund infrastructure needs for City buildings, information technology capital replacement, and parks, recreation and library facilities.

II. BACKGROUND

The City performed a thorough analysis of all City assets in 2012 and developed 10-Year Rehabilitation/Replacement plans. The 10-year plans reflected an annual General Fund funding requirement of $5.6 million, however the actual amount budgeted in FY2017-18 was $1.5 million leaving an annual gap of approximately $4 million

The City performs an annual review of the 10-year plans to develop CIP Rehabilitation budget recommendations for the City Manager that includes a prioritized list of capital projects that can be recommended for funding or deferral in conjunction with the adoption of the City's CIP Rehabilitation budget.

The expectation is that the annual average demand will continue to trend upward based on projects being deferred and new replacement costs.

Addressing these infrastructure needs has been a stated priority of the City Council and was reaffirmed at the City Council meeting on February 7, 2018.

III. POLICY

On an annual basis during each budget process, and until the annual required funding level is attained, the General Fund contribution to the CIP Rehabilitation funds shall increase by $500,000.

City of Roseville
Pension Funding Policy

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I. PURPOSE

The City's Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants. The policy also:

- Provides guidance in making annual budget decisions;
- Demonstrates prudent financial management practices;
- Reassures bond rating agencies; and
- Shows employees and the public how pensions will be funded.

II. BACKGROUND

The City provides defined benefit retirement benefits through the California Public Employees' Retirement System (CalPERS). CalPERS is a multiple-employer public employee defined benefit pension plan.

All full-time and certain part-time City employees are eligible to participate in CalPERS. CalPERS provides retirement and disability benefits, annual cost of living adjustments and death benefits to plan members and their beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute.

The financial objective of a defined benefit pension plan is to fund the long-term cost of benefits provided to the plan participants. In order to assure that the plan is financially sustainable, the plan should accumulate adequate resources in a systematic and disciplined manner over the active service life of benefitting employees. This funding policy outlines the method the City will utilize to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants.

Pension Funding: A Guide for Elected Officials, issued by eleven national groups including the U.S. Conference of Mayors, the International City/County Management Association, and the Government Finance Officers Association, established the following five general policy objectives for a pension funding policy:

- Actuarially Determined Contributions. A pension funding plan should be based upon an actuarially determined contribution (ADC) that incorporates both the cost of benefits in the current year and the amortization of the plan's unfunded actuarial accrued liability.

- Funding Discipline. A commitment to make timely, actuarially determined contributions to the retirement system is needed to ensure that sufficient assets are available for all current and future retirees.

- Intergenerational equity. Annual contributions should be reasonably related to the expected and actual cost of each year of service so that the cost of employee benefits is paid by the generation of taxpayers who receives services from those employees.

- Contributions as a stable percentage of payroll. Contributions should be managed so that employer costs remain consistent as a percentage of payroll over time.

- Accountability and transparency. Clear reporting of pension funding should include an assessment of whether, how, and when the plan sponsor will ensure sufficient assets are available for all current and future retirees.

III. POLICY

A. Actuarially Determine Contribution (ADC)

CalPERS actuaries will determine the City's ADC to CalPERS based on annual actuarial valuations. The ADC will include the normal cost for current service and amortization of any under-funded amount. The normal cost will be calculated using the entry age normal cost method using economic and non-economic assumptions approved by the CalPERS Board of Administration.

The City will review the CalPERS annual actuarial valuations to validate the completeness and accuracy of the member census data and the reasonableness of the actuarial assumptions.

B. Additional Discretionary Payment (ADP) Contribution

The City will consider making ADP contributions with one-time General Fund resources, with the objectives of increasing the plan's funded status, by reducing the unfunded actuarially accrued liability, and reducing ongoing pension costs.

C. Transparency and Reporting

Funding of the City's pension plans should be transparent to vested parties including plan participants, annuitants, the City Council and Roseville residents. In order to achieve this transparency, the following information shall be available:

- Copies of the annual actuarial valuations for the City's CalPERS plans shall be made available to the City Council.

- The City's Comprehensive Annual Financial Report shall be published on its website. This report includes information on the City's annual contributions to the pension systems and their funded status.

- The City's annual operating budget shall include the City's contributions to CalPERS.

D. Review of Funding Policy

Funding a defined benefit pension plan requires a long-term horizon. As such, the City will review this policy at least every five years to determine if changes to this policy are needed to ensure adequate resources are being accumulated.

City of Roseville
Other Post-Employment Benefits (OPEB) Funding Policy

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I. INTRODUCTION

The purpose of this Funding Policy is to state the overall funding goals for the City of Roseville OPEB Trust. The objective is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. In meeting this objective, the City will strive to meet the following funding goals:

A. The City plans to continue to fund retiree medical benefits from operations until such a time as those expenses exceed the City's Actuarially Determined Contribution (ADC). At that time withdrawals from the OPEB Trust will be necessary.

B. The City intends and plans to ultimately achieve full funding of its actuarially determined OPEB contributions by making increasing contributions to the OPEB trust, to the extent feasible, in the context of other competing demands for public services and employee compensation.

C. Nothing in this funding policy shall constitute an obligation upon the City, nor an implied contract. The City Council may revoke or amend this policy in the best interests of the City.

D. Funding of the OPEB Trust does not change the City's obligation or intent to fully pay annual medical costs for retirees.

II. BACKGROUND

The City of Roseville has provided a retiree health benefit to its employees for many years. As a cost reduction strategy, this benefit was eliminated for all bargaining unit employees classified as Tier III. Although eliminated for new employees, this benefit still remains in effect for the majority of the City's employees and must be addressed during the annual budget process.

In an effort to address the long term costs of this expense, a trust was created to begin funding this benefit. The process currently in place is to fund all actual retiree expenses incurred in the current year on a pay-as-you-go basis and make additional contributions to the trust fund.

III. POLICY

The City will engage an OPEB actuary to determine the City's ADC based on biennial actuarial valuations. The ADC will include the normal cost for current service and amortization of the under-funded liability. The normal cost is the current year cost of the program to provide the benefit for current employees in the future. The normal cost

will be calculated using the entry age normal cost method using appropriate economic and non-economic assumptions approved by the City.

The City will review the actuarial valuations to validate the completeness and accuracy of the employee census data and the reasonableness of the actuarial assumptions. Actuarial valuations involve estimates and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

The City will continue to appropriate the ADC in the annual budget for the pay-as-you-go costs of OPEB for current retirees and contributions to the OPEB Trust. In addition, a portion of any one-time monies remaining at the end of each fiscal year may be deposited into the trust, which amount will be determined by Council based on available funds and other priorities.

Funding OPEB requires a long-term horizon. The City will review this policy at a minimum biennially, coincident with preparation of the actuarial valuations, to determine if changes to this policy are necessary to ensure adequate resources are being accumulated to fund OPEB benefits.

City of Roseville
Workers' Compensation and General Liability Funding Policy

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I. INTRODUCTION

The Workers' Compensation and General Liability Funding Policy documents the City's approach to providing adequate financial resources to fund the City's Workers' Compensation and General Liability Programs and establishing and maintaining adequate reserves in the Workers' Compensation and General Liability Internal Service Funds.

II. BACKGROUND

The City is self-insured for workers' compensation and for general liability. The Workers' Compensation and General Liability and Programs charge City departments and funds for the costs of providing for claims, as well as for the cost of administering the claims.

III. POLICY

In order to methodically and consistently measure the City's projected claims, the City will contract with a professional outside actuary to prepare annual actuarial valuation reports for both categories of claims. Program funding will be based on the annual actuarial valuation reports.

The City's funding policy will provide program funding at the 75% confidence level, including recognition of anticipated investment income. Confidence level is used by actuaries to determine the realistic possibilities that a given funding rate will be sufficient to cover all claims that might be incurred in any one program year. A 75% confidence level indicates that the funding rate should be adequate 75% of the time.

If either program maintains a balance above the minimum funding requirement, the excess reserves will be used to subsidize City contributions over a 1-5 year period depending upon the amount of the excess and the City's economic condition.

If either program has excess claims requiring additional contributions to the fund, the City will increase contributions over a 1-3 year period depending on the amount of the shortfall and the City's economic condition to get to the minimum funding requirement.

City of Roseville
Interfund Loans Policy

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I. PURPOSE

The City's Interfund Loan Policy documents the methods used by the City to demonstrate prudent financial management over interfund loans. The policy:

- Requires City Council approval of interfund loans, except for short-term working capital loans,
- Permits short-term interfund loans for working capital to cover Council-approved reimbursable grants and projects and other temporary timing differences in cash flows, and
- Prohibits interfund loans from being used to solve ongoing structural budget issues or hindering the accomplishment of any function or project for which the lending fund was established.

II. BACKGROUND

Interfund loans are the lending of cash from one City fund to another for a specific purpose and with a requirement for repayment. The practice of interfund loans is a recognized and necessary aspect of municipal finance. Such loans are typically short-term in nature, and constitute the allocation of resources between individual funds for working capital purposes.

III. POLICY

A. Long-term Loans

Interfund loans, other than short-term working capital loans, must be approved by the City Council. Council approval will include the following terms of the loan:

- Purpose of Interfund Loan
- Identification of the source fund
- Availability of unrestricted funds in the source fund
- Review of multi-year plans for use of source fund cash
- Analysis of legal or contractual restrictions
- Repayment of Interfund Loan

- Repayment must have a payment source and funding stream
- Specific repayment schedule
- Interest imposed at a rate equal to at least investment earnings if loan did not occur
- Other Considerations
- Feasibility of repayment
- Internal controls to monitor repayment

B. Short-term Loans

Short-term interfund loans for working capital to provide cash for Council-approved reimbursable grants and projects, are permitted. Short-term working capital loans are also permitted for temporary timing differences in cash flows when expenditures are incurred before revenue is collected. The source funds for working capital interfund loans are the General Fund and the Automotive Replacement Fund.

C. Prohibited Uses

- Interfund loans will not be used to solve ongoing structural budget issues.
- Interfund loans will not hinder the accomplishment of any function or project for which the lending fund was established.

City of Roseville
Request for Proposals (RFP) Policy

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I. INTRODUCTION

The purpose of this policy is to provide a uniform process for the issuance, evaluation, and selection of competitive proposals for services and/or customized goods.

II. DEFINITION

Request for Proposals ("RFP") is a competitive proposal process whereby the City solicits proposals from potential proposers. The RFP process is used for requirements in which the desired outcome is known, but it is difficult to define the methodology or the exact materials or services required to achieve the desired results.

Objectives of the RFP process are to:

A. Describe the City's requirements and desired outcomes within a written specification;

B. Solicit proposers for their proposed solutions;

C. Describe key criteria to be used in the evaluation of proposals;

D. Outline the terms and conditions under which the proposer(s) will operate or supply goods and/or services.

The City should use its best efforts to ensure that any RFP is as complete and thorough as possible, however should the scope of work or services of any RFP increase by twenty-five percent (25%) or more after publishing the RFP, that RFP should be withdrawn and any proposals rejected and a new RFP should be issued that includes the increased scope of work or services.

III. USE OF AN RFP

A. Contracts for goods or services with an estimated value greater than the amount stated in Roseville Municipal Code ("RMC") Sections 4.12.090 and 4.12.095 must be awarded by the use of competitive bids or an RFP, unless exempted by the City Council or law. Contracts for goods or services estimated to be equal or less than the amount stated in RMC Sections 4.12.090 and 4.12.095 may be awarded upon conclusion of informal interviews by representatives of the initiating department and other City staff, including the Purchasing Division ("Purchasing"), or by an RFP, as may be appropriate.

B. Notwithstanding the foregoing, qualifying goods or services may be procured without issuing a RFP. A qualifying good or service is one where there is only a

single source for obtaining the particular good and/or service. Examples of sole source goods or services include, but are not limited to, patented, copyrighted, licensed items, specialized test equipment/facilities, critical schedule requirements, unique services, and standardized goods or services for which there is only a single source. Prior to contracting with a sole source, the initiating department shall complete the sole source authorization form. Furthermore, with respect to professional services with an estimated amount exceeding the amount stated in RMC Sections 4.12.090 and 4.12.095, such services may not be procured through sole source without the prior authorization of the City Manager and City Attorney.

IV. PUBLIC NOTICE

Public notice of the RFPs shall be given in the same manner as provided in RMC Section 4.12.090.

The originating department ("Department") should also generate a list of potential proposers to notify and direct them to the RFP section of the City's website to access the RFP.

V. FORM OF PROPOSAL

A. City staff must use the City's latest version of the RFP template for the initial framework of the document and the City's Purchasing Guidelines should also be referred to. The RFP content should define the Department's needs and describe the scope of the work, allowing the potential proposer to develop the project details.

B. Late proposals shall not be accepted, however staff may extend the time for submission of all proposals.

C. Each proposal must be signed by an authorized representative of the proposer and include the legal name of the proposing organization and the signer's title. By signing the proposal it is presumed that the signer has authority to bind the proposer to the proposal's terms.

D. RFPs are scored based on the criteria presented in the RFP. Proposers may propose any method or process to satisfy the scope of work in the RFP that maximizes responsiveness to the criteria stated in the RFP.

VI. EVALUATION FACTORS

Award of a RFP shall be made to the responsible proposer whose proposal is determined, through a formal evaluation panel process, to be the most advantageous to the City after the evaluation panel has taken into consideration the evaluation factors set forth in the RFP. A master averaged score sheet shall be created based on the evaluation panel's initial evaluation. Proposals shall be scored according to the criteria stated in the RFP.

Proposals submitted will be reviewed by an evaluation panel. Members of the evaluation panel shall be comprised of City staff and at the option of City may include non-City staff upon approval of the City Manager and City Attorney. After the initial evaluation, proposers that have submitted the best and most complete proposals may be invited to one or more interviews. The number of proposers invited to an interview may vary depending upon the number of proposals submitted.

The RFP may indicate the relative importance of evaluation factors. The following are representative evaluation criteria that may be considered by the Department when preparing a RFP:

A. Reputation and Experience. Does the proposer have a reputation of being reliable, delivering on schedule, and performing tasks to the satisfaction of his/her clients? Does the proposer have sufficient experience in the kind of work required?

B. Capability and Availability of Staff. Does the proposer have qualified and experienced staff needed to perform the work?

C. Understanding of the Problem. Does the proposer demonstrate a thorough understanding of the issues and has it developed a relevant and effective approach?

D. Proximity of the Proposer. Although no preference shall be given to local businesses, proposer's office and/or staff proximity to City of Roseville offices or work location as it relates to the proposer's ability to be responsive to the project requirements may be considered.

E. Cost. Whenever possible and appropriate, a proposer's fee or hourly rate should be secured as part of the proposal and considered in the evaluation process. Whenever possible, RFPs should specify methods of submitting proposed costs that can be compared directly with competing proposals.

The City reserves the right to make a selection without interviews; therefore, the proposal should be submitted on the most favorable terms that the proposer might propose.

Should the City elect to conduct interviews with any proposers, the following criteria shall be considered and each proposer ranked by the evaluation panel during the interview process:

- Quality of presentation
- Ability to meet the City's business goals
- Communication style

A contract will be negotiated with the proposer considered best meeting the City's need for the project. In the event a mutually satisfactory contract cannot be negotiated with the City's first choice, negotiations may be terminated and commenced with the proposer considered next best in meeting the City's needs for the particular project.

The selected proposer will be required to execute a City prepared contract. The contract may further refine the scope of services and will provide for the terms and conditions of employment.

Evaluation Score Sheets. Upon a request pursuant to section 1.8 below, a proposer is entitled to a master averaged score sheet that reflects the averaged evaluation scores of the proposers during the evaluation panel's initial evaluation and the ranking of proposers from any interview (individual score sheets and/or notes are temporary and are not retained following a determination of the evaluation panel). The master score sheet and ranking shall be prepared by City staff prior to notifying any proposers of the results.

VII. DISCUSSIONS WITH PROPOSERS AND REVISIONS TO PROPOSALS

A. As provided in the RFP, discussions may be conducted with responsible proposers. These discussions shall be for the purpose of clarification to assure full understanding of, and responsiveness to the solicitation requirements. The proposers shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals, and such revisions may be permitted prior to the evaluation panel's determination of the award recommendation for the purpose of obtaining best and final proposals. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing proposers.

B. After the evaluation panel has determined the proposer(s) to be recommended for award, the Department may enter negotiations with the recommended

proposer(s) to finalize proposed services and price before the evaluation panel's formal notice of intent to award is made.

VIII. AWARD PROCESS

A. The award is made to the proposer(s) that is determined to best meet the overall needs of the City. For contracts for goods or services with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095, the award of such contract is expressly contingent upon City Council approval and the availability of funds. City staff may not legally bind the City to a contract with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095.

B. Rejection of RFP. The City reserves the right to reject any or all proposals, to waive defects or irregularities in any proposal or in the RFP process, and to offer to negotiate or contract with any proposer(s) in response to any RFP. RFPs do not constitute any form of offer to contract.

C. Multiple Award. The City reserves the right to award the contract to multiple proposers when applicable.

D. A formal notice of the intent to award to the recommended proposer(s) shall be made by the Department.

IX. PUBLIC DISCLOSURE

In accordance with the California Public Records Act, proposals submitted in response to a RFP, master averaged score sheets from the initial evaluation, and/or rankings from any interview shall be made available upon a public records request only after: (1) the proposal evaluation process is complete, (2) a contract has been negotiated, and (3) notice of intent to award has been made and/or the contract is placed on a City Council meeting agenda.

X. PROTESTS

A. Protest Requirements

1. Any proposer who is aggrieved in connection with the solicitation or award of a contract may file a protest with the City Clerk's office. The protest must be received in writing by the City Clerk's office within seven (7) calendar days after such aggrieved proposer 1) knows or should have known of the facts giving rise thereto or 2) the date of the notice of intent to award, whichever is sooner. In no event shall a protest be

allowed after an award has been made by City Council. If the seventh calendar day falls on a weekend or City holiday, the protesting party may submit the protest prior to close of business on the first business day following such weekend or holiday. Failure to submit a timely protest shall bar consideration of a protest.

2. RFPs must include a notification to prospective proposers of this protest policy.

3. Departments must notify and consult with Purchasing and the City Attorney's Office immediately upon becoming aware of any potential or actual protest. In the event of a proper protest, the RFP process shall be stayed pursuant to Section X (D) of this Policy.

B. Grounds for Protest

1. The alleged grounds for protest shall be limited to the following: (a) computation errors, (b) violations of local, state, or federal law, or (c) the City failed to follow the procedures specified in this Policy.

2. The protest shall state all grounds claimed for the protest and include supporting documentation. Failure to clearly state the grounds for the protest and provide supporting documentation shall be deemed a waiver of all protest rights.

C. Administrative Review

Upon receipt of the protest in accordance with Section X (A), and after determining the protest was properly filed, the Department Director shall provide a copy of the protest to other proposers who might become aggrieved as a result of the protest and issue a written decision within fourteen (14) calendar days after receipt of the protest. The protest will be evaluated by the Department Director, the City Attorney's Office, and the Purchasing Manager. The protesting proposer shall promptly provide any information requested by City staff as part of such investigation. The decision shall either deny or uphold the protest and include reasons for the decision. The written decision shall be final.

D. Stay of Action during a Protest

In the event a protest is filed under Section X, the City shall not proceed further with the award of the contract until the protest is resolved, unless:

1. The City Manager or designee makes a determination that the award of the contract without delay is necessary to protect a substantial interest of the City, or

2. The City decides to reject all proposals and issue a new RFP.

City of Roseville
Financial Policies



Effective July 1, 2021~~0~~

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City of Roseville
Investment Policy

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I. INTRODUCTION

The purpose of this document is to identify various policies and procedures that enhance opportunities for a prudent and systematic investment policy and to organize and formalize investment-related activities.

The investment policies and practices of the City of Roseville (City) are based on state law and prudent money management. All funds will be invested in accordance with this investment policy and Article 2 of Chapter 4 of the California Government Code. This policy is in compliance with the provisions of the California Government Code, Sections 53600 through 53659, and the authority governing investments for municipal governments.

II. SCOPE

The investment policy applies to all financial assets of the City as accounted for in the Comprehensive Annual Financial Report (CAFR). Policy statements outlined in this document focus on the City's pooled funds, but will also apply to all other funds under the City's Assistant City Manager/Chief Financial Officer's span of control unless specifically exempted by statute or ordinance.

Proceeds of debt issuance shall be invested in accordance with the permitted investment provisions of their specific bond indentures. If, in the opinion of the City's Assistant City Manager/Chief Financial Officer, matching the segregated investment portfolio of the bond reserve fund with the maturity schedule of an individual bond issue is prudent given current economic analysis, the investment policy authorizes beyond the five year maturity limitation as outlined in this document. The intent to invest in securities with longer maturities shall be disclosed in the permitted investment language authorized by the City Council in an indenture of trust.

The policy does not cover funds held by the Public Employees Retirement System nor funds of the Deferred Compensation program or the Other Post Employment Benefit Trust.

III. PRUDENCE

The standard of care to be used by investment officials shall be the "prudent investor" standard and shall be applied in the context of managing an overall portfolio. The "prudent investor" standard states that:

When investing, reinvesting, purchasing, acquiring, exchanging, selling, or managing public funds, a trustee shall act with care, skill, prudence, and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Investment officers acting in accordance with written procedures and the investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and appropriate action is taken to control adverse developments.

IV. OBJECTIVES

The primary objectives, in priority order, of the investment activities of the City shall be:

A. Safety

Safety of principal is the foremost objective of the investment program. City investments shall be undertaken in a manner that seeks to ensure preservation of Capital in the portfolio. To further achieve the safety objective, the amount invested in all investment categories is limited to a percentage of the portfolio as defined in the section "VIII. PERMITTED INVESTMENT INSTRUMENTS".

B. Liquidity

The investment portfolio of the City will remain sufficiently liquid to enable the City to meet its cash flow requirements.

C. Return on Investment

The investment portfolio of the City shall be designed with the objective of attaining a market rate of return on its investments consistent with the constraints imposed by its safety objective and cash flow considerations.

V. DELEGATION OF AUTHORITY

The City Council hereby delegates management responsibly of the investment program to the Assistant City Manager/Chief Financial Officer. The Assistant City Manager/Chief Financial Officer shall be responsible for all transactions undertaken and shall establish

a system of controls to regulate the activities of subordinate officials. The Assistant City Manager/Chief Financial Officer may delegate investment decision making and execution to the Controller in absence of the Assistant City Manager/Chief Financial Officer. No person may engage in an investment transaction except as provided under the limits of this policy unless specifically exempted by statute or ordinance.

VI. ETHICS AND CONFLICT OF INTEREST

Officers and employees involved in the investment process shall refrain from personal business activities that could conflict with proper execution of the investment program, or which could impair their ability to make impartial decisions.

VII. AUTHORIZED FINANCIAL DEALERS AND INSTITUTIONS

The Assistant City Manager/Chief Financial Officer and/or his/her designee will maintain a list of approved financial institutions authorized to provide investment services to the City in the State of California. These may include "primary" dealers or regional dealers that qualify under Securities & Exchange Commission Rule 15C3-1. A determination should be made to insure that all approved broker/dealer firms, and individuals covering the public agency, are reputable and trustworthy. In addition, the broker/dealer firms should have the ability to meet all of their financial obligations in dealing with the Public Agency. The firms, and individuals covering the agency, should be knowledgeable and experienced in Public Agency investing and the investment products involved. No public deposit shall be made except in a qualified public depository as established by the established state laws. All financial institutions and broker/dealers who desire to conduct investment transactions with the public agency must supply the Assistant City Manager/Chief Financial Officer with a completed broker/dealer questionnaire and certification of having read the City's investment policy. In addition, broker/dealers must certify annually of having read the City's investment policy.

VIII. PERMITTED INVESTMENT INSTRUCTIONS

The City shall limit investments in any one non-government issuer, except investment pools, to no more than 5% regardless of security type.

A. **U.S. Treasury obligations** for which the full faith and credit of the United States are pledged for the payment of principal and interest. Up to 100% of the City's investment portfolio may be invested in government obligations.

B. **Federal agency or United States government-sponsored enterprise obligations**, participations, or other instruments, including those issued by or fully guaranteed as to principal and interest by federal agencies or United States government-sponsored enterprises. This shall include any mortgage pass

through security issued and guaranteed by a Federal Agency with a maximum final maturity of five years. Purchase of Federal Agency issued mortgage-backed securities authorized by this subdivision may not exceed 20% of the City's surplus money; all other investments in Federal Agency securities are unrestricted.

C. **Obligations of the State of California or any local agency within the state**, including bonds payable solely out of revenues from a revenue producing property owned, controlled or operated by the state or any local agency or by a department, board, agency or authority of the state or any local agency, provided that the obligations are rated in one of the two highest categories by a nationally recognized statistical-rating organization (NRSRO). Up to 100% of the City's investment portfolio may be invested in California municipal obligations.

D. **Registered treasury notes or bonds of any of the other 49 states** in addition to California, including bonds payable solely out of the revenues from a revenue-producing property owned, controlled, or operated by a state or by a department, board, agency, or authority of any of these states.

E. **Repurchase Agreements** used solely as short-term investments not to exceed 30 days. Up to 100% of the City's investment portfolio may be invested in repurchase agreements.

The following collateral restrictions will be observed:

1. Only U.S. Treasury securities or Federal Agency securities, as described in section VIII. PERMITTED INVESTMENT INSTRUMENTS, paragraph (A) and (B) will be acceptable collateral. All securities underlying Repurchase Agreements must be delivered to the City's custodian bank by book entry, physical delivery, or by a third party custodial agreement. The total of all collateral for each Repurchase Agreement must equal or exceed, on the basis of market value, 102% of the funds borrowed against those securities. For any Repurchase Agreement with a term of more than one day, the value of the underlying securities must be reviewed on a weekly basis and the value of the underlying securities brought back up to 102% no later than the next business day.

2. Market value must be calculated each time there is a substitution of collateral.

3. The City or its trustee shall have a perfected first security interest under the Uniform Commercial Code in all securities subject to Repurchase Agreement.

4. The City may enter into Repurchase Agreements only with primary dealers of the Federal Reserve Bank of New York.

5. The City will have specific written agreements with each firm with which it enters into Repurchase Agreements.

6. Reverse repurchase agreements will not be allowed.

F. **Banker's Acceptances**, otherwise known as bills of exchange or time drafts that are drawn on and accepted by a commercial bank.

Purchases of Banker's Acceptances may not exceed 180 days maturity or 40% of the City's investment portfolio.

G. **Commercial paper** of "prime" quality of the highest ranking or of the highest letter and number rating as provided for by a NRSRO. The entity that issues the commercial paper shall meet all of the following conditions in section "VIII. PERMITTED INVESTMENT INSTRUMENTS", paragraph (G1) or (G2).

1. The entity meets the following criteria:

   a. Is organized and operating in the United States as a general corporation.

   b. Has total assets in excess of five hundred million dollars ($500,000,000).

   c. Has debt other than commercial paper, if any, that is rated "A" or higher by a NRSRO.

2. The entity meets the following criteria:

   a. Is organized within the United States as a special purpose corporation, trust, or limited liability company.

   b. Has program wide credit enhancements including, but not limited to, over collateralizations, letters of credit, or surety bond.

   c. Has commercial paper that is rated "A-1" or higher, or the equivalent, by a NRSRO.

Purchases of eligible commercial paper may not exceed 270 days maturity nor represent more than 10% of the outstanding paper of an issuing corporation.

Purchases of commercial paper may not exceed ~~25~~40% of the City's investment portfolio.

H. **Medium-term corporate notes** issued by corporations organized and operating within the United States or by depository institutions licensed by the U.S. or any state and operating within the U.S. Medium-term corporate notes shall be rated in a rating category "A" or its equivalent or better by a nationally recognized rating service.

Purchase of medium-term corporate notes may not exceed 30% of the City's investment portfolio.

I. **FDIC insured or fully collateralized time certificates of deposit.** Purchases of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

J. **Negotiable certificates of deposit or deposit notes** issued by a nationally or state-chartered bank, a state or federal savings and loan association, a state or federal credit union, or a federally-licensed or state-licensed branch of a foreign bank provided that the senior debt obligations of the issuing institution are rated "A" or better by an NRSRO.

The legislative body of a local agency and the treasurer or other official of the local agency having legal custody of the money are prohibited from investing local agency funds, or funds in the custody of the local agency, in negotiable certificates of deposit issued by a state or federal credit union if a member of the legislative body of the local agency or any person with investment decision making authority in the administrative office manager's office, budget office, auditor-controller's office, or treasurer's office of the local agency also serves on the board of directors, or any committee appointed by the board of directors, or the credit committee or the supervisory committee of the state or federal credit union issuing the negotiable certificates of deposits.

All certificates of deposit must be properly collateralized in accordance with Section 53652 of the California Government Code or fully insured by the Federal Deposit Insurance Corporation (FDIC).

Purchase of time certificates of deposit in combination with negotiable certificates of deposit may not exceed 30% of the City's investment portfolio.

K. **State of California's Local Agency Investment Fund**

The Local Agency Investment Fund (LAIF) portfolio should be reviewed periodically. Investment in LAIF may not exceed the legally authorized limits.

L. **Shares of beneficial interest issued by diversified management companies that are money market funds registered with the Securities and Exchange Commission** under the Investment Company Act of 1940 (15 U.S.C. Sec. 80a-1, et seq.). To be eligible for investment pursuant to this subdivision these companies shall either: (1) have attained the highest ranking or the highest letter and numerical rating provided by not less than two nationally recognized statistical rating organizations or (2) have an investment advisor registered or exempt from registration with the Securities and Exchange Commission with not less than five years' experience managing money market mutual funds and with assets under management in excess of $500,000,000.

The purchase price of shares of beneficial interest purchased shall not include any commission that the companies may charge and shall not exceed 20% of the City's investment portfolio. Further, no more than 10% of the City's investment portfolio may be invested in shares of beneficial interest of any one money market fund.

M. **Shares in a California common law trust** established pursuant to Title 1, Division 7, Chapter 5 of the Government Code of the State of California that invests exclusively in investments permitted by Section 53635 of Title 5, Division 2, Chapter 4 of the Government Code of the State of California, as it may be amended. Up to 100% of the City's investment portfolio may be invested in this investment type.

N. **Supranationals** are United States dollar denominated senior unsecured unsubordinated obligations issued or unconditionally guaranteed by the International Bank for Reconstruction and Development (IBRD), International Finance Corporation (IFC), or Inter-American Development Bank (IADB), with a maximum remaining maturity of five years or less, and eligible for purchase and sale within the United States. Investments under this subdivision shall be rated "AA-", its equivalent, or better by an NRSRO.

Purchases of supranationals shall not exceed 30% of the investment portfolio of the City. Supranationals are permitted by California Government Code § 53601 (q) effective January 1, 2015.

O. **A mortgage pass-through security, collateralized mortgage obligation, mortgage-backed or other pay-through bond, equipment lease-back certificate, consumer receivable pass-through certificate, or consumer receivable-backed bond**. Securities eligible for investment under this subdivision shall be rated in a rating category of "AA" or its equivalent or better by an NRSRO and have a maximum remaining maturity of five years or less. No more than 20% of the City's surplus funds may be invested in this type of security.

Where this section specifies a percentage limitation for a particular category of investment, that percentage is applicable only on the date of purchase. Credit criteria listed in this section refers to the credit of the issuing organization at the time the security is purchased. If an investment falls below the minimum purchase rating, the Investment Review Committee will perform a timely review to sell or hold the investment.

P. **Prohibited Investments**

For purposes of this policy, a derivative is defined as any security where the value is linked to or derived from an underlying asset or benchmark. Any security type or structure not specifically approved by this policy is hereby specifically prohibited. The City will not use such derivatives as range notes, dual index notes, inverse floating rate notes, deleveraged notes, or notes linked to lagging indices or to long term indices, nor will the City invest in reverse repurchase agreements or~~,~~ interest-only strips ~~that are~~ derived from a pool of mortgages~~, or any security that could result in zero interest accrual if held to maturity~~. The City will not invest in securities that could result in zero or negative interest accrual if held to maturity, except, in the event of, and for the duration of, a period of negative market interest rates, securities issued by, or backed by, the U.S. Government to preserve principal. This policy does not preclude the use of repurchase agreements and callable securities, as they do not fall within the definition of a derivative as described herein.

Summary of Maximum Percentage Limitations of Investments by Investment Type

Authorized Investment Type	Maximum Maturity	Minimum Credit Quality at Time of Purchase	Maximum Percentage Allowed	Maximum Investment In One Issuer
U.S. Treasury Obligations	5 Years	None	None	None
U.S. Agency Securities	5 Years	None	None	None
Forward Delivery Agreements	N/A	A	None	None
Local Agency Bonds	5 Years	None	None	None
Repurchase Agreements	30 days	None	None	None
Bankers' Acceptances	180 days	None	40%	30%
Commercial Paper	270 days	A-1	~~25~~40%	10%
Medium-Term Notes	5 Years	A	30%	~~5~~10%
Collateralized Time Deposits	5 Years	None	30%	None
Negotiable Certificates of Deposit	5 Years	A	30%	None
Local Agency Investment Fund (LAIF)	N/A	None	None	LAIF limit
Insured Saving Accounts	N/A	None	None	None
Money Market Mutual Funds	N/A	None	20%	10%
Shares in a California Common Law Trust	N/A	None	None	None
Interest Rate Swaps	N/A	None	None	None
Supranationals	5 Years	AA-	30%	None
Mortgage Pass-Through Securities	5 Years	AA	20%	None

IX. REVIEW OF INVESTMENT PORTFOLIO

The securities held by the City must be in compliance with Permitted Investments at the time of purchase. Because some securities may not comply subsequent to the date of purchase, the Assistant City Manager/Chief Financial Officer shall at least annually review the portfolio to identify those securities that do not comply. The Assistant City Manager/Chief Financial Officer shall report major and critical incidences of noncompliance identified through the review of the portfolio.

The Investment Review Committee will meet at least quarterly to discuss the investments in the City's portfolios.

X. INVESTMENT POOLS

A thorough investigation of any investment pool is required prior to investing and should be monitored on an ongoing basis. The following information should be obtained and analyzed.

A. A description of eligible of investment securities.

B. A written statement of investment policies and objectives.

C. A description of interest calculations and their distribution, and the treatment of gains and losses.

D. A description of how the securities are safeguarded (including the settlement processes), and how often the securities are priced and the program audited.

E. A description of who may invest in the program, how often, and what size of deposits and withdraws are allowed.

XI. COLLATERALIZATION

Collateral for Non-negotiable Certificates of Deposit and Negotiable Certificates of Deposit must comply with California Government Code section 53652. In addition, if the Certificate of Deposit is not FDIC insured, collateral is required equal to 110% of principal.

XII. SAFEKEEPING AND CUSTODY

The City shall take from such financial institution a receipt for securities so deposited. All security transactions, including collateral for repurchase agreements, entered into the City shall be conducted on a delivery-versus-payment (DVP) basis pursuant to the approved custodial safekeeping agreements. The authority of the legislative body to deposit for safekeeping may be delegated by the legislative body to the Assistant City Manager/Chief Financial Officer of the City; the Assistant City Manager/Chief Financial Officer shall not be responsible for securities delivered to and receipted for by a financial institution until they are withdrawn from the financial institution by the Assistant City Manager/Chief Financial Officer.

XIII. DIVERSIFICATION

The City's investment pool will be diversified to avoid incurring unreasonable and avoidable risks. The investments will be diversified by security type, maturities of those investments, and institutions in which those investments are made.

XIV. MAXIMUM MATURITY

Investment maturities shall be based on a review of cash flow forecasts. Maturities will be scheduled so as to permit the City to meet all projected obligations while minimizing interest rate risk and maximizing earnings. Unless specified below, the maximum maturity will be no more than five years from purchase date to maturity date.

City Council has granted permission to invest the following fund accounts where liquidity is not the primary investment objective, in Federal Treasury or Agency securities with maturities up to ten years. The specified fund accounts include:

- The City's Pooled Fund, limited to 25% of the total pool
- Citizens' Benefit Trust
- North Central Wetlands Endowment
- Aquatics Complex Maintenance
- Woodcreek West Endowment

XV. INTERNAL CONTROLS

The Assistant City Manager/Chief Financial Officer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the City are protected from loss, theft, fraud or misuse. An analysis by an external independent accounting firm shall be conducted annually to review internal controls, account activity, and compliance with the investment policies.

XVI. PERFORMANCE BENCHMARK

The investment portfolio will be designed to obtain a market rate of return during budgetary and economic cycles, taking into account the City's investment risk constraints and cash flow needs. The Investment Review Committee has elected to use for its performance standard the Constant Maturity Treasury (CMT) Index. For the Pooled Portfolio, the 12 month moving average yield on 3Yr CMT will be used and for Citizens' Benefit Trust portfolio, the 12 month moving average yield on 5Yr CMT will be used. All other City portfolios will follow the 2Yr CMT.

XVII. REPORTING REQUIREMENTS

The Assistant City Manager/Chief Financial Officer shall submit monthly investment reports to the City Manager and make these reports available to the City Council in the Finance Department office. The reports shall include, at a minimum, the following information for each individual investment:

- Description of investment instrument
- Issuer name
- Yield on cost
- Purchase date
- Maturity date
- Book value
- Par value
- Current market value
- Transaction activity
- Interest earnings summary

XVIII. INVESTMENT POLICY ADOPTION

The City's investment policy shall be adopted by resolution by the City Council. The policy shall be reviewed annually by the Assistant City Manager/Chief Financial Officer and/or his/her designee and any modifications made thereto must be approved by the City Council.

XIX. GLOSSARY

Agencies - Federal agency and instrumentality securities.

Asked - The price at which securities are offered.

Bid - The price offered by a buyer of securities (when one sells securities, one asks for a bid). See "Offer".

Benchmark - A comparative base for measuring the performance or risk tolerance of the investment portfolio. A benchmark should represent a close correlation to the level of risk and the average duration of the portfolio's investments.

Broker-Dealer – a person or a firm who can act as a broker or a dealer depending on the transaction. A broker brings buyers and sellers together for a commission. They do not take a position. A dealer acts as a principal in all transactions, buying and selling for his own account.

Certificate of Deposit (CD) – A time deposit with a specific maturity evidenced by a Certificate. Large-denomination CDs are typically negotiable.

Collateral – Securities, evidence of deposit or other property, which a borrower pledges to secure repayment of a loan. Also refers to securities pledged by a bank to secure deposits of public monies.

Custody – Safekeeping services offered by a bank, financial institution or trust company, referred to as the "custodian." Service normally includes the holding and reporting of the customer's securities, the collection and disbursement of income, securities settlement and market values.

Delivery Versus Payment –A type of securities transaction in which the purchaser pays for the securities when they are delivered either to the purchaser or custodian. It ensures that securities are deposited in an eligible financial institution prior to the release of funds. Securities should be held by a third-party custodian as evidenced by safekeeping receipts.

Diversification – Dividing investment funds among a variety of securities offering independent returns.

Federal Agency Obligation – A debt instrument issued by one of the federal agencies. Federal agencies are considered second in credit quality and liquidity only to U.S. Treasuries.

Investment Review Committee –The investment review committee consists of the City Manager, Assistant City Manager/Chief Financial Officer and members of the Finance Department.

Liquidity – An investment that can be converted easily and rapidly into cash without a substantial loss of value.

Local Agency Investment Fund (LAIF) – The aggregate of all funds from political subdivisions that are placed in the custody of the State Treasurer for investment and reinvestment.

Market Value – The price at which a security is trading and could presumably be purchased or sold on a specific date.

Maturity – The date upon which the principal or stated value of an investment becomes due and payable.

Money Market Fund – a type of safe investment comprising a variety of short-term securities with high quality and high liquidity. The fund provides interest to shareholders and must maintain a stable net asset value (NAV) of $1 per share.

Offer - The price asked by a seller of securities (when one buys securities, one asks for an offer). See "Asked" and "Bid".

Portfolio – Collection of securities held by an investor.

Principal – the original cost of a security. It represents the amount of capital or money that the investor pays for the investment.

Prudent Investor Standard – An investment standard that all investments should be made with care, skill, prudence and diligence under the circumstances then prevailing, including, but not limited to, the general economic conditions and the anticipated needs of the agency, that a prudent person acting in a like capacity and familiarity with those matters would use in the conduct of funds of a like character and with like aims, to safeguard the principal and maintain the liquidity needs of the agency.

Rate of Return - The yield obtainable on a security based on its purchase price or its current market price. This may be the amortized yield to maturity; on a bond, the current income return.

U.S. Treasury – Government debt issued by the United States Department of the Treasury through the Bureau of the Public Debt. Treasury securities are the debt financing instruments of the United States federal government, and they are often referred to simply as Treasuries. There are four types of marketable treasury securities: Treasury bills, Treasury notes, Treasury bonds, and Treasury Inflation Protected Securities (TIPS). All of the marketable Treasury securities are very liquid and are heavily traded on the secondary market.

Yield - The rate of annual income return on an investment, expressed as a percentage.

Yield-To-Call (YTC) - The rate of return an investor earns from a bond assuming the bond is redeemed (called) prior to its nominal maturity date.

Yield-To-Maturity - The current income yield minus any premium above par or plus any discount from par in purchase price, with the adjustment spread over the period from the date of purchase to the date of maturity.

City of Roseville
Debt Management Policy

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I. INTRODUCTION

The Finance Department of the City of Roseville (the "City") has developed this Debt Management Policy (the "Debt Policy") to provide guidelines for the issuance of bonds and other forms of indebtedness to finance necessary land acquisitions, capital construction, equipment, and other items for the City.

While the issuance of debt is frequently an appropriate method of financing capital projects and major equipment acquisitions, such issuance must be carefully monitored to preserve the City's credit strength and to provide the necessary flexibility to fund future capital needs.

II. SCOPE

This Debt Policy shall govern, except as otherwise covered by the law, City Charter and City Code, the issuance and management of all debt and lease financings funded in the capital markets. While adherence to the Debt Policy is desired, the City recognizes that changes in the capital markets as well as unforeseen circumstances, may from time to time produce situations that are not covered by the Debt Policy and may require modifications or exceptions to achieve City goals.

The City's Debt Policy shall be reviewed, and updated if necessary, on an annual basis. The Chief Financial Officer (CFO) with the assistance of the General Accounting staff shall have the responsibility and authority for structuring, implementing and managing the City's debt and financing program, in accordance with City Council authorizations.

III. OBJECTIVES AND POLICY GOALS

The City has earned some of the highest credit ratings in the nation and as a result receives some of the lowest possible interest rates on its debt. These low interest rates result in a lower overall cost of capital to the City. This Debt Policy will assist the City in determining appropriate uses of debt financing, establish certain debt management goals and assist the City in maintaining its high credit ratings, while assuming a prudent level of financial risk and preserving the City's flexibility to finance future capital programs and requirements. Additionally, this Debt Policy is intended to set forth criteria for selecting firms to provide certain financial, legal, and other related services that will ensure that a fair and open selection process is used which provides opportunities for all qualified firms, including minority and women owned businesses.

IV. DEBT ISSUANCE

There are three general methods of issuing debt obligations, a competitive sale, negotiated sale and private placement.

A. Types of Bond Sales

1. Competitive Sale

In a competitive sale, security dealers submit bids either in a sealed bid or electronically secure process and the security dealer with the lowest True Interest Cost (TIC) and in compliance with the bid parameters is awarded the bonds.

2. Negotiated Sale

In a negotiated sale, an underwriter or underwriter syndicate is selected through a Request for Qualifications (RFQ) process or a Request for Proposal (RFP) process. The interest rate and underwriter's fee are negotiated prior to the sale, based on market conditions.

3. Private Placement/Bank Direct Purchase (BDP)

A private placement or bank direct purchase is a sale that is structured specifically for one purchaser, such as a mutual fund or a bank. BDPs are usually quicker and less expensive for municipalities than competitive or negotiated bond sales because they impose fewer requirements on the issuer. The interest rate may be a fixed or variable rate, as agreed between the issuer and purchaser. The term of the bonds may range from under 10 years to 15 years or not much longer, as agreed between the issuer and purchaser. The bonds may or may not be tax-exempt bonds for federal income tax purposes. If the CFO, or his/her designee, determines that it is in the best interest of the City from a cost or administrative standpoint, the Finance Department may negotiate financing terms with banks and financial institutions for specific borrowings.

It shall be the policy of the City to ensure the lowest risk and lowest overall interest rate to the City when issuing debt either through a competitive sale, negotiated sale or private placement, where appropriate. The City shall use the following criteria to determine whether a competitive or negotiated sale should be used.

B. Issuer Characteristics

1. Market Familiarity

A frequent issuer of a well-recognized credit such as general obligation bonds can generally sell these bonds through a competitive sale since investors and underwriters are familiar with the quality of the credit. A negotiated sale may be appropriate if extensive pre-marketing to investors is desired or required.

2. Credit Strength

The higher the credit quality of the bonds being issued, the more likely the bonds can be sold using a competitive sale due to the high demand for high quality municipal bonds. High quality credits fare well in competitive sales.

3. Policy Goals

A competitive sale does not provide the City with the flexibility of choosing the underwriter or underwriter syndicate. If the CFO concludes that determining the composition of the underwriter syndicate to achieve certain policy objectives is important, then a negotiated sale will be required. However, if the CFO selects the negotiated sale solely for policy reasons then the specific rationale and criteria for selection should clearly be specified.

C. Financing Characteristics

1. Type of Debt Instrument

The market favors familiar debt instruments such as general obligation bonds backed by the full faith and credit of the City. New credit types may require an education process that is more conducive to a negotiated sale until the market becomes comfortable with the credit.

2. Issue Size

The size of the bond sale will influence both investor interest in the bonds and the market's ability to absorb the bonds. In general if the bond sale is too small or too large, a negotiated sale may be necessary. A small

sale may require greater marketing to garner investor interest while a large sale may be difficult for the market to absorb without the presale activity available in the negotiated sale process.

3. Market Conditions and Timing

During periods of stable interest rates, market timing is not as critical. However, during periods of volatile interest rates, the timing of the sale becomes more critical. Bond refundings are also often very interest rate sensitive in terms of the potential level of savings or the general feasibility of the refunding. The negotiated sale provides more flexibility in terms of the structure of the bond sale as well as the timing of the bond sale and may be more appropriate when issuing refunding bonds and when interest rates are volatile.

4. Story Bonds

Bonds that require a detailed explanation due to the complexity of the credit or the repayment of the bonds are often referred to as "Story Bonds". Due to their complexity and the additional explanation these bonds require, an extensive pre-marketing campaign is necessary. Story Bonds often require a negotiated sale composed of an underwriting syndicate that is qualified to market the bonds in order to obtain the lowest financing cost for the City.

V. FINANCIAL SERVICE PROVIDERS

A. Selection

In connection with debt financings, financial advisors, underwriters, and other service providers will be selected from a Qualified Vendors List (QVL) developed through a periodic Request for Qualifications (RFQ) process or, for individual financings, through a Request for Proposals (RFP) process, whichever method is deemed most appropriate given the specifics of the financing. At the discretion of the CFO, contracts may be awarded on a sole source basis if it is clear that an RFQ/RFP process is not feasible or not in the best interest of the City.

For competitive sales, any security dealer meeting the qualification criteria outlined in the competitive bid notice may bid in the competitive sale. For negotiated sales, only those underwriters qualified under the RFQ/RFP process may be selected. Underwriters or underwriter syndicates will be selected by the CFO. The allocation of bonds among syndicate members will be at the sole discretion of the CFO with the approval of the City Manager or his/her designee.

B. Use of Independent Financial Advisors

The City will hire financial advisors who are independent. In the event the best available financial advisor is an investment banking firm, the firm will under no circumstances be permitted to participate as the lead underwriter or as a member of an underwriter syndicate that is bidding on the bonds for which the firm is acting as a financial advisor. In addition, if the firm has any profit sharing or other type of agreement with any member of the underwriting syndicate for the transaction in question, they will not be allowed to act as the financial advisor. In general, no agreement will be permitted that would compromise the firm's ability to provide independent advice or that could be reasonably perceived by the City as a conflict of interest. Advisors must alert the CFO, in writing, of any conflict, potential conflict, or potentially perceived conflict prior to entering into an agreement with the City, or if occurring after entering into an agreement with the City, as soon as the conflict, potential conflict, or potentially perceived conflict arises.

C. Communication/Solicitation

All financial consultants, including all investment banking firms, financial advisors, bond counsel, and other consultants hired in connection with any bond transaction will direct all communications, solicitations and questions to the CFO or his/her designee. Underwriters are reminded that under Rule G-37 of the Municipal Securities Rulemaking Board (MSRB) that a firm may be banned from providing underwriting services to the City for two years for making any political contributions to elected City officials.

VI. DEBT MANAGEMENT PROCESS – TAX STATUS

Prior to the issuance of any bonds, the Finance Department, in conjunction with bond counsel and the City Attorney's Office will evaluate the tax status of any bond sales.

A. Tax-Exempt

Interest on tax-exempt bonds is excluded from the gross income of its owners for federal income tax purposes and from California income taxes and as a result tax-exempt bonds can be sold at a lower true interest cost than taxable bonds. The City, along with bond counsel, will evaluate all projects to be funded to assess their eligibility to be funded by tax-exempt bonds. The City will make every effort to ensure that all tax regulations are complied with to ensure the bonds maintain their tax-exempt status.

B. Taxable

Certain municipal bonds are sold as taxable bonds because they are issued for purposes that the federal government deems do not provide a significant benefit to the public at large or involve "private activity". In addition, certain tax laws such as the alternative minimum tax (AMT) reduced the tax exemption applicable to certain types of bonds and to certain taxpayers. Taxable bonds will be used whenever a particular project has the potential for private activity or other uses that may call into question the eligibility to use tax-exempt financing.

VII. DEBT MANAGEMENT PROCESS – TYPE OF DEBT

A. Fixed Rate Debt

Longer term debt usually consists of fixed interest rates over the term of the bonds and should be used to finance essential capital facilities, projects and certain equipment where it is appropriate to spread the cost of the project over more than one budget year and generally for a period not to exceed the useful life of the project being financed. In so doing, the City recognizes that future taxpayers who will benefit from the project will pay a share of its cost. Fixed rate debt provides the benefit of fixed payments during the life of the bonds and budget certainties for long-term capital planning. However, fixed rate debt is typically longer term and carries higher interest payments (assuming an upward sloping yield curve) than variable rate debt but is not subject to changes in interest rates. Fixed rate debt is the most common type of debt issued by the City.

B. Variable Rate Debt

The municipal bond market has developed several vehicles by which municipalities can borrow at short-term, variable interest rates. Variable Rate Demand Notes may be issued with interest rates that "reset" daily, weekly, monthly or semiannually at the option of the City. Commercial paper is issued with a maturity of up to 270 days at the City's option. As the commercial paper matures, it is resold by a commercial paper dealer for another period up to 270 days.

These products are structured as a rolling series of short-term investments and therefore are priced at the short-end of the yield curve at lower interest rates than long-term fixed rate bonds (assuming an upward sloping yield curve). By accepting the risks inherent in variable interest rates, the City can take advantage of the lowest rates available in the current market.

Factors that will be considered in the use of variable rate debt are the availability and size of fund balances to cover variable rate risk, and the budget flexibility of the program being financed. Programs with large complex capital programs may use short-term financing to fund uncertain construction cash flow requirements. The short-term debt can be refinanced as fixed-rate, long term debt once the projects are complete. A project that must be carried in anticipation of grant funding may also be a candidate for the use of variable rate financing. Examples are the Electric, Water, and Wastewater enterprise funds.

C. Use of Alternative Debt Instruments

1. Derivative Products

The use of certain derivative products, such as swaps, swaptions and the sale of call options, allow the City to realize lower all-in costs on a new debt issuance or to receive an upfront payment. One type of swap that may be used would allow the City to issue variable rate debt in exchange for fixed payments that are typically lower than fixed rate debt. However, such products have unique risks that the City and its financial advisors will evaluate as per the City's Swap Policy. The current Swap Policy is included in Appendix A.

VIII. DEBT MANAGEMENT PROCESS – DEBT CAPACITY

The determination of how much indebtedness the City can afford begins by assessing the sufficiency of future revenues. The amount of debt issued is based on the requirements of the approved 5-year CIP, subject to the condition that sufficient revenues are projected to be available. Factors such as debt service coverage requirements outlined in the bond indentures, the impact on the citizens (tax rates), and any impact on the bond ratings will be carefully considered. Different factors are considered for each type of credit. For example, Revenue or Certificates of Participation bonds for electric, water and wastewater bonds will consider the impact on customer utility bills. In the case of general obligation debt, State Statutes and the Constitution limit the amount of debt that a municipality can have outstanding.

IX. DEBT MANAGEMENT PROCESS – SECURITY OF DEBT

A. General Obligation (G.O.) Bonds

G.O. bonds are backed by the full-faith and credit of the City and are secured by secondary property taxes.

B. Revenue Bonds

Revenue bonds are supported solely from fees generated from specific Enterprise Funds. Accordingly, in order to preserve debt capacity and budget flexibility, the City will issue revenue bonds when an identifiable revenue stream can be dedicated to support the payment of debt service. The final maturity of revenue obligations will be determined by the expected life of the project to be financed and the revenues available to repay the debt. The City's various Enterprise Funds – Electric, Water, and Wastewater issue bonds backed by revenues of the enterprise. Revenue bonds are generally issued through the Roseville Finance Authority.

C. Certificates of Participation (COP) Bonds

COP bonds are an instrument evidencing a pro rata share in a specific pledged revenue stream, usually lease payments by the issuer that are typically subject to annual appropriation. The certificate generally entitles the holder to receive a share, or participation, in the payments from a particular project. The payments are passed through the lessor to the certificate holders. The lessor typically assigns the lease and the payments to a trustee, which then distributes the payments to the certificate holders.

D. Housing Bonds

Tax-exempt housing bonds are an important source of capital, providing loans for single-family homeownership and rental housing for very-low, low and moderate-income individuals and families. The relatively low tax-exempt interest rates, combined with federal, state, and local housing assistance programs, provide the necessary subsidy to create a supply of much needed, below market interest-rate loans.

E. Community Facilities District (CFD) Bonds

CFD bonds are issued and backed entirely by a Community Facilities District established under State Statutes for the purpose of managing and financing public improvements within the district boundaries. Any CFDs established in the City are reviewed by the Finance Department and the Finance Department will supervise the issuance of the debt on behalf of the CFD with the CFD paying all costs of issuance including administrative support. The creation of a CFD must be approved by City Council and follow a detailed legal process. Please refer to the City's Goals and Policies Concerning Use of Mello-Roos Community Facilities Act

of 1982~~Appendix B for additional Goals and Policies~~, available on the City's website, concerning CFD bonds.

F. Special Assessment Bonds

Special assessment bonds are a special type of municipal bond used to fund development projects that benefit a discrete group of taxpayers within a special assessment district. Principal and interest owed on the bonds is paid from assessments on the property benefiting from the particular bond-funded project. The creation of an Assessment District must be approved by City Council and follow a detailed legal process.

X. DEBT MANAGEMENT PROCESS – PURPOSE OF FINANCING

Generally, financings may be undertaken to fund new projects "new money financing" or to refund existing bonds.

A. New Money Financing

New money issues are those financings that generate funding for capital projects. These funds will be used for necessary land acquisitions, capital construction, equipment, and other items for the City. New money bond proceeds are generally not used to fund operational activities. The City also may use its commercial paper programs to provide interim new money funding. The commercial paper notes are retired upon receipt of bond proceeds from a long-term fixed rate financing.

B. Refunding Bonds

A periodic review of the City's outstanding debt will be undertaken by the Finance Department to determine refunding opportunities.

Refunding bonds are issued to retire all or a portion of an outstanding bond issue. Most typically this is done to refinance at a lower interest rate to reduce overall debt service. Alternatively, some refundings are undertaken for reasons other than to achieve cost savings, such as to restructure debt service payments, to change the type of debt instruments being used, or to eliminate undesirable covenants.

In any event, a present value savings analysis must be prepared that identifies the economic effects of any refunding being considered by the City. The savings from any particular refunding candidate shall generally be at least 5% of the refunded par amount, net of all transaction expenses. This 5% savings target may be waived by the CFO, or his/her designee, upon a finding that such a refunding

is in the City's best overall financial interest and shall not be applicable for refunding transactions that are not solely undertaken to achieve cost savings.

XI. DEBT MANAGEMENT PROCESS - CREDIT RATINGS

The City seeks to obtain and maintain the highest possible credit ratings for all categories of short- and long-term debt. The City will not issue bonds that do not carry investment grade ratings.

A. Rating Agency Relationships

The CFO, or his/her designee, shall be responsible for maintaining relationships with rating agencies that assign ratings to the City's various debt obligations. This responsibility shall include coordinating meetings and presentations in conjunction with the issuance of debt. Full disclosure of operations and open lines of communication shall be maintained with the rating agencies used by the City.

B. Use of Rating Agencies

The City may obtain a rating from at least one nationally recognized rating agency on all new bond issues being sold in the public market. The CFO, or his/her designee, shall determine whether or not any additional ratings will be requested on a particular financing. The CFO, or his/her designee, shall determine which major rating agencies will be asked to provide a rating. Exceptions to this requirement, such as when using a private placement, are permissible, if warranted by the circumstances and approved by the CFO, or his/her designee.

The City and/or the financing team shall notify the rating agencies by telephone or through written correspondence when the City anticipates issuing bonds. Bond documentation shall be sent several weeks prior to the bond sale to the selected rating agencies in order to provide the rating agencies sufficient time to perform their review. A personal meeting with the selected rating agencies may be scheduled if, in the opinion of the CFO, or his/her designee, such a meeting is in the best interest of the City in order to obtain the highest possible credit rating.

The City shall make every reasonable effort to maintain or improve its high quality credit ratings.

The City may request an underlying rating and an insured rating on all bond issues utilizing bond insurance.

The City shall submit its audited comprehensive annual financial report to all rating agencies utilized by the City.

XII. DEBT MANAGEMENT PROCESS – CREDIT ENHANCEMENT

Although the City has high credit ratings, credit enhancement through the use of bond insurance or a bank facility such as a letter of credit to strengthen the underlying credit rating of certain bonds may be financially beneficial. Bonds insured by insurers rated AAA will also receive the AAA rating and thus be able to be sold at a lower interest rate. Bank facilities, such as letters of credit from highly rated banks, can also be used to provide credit enhancement.

A. Bond Insurance

Bond insurance will be considered when it provides an economic benefit to a particular bond maturity or entire issue. Bond insurance provides improved credit quality for the bonds as a result of the insurance provider's guarantee of the payment of principal and interest on the bonds. Because of the decreased risk of non-payment, investors are willing to purchase insured bonds at lower yields than uninsured bonds, thus providing the issuer with interest cost savings.

1. Benefit Analysis

The decision to use bond insurance is an economic decision. A benefit analysis compares the present value of the interest savings to the cost of the insurance premium. Insurance will be purchased when the premium cost is less than the present value of the projected interest savings. A copy of the benefit analysis shall be maintained in the files of the Finance Department.

2. Selection

The City or its financial advisor will undertake a competitive selection process when soliciting pricing for bond insurance, or in the case of a competitive sale, facilitating the prequalification of bonds by insurance providers. The City recognizes that all providers may not be interested in providing bids to the City or pre-qualifying the issue. The winning security dealer in a competitive sale will determine whether it will purchase insurance for the issue. For a negotiated sale, the CFO shall have the authority to purchase bond insurance when deemed advantageous and the terms and conditions governing the guarantee are satisfactory.

B. Bank Facilities (Letters of Credit)

When used for credit enhancement, letters of credit ("LOC") represent a bank's promise to pay principal and interest when due for a defined period of time, subject to certain conditions. In the case of a direct-pay LOC, the trustee will draw upon the LOC to make debt service payments and the City will reimburse the LOC provider the amount drawn on the LOC by the trustee. A stand-by LOC is used to ensure the availability of funds to pay principal and interest of an obligation only if the funds in the debt service account held by the trustee are insufficient to make the debt service payment on the bonds.

XIII. DEBT MANAGEMENT PROCESS – STRUCTURAL FEATURES

A. Maturity

The final maturity of a bond sale shall be equal to or less than the remaining useful life of the assets being financed, and the average life of the financing shall not exceed 120% of the average useful life of the assets being financed.

B. Debt Service Structure

The Finance Department will carefully consider the debt service structure for each bond issue. Factors such as the flow of revenues available for a particular credit, the need to fill in gaps created by refunding specific principal maturities or to structure savings from a refunding in a particular year will be considered. Accelerated repayment may be considered within the bonding capacity constraints to provide capacity for future capital programs. Bonds will be amortized over a period of time not to exceed the useful life of the assets being financed.

C. Lien Levels

Senior, Junior and Subordinated Junior Liens for each revenue source will be utilized in a manner that will maximize the most critical constraint - typically either cost or capacity - thus allowing for the most beneficial use of the revenue source securing the bond.

D. Capitalized Interest

Subject to Federal and State law, interest may be capitalized from the date of issuance of the debt. Interest may also be capitalized for projects in which the revenue designated to pay debt service on the bonds will be collected at a future date, not to exceed six months from estimated completion of construction. Any

use of capitalized interest will require a review by bond counsel and approval by the CFO.

XIV. INVESTMENT OF BOND PROCEEDS

The City shall comply with all applicable Federal, State, and Indenture restrictions, if any, regarding the use and investment of bond proceeds. This includes compliance with any restrictions on the types of investment securities allowed, restrictions on the allowable yield of invested funds as well as restrictions on the time period over which some bond proceeds may be invested. The CFO, or his/her designee, will direct the investment of bond proceeds in accordance with the permitted investments for each particular bond issue. Investments such as guaranteed investment contracts may be considered when their use is in the best interest of the City and will be selected on a competitive basis.

XV. CONTINUING DISCLOSURE

The City will comply when applicable with Rule 15(c)2-12 of the Securities and Exchange Commission by filing an annual report and annual financial information with the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System , and filing material event notices within 10 days of occurrence of certain events as required by the Rule.

XVI. ARBITRAGE REBATE

The City shall comply with all arbitrage rebate requirements as established by the Internal Revenue Service and the Finance Department shall establish a system of record keeping and reporting to meet the arbitrage rebate compliance requirements of the federal tax code. This effort shall include tracking project expenditures financed with bond proceeds, tracking investment earnings on bond proceeds, calculating rebate payments in compliance with tax law, and remitting any rebate earnings to the federal government in a timely manner in order to preserve the tax-exempt status of the City's outstanding tax-exempt debt issues. The CFO, or his/her designee, may enter into agreements with arbitrage service providers to assist the City with complying with arbitrage regulations.

XVII. INTERNAL CONTROLS AND POST ISSUANCE COMPLIANCE

The City shall comply with all applicable laws and regulations to ensure the tax-exempt status of its bonds. The Finance Department shall maintain written procedures to document the processes used to monitor the appropriate use of bond proceeds and to ensure compliance with applicable laws and regulations, and shall specify the positions and individuals responsible for these processes.

APPENDIX A

Swap Policy

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I. INTRODUCTION

The swap guidelines outlined herein are only intended to provide general procedural direction regarding the future use, procurement and execution of interest rate swaps and options. These guidelines are intended to relate to various interest rate hedging techniques, including the contractual exchange of different fixed and variable rate payment streams through interest rate swap agreements. The swap policies are not intended in any way to require the City to modify or terminate existing interest rate swaps. The City maintains the right to modify these guidelines and may make exceptions to any of them at any time in its sole discretion. Failure to comply in any manner with these swap guidelines shall not result in liability on the part of the City to any party.

II. APPROACH AND OBJECTIVES

Interest rate swaps and options are appropriate interest rate management tools that can help the City meet important financial objectives. Properly used, these instruments can increase the City's financial flexibility, provide opportunities for interest rate savings or enhanced investment yields, and help the City manage its balance sheet through better matching of assets and liabilities. Swaps should be integrated into the City's overall debt and investment management guidelines and should not be used for speculation.

Swaps are appropriate to use when they achieve a specific objective consistent with the City's overall financial strategies. Swaps may be used, for example, to lock-in a current market fixed rate or create additional variable rate exposure. Swaps may be used to produce interest rate savings, to alter the pattern of debt service payments, or for asset/liability matching purposes. Swaps may be used to cap, limit or hedge variable rate payments. Options granting the right to commence or cancel an underlying swap may be used to the extent the swap itself is consistent with these guidelines or the City determines there are other advantages to be derived in granting the option; however, the City must determine if the use of any such option is appropriate and warranted given the potential benefit, risks, and objectives of the City. The City's staff, together with its Bond Counsel and its Financial Advisor, periodically shall review the City's swap guidelines and recommend appropriate changes.

In connection with the use of any swaps, the City Council shall make a finding that, per Government Code Section 5922, the applicable swap is designed to reduce the amount or duration of the interest rate risk or result in a lower cost of borrowing when used in combination with the issuance or carrying of the Bonds or enhance the relationship between the risk and return with respect to the City's investments or program of investment, as applicable.

Rationales for Utilizing Interest Rate Swaps and Options

A. Optimize capital structure; including schedule of debt service payments and/or fixed vs. variable rate allocations

B. Achieve appropriate asset/liability match

C. Reduce risk, including:

1. Interest rate risk;
2. Tax risk; or
3. Liquidity renewal risk

D. Provide greater financial flexibility

E. Generate interest rate savings

F. Enhance investment yields

G. Manage exposure to changing markets in advance of anticipated bond issuances (through the use of anticipatory hedging instruments)

III. PERMITTED INSTRUMENTS

The City may utilize the following financial products on a current or forward basis, after identifying the objective(s) to be realized and assessing the attendant risks.

A. Interest rate swaps, including fixed, floating and/or basis swaps; and

B. Options, including swaptions, caps, floors, collars and/or cancellation or index-based features

IV. PROCEDURE FOR SUBMISSION AND EXECUTION

Unsolicited proposals are to be mailed to the Chief Financial Officer and the Financial Advisor for evaluation. Such unsolicited proposals need to be received four weeks prior to the next City Council meeting for consideration at such meeting. For proposals received within four weeks of the next City Council meeting, the City reserves the right to consider the proposal at the following month's Council meeting.

Legal costs incurred in connection with an unsolicited proposal shall be paid by the firm submitting the proposal if for whatever reason the proposal does not close or should the City elect for any reason not to proceed. If the City elects to proceed with the

proposed transaction and the proposed transaction closes, the City will absorb such legal costs through costs of issuance.

The City staff and the Financial Advisor shall review all unsolicited proposals prior to presentation to the City Council. The City shall only present proposals to the Council that the City, in its sole discretion, believes should be considered further given, for example, the projected savings or other benefits and the ability to meet one or more of the objectives outlined herein. Only proposals that meet the savings guidelines (as described in the "Guidelines for Financing and Selection of the Financing Team") or that the City staff find compelling for other reasons, shall be presented.

Procurement and Execution

The City will not have a fixed guideline with respect to swap procurement. The City will assess the benefits of competitively bidding financial products that are non-proprietary or generally available in the marketplace. On a product-by-product basis, the City will have the authority to negotiate the procurement of financial instruments that have customized or specific attributes designed on the City's behalf.

The use of financial derivative products will be recommended if they meet one of the benefits outlined herein or if they:

A. Provide a specific benefit not otherwise available;

B. Produce greater expected interest rate savings or incremental yield than cash market alternatives;

C. Are not speculative or do not create unreasonable leverage or risk;

D. Result in an improved capital structure or better asset/liability match; or

E. Reasonably pass the risk evaluation required by these guidelines

Conformance with Dodd-Frank

It is the intent of the City to conform this policy to the requirements relating to legislation and regulations for over-the-counter derivatives transactions under Title VII of the Wall Street Transparency and Accountability Act of 2010, as supplemented and amended from time to time (herein collectively referred to as "Dodd-Frank"). Pursuant to such intent, it is the policy of the City that: (i) each swap advisor engaged or to be engaged by the City will function as the designated qualified investment representative of the City, sometimes referred to as the "Designated QIR"; (ii) each swap advisor agrees to meet and meets the requirements specified in Commodity Futures Trading

Commission Regulation 23.450(b)(1) or any successor regulation thereto (herein referred to as the "Representative Regulation"); (iii) each swap advisor provide a written certification to the City to the effect that such swap advisor agrees to meet and meets the requirements specified in the Representative Regulation; (iv) the City monitor the performance of each swap advisor consistent with the requirements specified in the Representative Regulation; (v) the City exercise independent judgment in consultation with its swap advisor in evaluating all recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy; and (vi) the City rely on the advice of its swap advisor with respect to transactions authorized pursuant to this Debt Policy and not rely on recommendations, if any, presented by any counterparty with respect to transactions authorized pursuant to this Debt Policy.

Counter-Party Risk Assessment

The City will only do business with highly rated counter parties or counter parties whose obligations are supported by highly rated parties. The City will structure swap agreements to protect itself from credit deterioration of counter parties, including the use of credit support annexes or other forms of credit enhancement to secure counter party performance. Such protection shall include any terms and conditions which in the City's sole discretion are necessary or appropriate or in the City's best interest.

The City shall enter into interest rate swap transactions only with qualified swap counter parties. Qualified swap counter parties are investment banks as will be identified by the Financial Advisor. Qualified swap counter parties should be rated at least "Aa3" or "AA-" by one of the nationally recognized rating agencies (i.e. Moody's, Standard and Poor's, and Fitch) and not rated lower than "A2" or "A" by any nationally recognized rating agency. In addition, the counter party must have a demonstrated record of successfully executing swap transactions as well as creating and implementing innovative ideas in the swap market. Each counter party shall have minimum capitalization of at least $150 million.

The City should not have an immutable credit standard. However, the City will attempt to do business with highly rated counter parties of "Aa3" or "AA-" or better. For lower rated (below "Aa3" or "AA-") counter parties, the City should seek credit enhancement in the form of:

A. Contingent credit support or enhancement; or

B. Collateral consistent with the policies contained herein

V. SWAP ANALYSIS AND PARTICIPANT REQUIREMENTS

In connection with any swap, the City and its Financial Advisor shall review the proposed transaction and outline any considerations associated with the transaction to the City Council. Such a review should include the following:

A. The identification of the proposed benefit and potential risks, which shall include, but not necessarily be limited to, those risks outlined herein

B. Independent analysis of potential savings from a proposed transaction

C. Fixed versus variable rate and swap exposure before and after the proposed transaction

D. Market Net Termination Exposure (as outlined herein) for all existing and proposed transactions at the City

Swap Risks

A. Counter party Risk – The risk of a payment default on a swap by an issuer's counter party

B. Termination Risk - The risk that a swap has a negative value and the issuer owes a "breakage" fee if the contract has to be liquidated

C. Tax Risk – A mismatch between changes in the rate or price on an issuer's underlying bonds and the swap caused by a reduction or elimination in the benefits of the tax exemption for municipal bonds, e.g. a tax cut, which results in an increase in the ratio of tax-exempt to taxable yields

D. Basis Risk – A mismatch between the rate on an issuer's underlying bonds and the rate paid under the swap, e.g. a tax-exempt variable rate issue which trades at 62% of LIBOR while the issuer only receives 60% of LIBOR under the swap

E. Tax Exemption Risk – The risk that the transaction may make the issuer's related bonds taxable

F. Liquidity/Remarketing Risk – The risk that an issuer cannot secure a cost-effective renewal of a Letter or Line of Credit or suffers a failed auction or remarketing with respect to its variable-rate bonds

Benefit Expectation

Financial transactions, using fixed rate swaps or other derivative products, should generate 2% greater projected savings than the savings guidelines (as described in the "Guidelines for Financing and Selection of the Financing Team") then in effect for traditional bonds. This threshold will serve as a guideline and will not apply should the transaction, in the City's sole judgment, help to meet any of the objectives outlined herein. The higher savings target reflects the greater complexity and higher risk of derivative financial instruments. At a minimum, such financial transactions should provide a savings of no less than 5% over refunded par regardless of the spread between the financial transaction and a traditional bond refunding.

For example, assuming a refunding of $100 million of existing bonds, a traditional fixed rate advance refunding that does not use derivative products would have a present value savings threshold of $5 million, which is 5% of the refunded par. If the refunding structure utilizes a derivative product, the threshold would be $7 million in present value savings, 7% of the refunded par. Therefore, the transaction utilizing a swap or other derivative product would have to generate an additional $2 million to meet the target.

For variable rate or other swap transactions that do not result in a fixed interest rate, the City will evaluate any additional value generated through the transaction in assessing the benefits of proceeding, including the ability to meet the objectives outlined herein. These benefits include, for example, reducing interest rate or tax risk, optimizing the capital structure or further reducing interest expense.

In determining any benefit in implementing a fixed-to-variable swap, the cost of remarketing, in addition to the cost of credit enhancement or liquidity fees must be added to the projected variable rate. Such a calculation should consider the trading performance of comparable bonds and any trading premium resulting from a specific form of credit enhancement or liquidity and/or any impact related to broader industry trends.

VI. LEGAL AND CONTRACTUAL REQUIREMENTS

Unless otherwise approved by Council, the City will use standard ISDA swap documentation including the Schedule to the Master Agreement and a Credit Support Annex. The City may use additional documentation if the product is proprietary or the City deems in its sole discretion that such documentation is otherwise in its interest.

Terms and Notional Amount of Swap Agreement

The City shall determine the appropriate term for an interest rate swap agreement on a case-by-case basis. In connection with the issuance or carrying of bonds, the term of the swap agreement between the City and a qualified swap counter party shall not extend beyond the final maturity date of existing debt of the City on the related Project, or in the case of a refunding transaction, beyond the final maturity of the refunding bonds. For purposes of calculating net exposure, credit shall be given to any fixed versus variable rate swaps that offset termination exposure for a specific Project or bond transaction. For variable rate transactions, credit may also be given for any assets that are used to hedge a transaction as long as in the City's judgment such assets are reasonably expected to remain in place on a coterminous basis with the swap.

Terms and conditions of any swap shall be negotiated by the City in the best interests of the City subject to the provisions of the California Government Code and, unless otherwise waived or altered by the City, these guidelines. The swaps between the City and each counter party shall include, as appropriate, payment, term, security, collateral, default, remedy, termination, and other terms, conditions and provisions as the City, in consultation with its Bond Counsel and Financial Advisor, deems necessary or desirable.

Subject to the provisions contained herein, the City swap documentation and terms should include the following:

A. Downgrade provisions triggering termination shall in no event be worse than those affecting the counter party

B. Governing law for swaps will be New York law, but should reflect California authorization provisions

C. The specified indebtedness related to credit events in any swap agreement should be narrowly drafted and refer only to specific project debt

D. Collateral thresholds should be set on a sliding scale reflective of credit ratings (see Collateral below)

E. Eligible collateral as set forth in the Collateral section below.

F. Termination value should be set by "market quotation" methodology, when the City deems appropriate

G. The City should only agree to an Additional Termination Event for the City to the extent that the ratings on the applicable the City bonds fall below a ratings

trigger acceptable to the City and the counter party and no form of credit support or enhancement is in place

Termination Provision

All swap transactions shall contain provisions granting the City the right to optionally terminate a swap agreement at any time over the term of the agreement. Such a provision shall be required even if any termination is at market. In general, exercising the right to terminate an agreement should produce a benefit to the City, either through the receipt of a payment from a termination or, if the termination payment is made by the City, in conjunction with a conversion to a more beneficial (desirable) debt obligation of the City.

Collateral

As part of any swap agreement, the City shall require collateralization or other forms of credit enhancements to secure any or all swap payment obligations. As appropriate, the City, in consultation with its Bond Counsel and Financial Advisor, may require collateral or other credit enhancement to be posted by each swap counter party under the following circumstances:

A. Each counter party to the City may be required to post collateral if the credit rating of the counter party or parent falls below the "AAA" category. Additional collateral for further decreases in credit ratings of each counter party shall be posted by each counter party in accordance with the provisions contained in the collateral support agreement to each counter party with the City the City. Maximum un-collateralized exposure for: (i) "AAA" rated counter parties is $40 million; (ii) "AA" rated counter parties is $10 million; and (iii) below "AA" category, uncollateralized exposure is zero

B. Threshold amounts shall be determined by the City on a case-by-case basis. The City will determine the reasonable threshold limits for the initial deposit and for increments of collateral posting thereafter

C. Collateral shall be deposited with a third party trustee, or as mutually agreed upon between the City and the counter party

D. A list of acceptable securities that may be posted as collateral and the valuation of such collateral will be determined and mutually agreed upon during negotiation of the swap agreement with each swap counter party. A complete list of acceptable securities and valuation percentages are included as Attachment A

E. The market value of the collateral shall be determined on at least a monthly basis, or more frequently if the City determines it is in the City's best interest given the specific collateral security

F. It shall be determined on a case-by-case basis whether other forms of credit enhancement are more beneficial to the City

VII. LIMITATIONS ON TERMINATION EXPOSURE

In order to diversify the City's counter party credit risk, and to limit the City's credit exposure to any one counter party, limits will be established for each counter party based upon both the credit rating of the counter party as well as the relative level of risk associated with each existing and projected swap transaction. The guidelines below provide general termination exposure guidelines with respect to whether the City should enter into an additional transaction with an existing counter party. The City Council may make exceptions to the guidelines at any time to the extent that the execution of a swap achieves one or many of the goals outlined in these guidelines or provides other benefits to the City.

Such guidelines will also not mandate or otherwise force automatic termination by the City or the counter party. Maximum Net Termination Exposure is not intended to impose retroactively any terms and conditions on existing transactions. Such provisions will only act as guidelines in making a determination as to whether or not a proposed transaction should be executed given certain levels of existing and projected net termination exposure to a specific counter party. Additionally, the guidelines below are not intended to require retroactively additional collateral posting for existing transactions. Collateral posting guidelines are described in the "Collateral" section above. The calculation of net termination exposure per counter party will take into consideration multiple transactions, some of which may offset the overall exposure to the City.

Maximum Net Termination Exposure will be based on the sum of (i) the market value of existing transactions as of the first day of the month prior to the execution of any new transaction plus (ii) the expected worse case termination value of the new transaction. The maximum termination exposure will also be tied to the credit rating of a counter party and whether or not the counter party has posted collateral against this exposure.

Under this approach, the City will set limits on individual counter party exposure based on existing as well as new or proposed transactions. For existing transactions, exposure will be based on the market value as of the last quarterly swap valuation report provided by the Financial Advisor. For a new or proposed transaction, the City will calculate the projected maximum exposure based on the estimated maximum exposure assuming two standard deviations. Standard deviation is a statistic obtained by squaring

the average difference from the mean of a distribution of numbers. Two standard deviations capture 95% of the population of a distribution of numbers. For purposes of the calculation, two standard deviations shall be calculated as the annualized standard deviation of weekly swap rates over the preceding 52 weeks. The time period may vary according to market conditions which could range from flat to volatile.

The sum of the existing market value and the projected maximum exposure shall constitute the Maximum Net Termination Exposure. For purposes of this calculation, the City shall include all existing and projected transactions of an individual counter party and all transactions will be analyzed in aggregate such that the maximum exposure will be additive and netted on a per project basis. The rationale behind aggregating and netting on a Project basis is that the exposure will vary for individual members depending on their participation in different projects.

For example, if the City has $13 million (i.e. the City would owe termination payment) of exposure to a counter party, the Maximum Net Termination Exposure under the definition above, is the projected maximum termination exposure less the outstanding exposure. If projected maximum termination exposure on the proposed transaction, assuming two standard deviations, is $20 million, net termination exposure would be $7 million.

The exposure thresholds, which will be reviewed periodically to ensure that they remain appropriate, will also be tied to credit ratings of the counter parties and whether or not collateral has been posted. If collateral has been posted, the City cannot exceed $30.0 million of collateralized exposure. In addition, there would be a further limit on the amount of uncollateralized exposure, including any threshold amounts under the Credit Support Annex. For AAA-rated counter parties, the City could have up to $40.0 million of uncollateralized exposure; for counter parties in the AA category, the City could have up to $10.0 million of uncollateralized exposure and for counter parties below the AA category, the City could have no uncollateralized exposure. If a counter party has more than one rating, the lowest rating will govern for purposes of the calculating the level of exposure. A summary table is provided below.

Credit Ratings	Maximum Collateralized Exposure	Maximum Uncollateralized Exposure	Maximum Total Termination Exposure
AAA	NA	$40 million	$40 million
AA Category	$30 million	$10 million	$40 million
Below AA	$30 million	None	$30 million

Assuming the same example as above, if the counter party is currently rated “Aa2” and “AA+,” the exposure thresholds would only take effect if Net Termination Exposure increased an additional $3 million (from the original $7 million above).

If the exposure limit is exceeded by a counter party, the City shall conduct a review of the exposure limit per counter party. The City, in consultation with its Bond Counsel and Financial Advisor, shall explore remedial strategies to mitigate this exposure.

VIII. ONGOING MANAGEMENT

The City will seek to maximize the benefits and minimize the risks it carries by actively managing its swap program. This will entail frequent monitoring of market conditions, by both the Financial Advisor and swap counter party, for emergent opportunities and risks. Active management may require modifications of existing positions including, for example:

A. Early termination;
B. Shortening or lengthening the term;
C. Sale or purchase of options; or
D. Use of basis swaps.

On an overall basis, the City's swap program is not expected to be very large relative to all of its investment and debt activities. Swaps will be used in response to particular market conditions and needs of the City for which swaps are the best investment or debt-management option.

IX. ONGOING REPORTING REQUIREMENTS

A written report providing the status of all interest rate swap agreements entered into by the City will be provided to the City Council on an annual basis (or other basis, if so directed by Council) and shall include the following:

A. A description of all outstanding interest rate swap agreements, including project and bonds series, type of swap, rates paid and received by the City, total notional amount, average life of each swap agreement, remaining term of each swap agreement

B. Highlights of all material changes to swap agreements or new swap agreements entered into by the City since the last report

C. Termination exposure of each of the City's interest rate swap agreements

D. The credit rating of each swap counter party and credit enhancer insuring swap payments, if any

E. If applicable, information concerning any default by a swap counter party to the City, including but not limited to the financial impact to the City, if any

F. If applicable, information concerning any default by the City to a swap counter party

G. A summary of swap agreements that were terminated or that have expired

H. For a swap transaction entered into to generate debt service savings, the City will calculate on an annual basis the actual debt service requirements versus the projected debt service on the swap transaction at the original time of execution. Such a calculation shall include a determination of the cumulative actual savings (or, if applicable, additional payments made by the City) versus the projected savings at the time the swap was executed.

Attachment A – Acceptable Collateral

Security	Valuation Percentage
Cash	100%
Negotiable debt obligations issued by the U.S. Treasury Department or the Government National Mortgage Association ("Ginnie Mae"), or (y) mortgage backed securities issued by Ginnie Mae (but with respect to either (x) or (y) excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service) and in each case having a remaining maturity of: (i) less than one year (ii) one year or greater but less than 10 years (iii) 10 years or greater	 100% 98% 95%
Negotiable debt obligations issued by the Federal Home Loan Mortgage Corporation ("Freddie Mac") or the Federal Home Loan Mortgage Association ("Fannie Mae") or (y) mortgage backed securities issued by Freddie Mac or Fannie Mae but excluding interest only or principal only stripped securities, securities representing residual interests in mortgage pools, or securities that are not listed on a national securities exchange or regularly quoted in a national quotation service	95%
Any other collateral acceptable to the City in its sole discretion. The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion	The valuation percentage shall be determined by the Valuation Agent from time to time and in its reasonable discretion.

For example, if a counter party is required to post $1 million of collateral and wished to use bonds issued by Ginnie Mae with five years remaining to maturity, it would be required to post $1,020,409 ($1 million/0.98) to satisfy the collateral requirement.

City of Roseville
Budget Development Policy

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I. INTRODUCTION

This policy outlines the City of Roseville's (City) guidelines for budget development. Consistently following adopted policies will assist the City in achieving its current and future goals in a fiscally responsible and sustainable manner. This policy establishes guidelines for developing the City's annual operating and capital budget as recommended by the Government Finance Officers Association (GFOA) and the National Advisory Council on State and Local Budgeting (NACSLB). This document shall be reviewed on an annual basis to reflect the highest standards of fiscal management and the City's budgetary goals.

II. POLICY

A. Citywide Focus

Consistent with the General Principles of Governance adopted by the City Council in the Elections Ordinance, the City shall maintain a citywide focus during the budget development process and in the adopted budget. Revenues and expenditures shall be budgeted on a citywide basis and not tracked by Council district.

B. General Revenues

General Fund revenues shall not be earmarked for any particular purpose, unless required by law or Generally Accepted Accounting Principles (GAAP). General revenues shall be deposited in the General Fund and appropriated during the budget process or by a separate Council action.

C. Balanced Budget

The City shall adopt and maintain a balanced annual operating budget and an integrated capital budget throughout the fiscal year. For each fund, annual expenditures shall not exceed annual revenues plus available fund balances. It shall remain a goal of the City to maintain a long-term structurally balanced budget, where ongoing revenues support ongoing expenditures.

The City will achieve a structurally balanced budget through efficiencies (i.e., streamlining), permanent reductions to the expenditure base (e.g., eliminating lower priority vacant positions and reducing service levels), and ongoing revenue enhancements. In addition, the City's budget will not rely on reserves or the use of one-time revenues for ongoing expenditures.

D. Public Involvement

Public involvement shall be encouraged in the annual budget decision-making process through public hearings, public outreach, and the dissemination of accessible information. Public participation efforts allow the City to improve performance by identifying general needs, priorities, and service delivery expectations. Public involvement enables the City to be more responsive to the community's needs, thereby increasing the value that the public receives from the City.

E. Operating Budget

The operating budget document shall contain the expected revenue and expenditure appropriations, staffing levels, and summaries for each department. Summary information for each department featured in the budget shall include the primary services, strategic goals and strategies, accomplishments and initiatives, and key performance and workload measures. Department summaries shall be updated annually to ensure departments' priorities and performance measures support the City Council's Strategic Plan.

F. Capital Improvement Program (CIP) and Budget

The City shall develop a Five-Year CIP, which reflects a comprehensive approach to addressing the City's capital needs and the identification of resources for those needs. Critical inputs include infrastructure condition assessments, service level evaluations, asset management information, and review of available funding sources. The Five-Year CIP shall be the basis for the development of the annual CIP budget.

The annual CIP budget shall be developed in conjunction with the operating budget to ensure the effective utilization of the City's overall resources to operate and maintain facilities. The annual CIP budget shall include projects that span multiple fiscal years and result in capitalized assets. The CIP budget may consist of other projects of a capital nature that may not result in an asset and that span multiple fiscal years and have significant cost estimates.

The annual CIP budget shall reflect total estimated project costs for Council approved projects by including all prior and current year expenditures and appropriations, future year project costs, and any future funding needs through project completion. CIP projects shall only be established with partial funding if there is a reasonable expectation that the remaining funding is identified to complete the project within a reasonable timeframe for the type of project.

CIP appropriations remaining unspent at the end of each fiscal year shall be carried forward to the subsequent fiscal year until the project is completed or abandoned. CIP projects, however, shall be reviewed periodically to identify projects that are not progressing with funds available for reprogramming.

G. Indirect Cost Allocation Plan

The City shall use an indirect cost allocation plan to allocate the costs of those general government activities without significant assets or liabilities to all City funds and departments, except that reimbursements for costs allocated between General Fund departments will not be budgeted. Substantial changes in the allocable indirect costs may be amortized or smoothed over a period not to exceed three fiscal years to allow receiving funds to adjust their rates.

H. Internal Service Funds

The City shall use internal service funds to allocate general government costs for activities with significant assets and/or liabilities to all City funds and departments. Internal service fund costs are budgeted in and allocated to General Fund departments. The City's internal service fund activities include information technology, fleet management, facilities management, and risk management (general liability and workers compensation).

I. General Fund Five-Year Forecast

The City shall maintain a five-year forecast for the General Fund as an essential fiscal planning tool. The forecast shall be based on the current budget and projections of future expenditures, revenues, and other funding sources over a multi-year period. The evaluation of recommended fiscal actions will focus on a longer-term, rather than short-term context. The five-year forecast is based on a set of point-in-time assumptions. The projected expenditure growth shall be realistic, mainly through the term of the current labor contracts. All revenue forecasts will utilize objective external research and internal forecasting methods. City revenues are economically sensitive, and the five-year revenue forecasts are subject to the same uncertainty and downside risk surrounding national economic forecasts. It is important to note that the City's significant tax revenues, property and sales taxes, trail economic trends.

J. Basis of Budgeting

The City's budgets for governmental funds, such as the General Fund, special revenue funds, debt service funds, and capital project funds, shall be prepared based on the modified accrual basis of accounting. In other words, revenues are

recognized in the accounting period in which they become available and measurable, and expenditures are recognized in the accounting period in which the liability is incurred. An exception to this basis is that disbursements of interfund loans are budgeted as expenditures in lender funds and revenue in borrower funds, and repayments of interfund loans are budgeted as expenditures in borrower funds and revenue in lender funds.

The budget for the City's proprietary funds, consisting of enterprise funds and internal service funds, shall be prepared on the full accrual basis of accounting for all operating revenues and most operating expenses. In other words, revenues are recognized when they are earned, and expenses are recognized when the liability is incurred. Expenses related to long-term assets, primarily capital outlay, and long-term liabilities, including repayment of bonded debt as well as pension and other post-employment benefit expenses, are budgeted on the modified accrual basis of accounting. Repayments of interfund loans are budgeted as expenditures in borrower funds and revenue in lender funds.

The City's budget shall exclude unrealized gains or losses resulting from the change in fair value of investments, as well as amortization of premiums and discounts on the City's investments. These calculations are performed solely for financial statement reporting purposes to comply with GAAP.

City of Roseville
General Fund Reserves Policy

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I. INTRODUCTION

The purpose of this policy is to establish targeted levels of General Fund reserves, a basic component of a financially strong city. Adequate reserves help sustain City operations when adverse or unexpected circumstances affect the City, providing resources to minimize service disruption in the event of temporary revenue shortfalls, declared disasters, or unpredicted one-time expenditures. This policy establishes the amounts the City will strive to maintain in the Emergency Reserve, Stabilization Reserve, and Litigation Reserve, and the conditions under which the reserves may be used.

II. BACKGROUND

Financial reserves strengthen the City's financial status and provide valuable resources for managing through economic cycles and addressing unexpected events. Every fund of the City represents a stand-alone financial set of accounts and has its own operating characteristics, financial capabilities, and constraints. The level of reserves needed should be based on the financial and operating characteristics of each fund.

According to the Government Finance Officers Association (GFOA), it is essential that governments maintain adequate levels of fund balance to mitigate current and future risks (e.g., revenue shortfalls and unanticipated expenditures) in order to protect taxpayers and employees from unexpected changes in financial conditions. GFOA recommends, at a minimum, that general-purpose governments, regardless of size, maintain an unrestricted budgetary fund balance in their General Fund of no less than two months of regular general fund operating revenues or regular General Fund operating expenditures (an amount equivalent to 16.67% of the annual budget).

This policy establishes three months of operating costs (25% of annual budgeted General Fund operating costs) as the City's target level of reserves. This targeted level of reserves consists of the City's Emergency Reserve (10% of annual budgeted General Fund operating costs) and the City's Stabilization Reserve (15% of annual budgeted General Fund operating costs). This policy also establishes $250,000 as the minimum level in the City's Litigation Reserve. The policy also outlines the methods the City will utilize to achieve the target reserve levels, defines the conditions under which these funds can be used and describes how the City's expenditure and/or revenue levels will be adjusted to match any new economic realities that are causing the use of fund balance reserves as a financing bridge.

III. POLICY

A. Minimum and Target Reserve Levels

The City will maintain an Emergency Reserve at a minimum of 10% of budgeted General Fund operating expenditures. Because the City relies on property tax and sales tax revenue to support over two-thirds of the City's General Fund budget and the negative effects on property and sales tax revenue can be significant during economic downturns, the City will seek to build up and maintain a General Fund Stabilization Reserve equal to 15% of budgeted General Fund operating expenditures as the target reserve level. The Emergency Reserve and Stabilization Reserve shall be reported as commitments of fund balance in the General Fund for external financial reporting. Appropriations from the Emergency Reserve may only be made by a vote of the City Council to meet a critical, unpredictable financial need such as a declared emergency. Appropriations from the Stabilization Reserve may only be made by a vote of the City Council in the event of temporary revenue shortfalls caused by an economic downturn.

B. Methods to Achieve Funding Levels

Funding of the General Fund Reserves will generally come from the adopted budget, year-end excess revenues over expenditures or anticipated one-time revenues. At a minimum, during the budget process, staff shall review the current and five-year projected reserves to ensure that they are appropriate given the economic and financial risk factors the City faces.

C. Criteria for Expenditure of Reserve Funds

The Reserve Funds shall not normally be applied to recurring annual operating expenditures. Appropriation from the Emergency Reserve and Stabilization Reserve Funds requires approval of at least four City Council members. The Litigation Reserve is appropriated annually in the adopted budget.

1. Emergency Reserve

The Emergency Reserve may be used to contend with significant short-term issues such as declared emergencies. It is the intent of the Council to limit use of the Emergency Reserve to addressing unanticipated, nonrecurring needs.

2. Stabilization Reserve

The Stabilization Reserve may be used strategically to allow time for the City to restructure its operation in a deliberate manner as required in an economic downturn while minimizing service disruption. Use of the Stabilization Reserve will only take place in the context of a Council-adopted long-term plan. The Stabilization Reserve is intended to be used to address significant revenue shortfalls that occur during an economic downturn until the City's operating expenditure and revenue levels are adjusted to eliminate structural deficits.

3. Litigation Reserve

The Litigation Reserve may be used for legal matters that are unforeseen and/or unusual in nature and, as a result, typically require reactive measures such as seeking a budget adjustment and a funding source. Some examples are contract disputes, municipal code enforcement, and other public safety enforcement matters. The purpose of this reserve is to address these situations by allowing for proactive handling and funding of such matters.

D. Timeline for Replenishment of the General Fund Reserves

If the General Fund Reserves are drawn down below the minimum levels, a plan will be developed and implemented to replenish the reserves. Replenishing the reserves will be a priority use of one-time resources. Generally, the City should seek to replenish the Emergency Reserve and the Litigation Reserve within one year and the Stabilization Reserve to the minimum reserve level within three years.

City of Roseville
Federal Stimulus Reserve Fund Policy

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I. PURPOSE

The purpose of this policy is to establish a temporary Federal Stimulus Reserve Fund with the City's allocation of the federal stimulus (2021 Coronavirus State and Local Fiscal Recovery Funds) until one-time expenditures or transfers to other City funds are approved over the remaining course of the pandemic.

The City~~'s plan is~~is required to disburse the federal stimulus funding ~~within twelve months after the end of the pandemic emergency~~by December 31, 2024. This temporary reserve fund will be closed after all funding, including interest earned thereon, has been distributed.

Staff will recommend one-time expenditures, or transfers to other City funds, for Council approval consistent with the requirement for the use of the funds to:

A. respond to or mitigate the public health emergency with respect to the Coronavirus Disease 2019 (COVID–19) or its negative economic impacts;

B. cover otherwise unreimbursed costs incurred as a result of such emergency;

C. replace revenue that was lost, delayed, or decreased as a result of such emergency; or

D. address the negative economic impacts of such emergency.

The federal stimulus funding shall not be applied to new ongoing operating expenditures.

City of Roseville
Internal Service Funds - Operating and Replacement Reserves Policy

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I. PURPOSE

As separate budget and accounting entities, internal service funds (ISFs) need to manage cash reserves within their funds. The purpose of cash reserves in the ISFs is two-fold:

- Operating Reserves - To provide for continuity of service in the event of unanticipated changes to revenues or expenditures, particularly within a single fiscal year when charges for service on client operating departments already have been fixed through the adopted budget.
- Replacement Reserves - To provide funding for capital improvement, rehabilitation, and replacement of capital assets managed, whose useful lives span multiple fiscal years and whose costs yield a burdensome or unaffordable peak in expenditure if assessed on client operating departments as they occur.

In the ISFs, the accumulation and expenditure of reserve balances, including the establishment of targeted reserve levels, shall be as follows.

II. POLICY

A. Operating Reserves

1. Applicability

The following ISFs manage ongoing operations and therefore would benefit from the establishment of an operating reserve:

- Fleet Services
- Facility Services
- Information Technology Operations

Because ISFs do not function within a traditional retail environment, their revenues are not a material factor in the underlying risk to its financial sufficiency. An operating reserve incorporating the effects of billing cycles and collection rates is not applicable. Therefore, the operating reserve shall be established based singularly on a cushion for unforeseen change to critical cost drivers.

2. Targeted Reserve Level

An operating reserve equal to 5-15 percent of annual operating expenditures is appropriate among these service types. Fleet Services and Facility Services will target a 10-15 percent operating reserve level, and Information Technology Operations will target a 5-10 percent operating reserve level. The fund balance of each ISF will serve as its operating

reserve. For purposes of calculating the reserve target, operating expenditures include labor expenses and materials, services, and supplies expenses in the fund. As a metric for calculating a reserve level, operating expenditures should not include capital outlay, debt service, ~~and~~or ~~pass-through expenditures, such as~~ transfers to other funds.

3. Initial Establishment of the Reserve

The available cash balance in the ISF may be used immediately to establish the operating reserve to its minimum level. If the minimum level is not feasible with existing cash, staff will develop a plan to begin adjusting the charges for service to begin funding the reserve, as described in the following paragraph.

4. Annual Funding of the Reserve

When the reserve is at its minimum level, there is no need to assess client operating departments for additional reserve funding in their annual charge for service. The reserve exists until it is used and falls below its minimum threshold, as designed.

When the operating reserve falls below its minimum level, a plan for replenishing the reserve shall be established as part of the next fiscal year's annual rate calculation process. Under staff discretion at that time, options for replenishing the reserve may include:

- Immediate replenishment to the minimum level in one fiscal year, accomplished by an additional component to the annual charge for service, assessed on client operating departments in proportion to their total charge for services.
- Replenishment to the minimum level over multiple fiscal years, such as two or three, depending on fiscal conditions determined at that time. This moderated plan is also accomplished as an additional component to the annual charge for service assessed on client operating departments in proportion to their total charge for services.

5. Excess Reserves

When cash held in the fund exceeds the minimum operating reserve level, fund managers should determine appropriate uses to avoid over-accumulation and stranding of City resources, as part of the annual rate calculation process in the next fiscal year. Under staff discretion at that time, options for reducing excess reserves may include:

- Reduce client operating department charges for service on a one-time basis in proportion to their total charge for service. This option alternatively may be viewed as reducing the total cost pool driving charges for services by using reserves to fund planned operating expenditures in a single fiscal year.
- Fund previously deferred special projects associated with ISF operations, particularly those projects of broad benefit to all client operating departments.
- Transfer excess cash to the ISF's companion asset replacement/rehabilitation fund to reduce long-term deficiencies or accelerate funding for defined capital needs as allowed by accounting controls.

B. Replacement Reserves

1. Applicability

The following ISFs manage capital assets and therefore would benefit from the establishment of a replacement reserve:

- Fleet Replacement
- Fleet Operations
- Equipment Replacement
- Facility Rehabilitation
- Information Technology Replacement

The replacement reserve shall be based on analysis of long-term scheduled capital improvement, rehabilitation, and replacement of capital assets and equipment managed by the ISF in order to sustain municipal services and prevent City assets' physical deterioration.

Replacement reserves are not typically managed to handle increases in assets and equipment in service. Funding for new or growth in assets and

equipment will need to be identified as a special funding component for client operating departments, the general resources of the City, or the ISF outside of this replacement reserve structure.

2. Targeted Reserve Level

Replacement reserves are dynamic: They are continually added to and spent as assets are rehabilitated or replaced. These ISF's will not target a minimum cash balance but instead manage the reserve's annual funding to enable adequate resources when expenditures are scheduled or needed.

3. Initial Establishment of the Reserve

The available cash balance in these ISF's may be used immediately to establish the replacement reserve. These are the resources available to meet near-term scheduled expenditures and the resources being accumulated for expenditure later as assets require reinvestment or replacement. In ideal circumstances, the cash currently available equals the amount of resources needed along current replacement schedules for all assets in service. The reasonableness of this circumstance will differ depending on the ISF evaluated for one or more of several reasons, such as:

- Past charges for service did not include any funding or included insufficient annual funding for future replacement.

- Assets are routinely replaced beyond their scheduled lives, particularly when ongoing maintenance can extend in-service timelines without unmanageable costs or effort.

- Assets are ultimately replaced by another asset of entirely different cost structure, particularly in areas of more rapid technological change.

- The total value of future replacement needs may not be supportable by charges for service and will require identification of additional funding outside the ISF in the future.

Regardless of the initial reserve establishment's adequacy, charges for service in the next fiscal year should be set to continue funding the reserve on an annual basis, as described in the following paragraph.

4. Annual Funding of the Reserve

The replacement reserve's underlying intention is to distribute the cost of asset replacement evenly over the life of the asset. Therefore, analysis by (individual or category of) asset is required to determine a total annual funding level. Steps for analyzing assets and determining their corresponding reserve funding component are as follows:

- Original Cost Basis: Record assets when placed in service. Assign an expected useful life. Calculate a straight-line annual depreciation amount based on the original cost. This value represents the minimum annual replacement reserve funding amount for assets expected to be replaced at the end of their life-cycle.
- Replacement Cost Basis: Alternatively, record assets when placed in service. Assign an expected useful life. Project a replacement cost based on estimated cost inflation indices from original cost or a known replacement value. Calculate a straight-line depreciation amount based on estimated replacement cost, reducing for any material expected salvage value for fully depreciated assets. The resulting value represents the maximum annual reserve amount for assets expected to be replaced at the end of their life-cycle.
- The method chosen – original cost or replacement cost basis – should be determined at staff discretion in each ISF. Factors influencing the choice of the method include impact to charges for service on client operating departments; external factors that substantially impact asset management between life cycles, such as rapid technological change; and magnitude of interest earnings in the replacement reserve contributing toward total resources available for asset replacement.
- The sum of annual funding amounts by asset (or asset category) represents the total annual reserve contribution to be collected through the ISF's charges for service, dependent upon funding available for rehabilitation and replacement (See Capital Improvement Program Rehabilitation Funding Policy). This annual

funding requirement should be allocated to the client operating departments based on the selected allocation metric for asset replacement in the ISF's rate method, typically in proportion to the department's use of the asset.

5. Excess Reserves

In the unlikely event that replacement reserves are found to exceed scheduled needs, as part of the annual rate calculation process in the next fiscal year, fund managers should determine appropriate uses to avoid over-accumulation and stranding of City resources. Under staff discretion at that time, options for reducing excess reserves may include:

- A planned, one-time reduction to service charges on client operating departments in proportion to their total charge for asset replacement-related services.
- Funding previously deferred special projects associated with asset management for the ISF, particularly those projects of broad benefit to all client operating departments.

City of Roseville
Capital Improvement Program Rehabilitation Funding Policy

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I. INTRODUCTION

The City has significant investments in facilities, equipment, software, vehicles, and other assets which require ongoing maintenance and eventual replacement. The CIP Rehabilitation funds, i.e. the ~~General CIP~~Facility Rehabilitation Fund; the Equipment Replacement Fund, the Parks, Recreation and Library Capital Projects Fund; and the Information Technology Replacement Fund, are used to fund infrastructure needs for City buildings, information technology capital replacement, and parks, recreation and library facilities.

II. BACKGROUND

The City performed a thorough analysis of all City assets in 2012 and developed 10-Year Rehabilitation/Replacement plans. The 10-year plans reflected an annual General Fund funding requirement of $5.6 million, however the actual amount budgeted in FY2017-18 was $1.5 million leaving an annual gap of approximately $4 million

The City performs an annual review of the 10-year plans to develop CIP Rehabilitation budget recommendations for the City Manager that includes a prioritized list of capital projects that can be recommended for funding or deferral in conjunction with the adoption of the City's CIP Rehabilitation budget.

The expectation is that the annual average demand will continue to trend upward based on projects being deferred and new replacement costs.

Addressing these infrastructure needs has been a stated priority of the City Council and was reaffirmed at the City Council meeting on February 7, 2018.

III. POLICY

On an annual basis during each budget process, and until the annual required funding level is attained, the General Fund contribution to the CIP Rehabilitation funds shall increase by $500,000.

City of Roseville
Pension Funding Policy

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I. PURPOSE

The City's Pension Funding Policy documents the method the City will use to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants. The policy also:

- Provides guidance in making annual budget decisions;
- Demonstrates prudent financial management practices;
- Reassures bond rating agencies; and
- Shows employees and the public how pensions will be funded.

II. BACKGROUND

The City provides defined benefit retirement benefits through the California Public Employees' Retirement System (CalPERS). CalPERS is a multiple-employer public employee defined benefit pension plan.

All full-time and certain part-time City employees are eligible to participate in CalPERS. CalPERS provides retirement and disability benefits, annual cost of living adjustments and death benefits to plan members and their beneficiaries. CalPERS acts as a common investment and administrative agent for participating public entities within the State of California. Benefit provisions and all other requirements are established by state statute.

The financial objective of a defined benefit pension plan is to fund the long-term cost of benefits provided to the plan participants. In order to assure that the plan is financially sustainable, the plan should accumulate adequate resources in a systematic and disciplined manner over the active service life of benefitting employees. This funding policy outlines the method the City will utilize to determine its actuarially determined contributions to fund the long-term cost of benefits to the plan participants and annuitants.

Pension Funding: A Guide for Elected Officials, issued by eleven national groups including the U.S. Conference of Mayors, the International City/County Management Association, and the Government Finance Officers Association, established the following five general policy objectives for a pension funding policy:

- Actuarially Determined Contributions. A pension funding plan should be based upon an actuarially determined contribution (ADC) that incorporates both the cost of benefits in the current year and the amortization of the plan's unfunded actuarial accrued liability.

- Funding Discipline. A commitment to make timely, actuarially determined contributions to the retirement system is needed to ensure that sufficient assets are available for all current and future retirees.

- Intergenerational equity. Annual contributions should be reasonably related to the expected and actual cost of each year of service so that the cost of employee benefits is paid by the generation of taxpayers who receives services from those employees.

- Contributions as a stable percentage of payroll. Contributions should be managed so that employer costs remain consistent as a percentage of payroll over time.

- Accountability and transparency. Clear reporting of pension funding should include an assessment of whether, how, and when the plan sponsor will ensure sufficient assets are available for all current and future retirees.

III. POLICY

A. Actuarially Determine Contribution (ADC)

CalPERS actuaries will determine the City's ADC to CalPERS based on annual actuarial valuations. The ADC will include the normal cost for current service and amortization of any under-funded amount. The normal cost will be calculated using the entry age normal cost method using economic and non-economic assumptions approved by the CalPERS Board of Administration.

The City will review the CalPERS annual actuarial valuations to validate the completeness and accuracy of the member census data and the reasonableness of the actuarial assumptions.

B. Additional Discretionary Payment (ADP) Contribution

The City will consider making ADP contributions with one-time General Fund resources, with the objectives of increasing the plan's funded status, by reducing the unfunded actuarially accrued liability, and reducing ongoing pension costs.

C. Transparency and Reporting

Funding of the City's pension plans should be transparent to vested parties including plan participants, annuitants, the City Council and Roseville residents. In order to achieve this transparency, the following information shall be available:

- Copies of the annual actuarial valuations for the City's CalPERS plans shall be made available to the City Council.

- The City's Comprehensive Annual Financial Report shall be published on its website. This report includes information on the City's annual contributions to the pension systems and their funded status.

- The City's annual operating budget shall include the City's contributions to CalPERS.

D. Review of Funding Policy

Funding a defined benefit pension plan requires a long-term horizon. As such, the City will review this policy at least every five years to determine if changes to this policy are needed to ensure adequate resources are being accumulated.

City of Roseville
Other Post-Employment Benefits (OPEB) Funding Policy

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I. INTRODUCTION

The purpose of this Funding Policy is to state the overall funding goals for the City of Roseville OPEB Trust. The objective is to accumulate sufficient assets to fully finance the retiree healthcare benefits that the retired employees receive throughout retirement. In meeting this objective, the City will strive to meet the following funding goals:

A. The City plans to continue to fund retiree medical benefits from operations until such a time as those expenses exceed the City's Actuarially Determined Contribution (ADC). At that time withdrawals from the OPEB Trust will be necessary.

B. The City intends and plans to ultimately achieve full funding of its actuarially determined OPEB contributions by making increasing contributions to the OPEB trust, to the extent feasible, in the context of other competing demands for public services and employee compensation.

C. Nothing in this funding policy shall constitute an obligation upon the City, nor an implied contract. The City Council may revoke or amend this policy in the best interests of the City.

D. Funding of the OPEB Trust does not change the City's obligation or intent to fully pay annual medical costs for retirees.

II. BACKGROUND

The City of Roseville has provided a retiree health benefit to its employees for many years. As a cost reduction strategy, this benefit was eliminated for all bargaining unit employees classified as Tier III. Although eliminated for new employees, this benefit still remains in effect for the majority of the City's employees and must be addressed during the annual budget process.

In an effort to address the long term costs of this expense, a trust was created to begin funding this benefit. The process currently in place is to fund all actual retiree expenses incurred in the current year on a pay-as-you-go basis and make additional contributions to the trust fund.

III. POLICY

The City will engage an OPEB actuary to determine the City's ADC based on biennial actuarial valuations. The ADC will include the normal cost for current service and amortization of the under-funded liability. The normal cost is the current year cost of the program to provide the benefit for current employees in the future. The normal cost

will be calculated using the entry age normal cost method using appropriate economic and non-economic assumptions approved by the City.

The City will review the actuarial valuations to validate the completeness and accuracy of the employee census data and the reasonableness of the actuarial assumptions. Actuarial valuations involve estimates and assumptions about the probability of occurrence of events far into the future. Actuarially determined amounts are subject to continual revision as actual results are compared to past expectations and new estimates are made about the future.

~~The OPEB Funding Policy is comprised on two components. The first component is calculated as a percentage of total salary for the City. Currently the City funds 6% of salary in the General Fund. The policy requires an increase of 1 percentage point each year until the full actuarially determined contribution is attained.~~

~~The second component is calculated as a percentage of one-time monies that may or may not be available at each year end. The actual dollar amount of available one-time funds will be presented to Council with a recommendation as to how much is being recommended for contribution to the trust fund. This recommendation will be based on the dollars available, other competing priorities and Council input.~~

The City will continue to appropriate the ADC in the annual budget for the pay-as-you-go costs of OPEB for current retirees and contributions to the OPEB Trust. ~~On an annual basis during each budget process, and until the full annual required contribution is accomplished, the percentage of salary costs to be deposited into the trust shall increase by 1 percentage point.~~ In addition, a portion of any one-time monies remaining at the end of each fiscal year may be deposited into the trust, which amount will be determined by C~~c~~ouncil based on available funds and other priorities.

Funding OPEB requires a long-term horizon. The City will review this policy at a minimum biennially, coincident with preparation of the actuarial valuations, to determine if changes to this policy are necessary to ensure adequate resources are being accumulated to fund OPEB benefits.

City of Roseville
Workers' Compensation and General Liability Funding Policy

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I. INTRODUCTION

The Workers' Compensation and General Liability Funding Policy documents the City's approach to providing adequate financial resources to fund the City's Workers' Compensation and General Liability Programs and establishing and maintaining adequate reserves in the Workers' Compensation and General Liability Internal Service Funds.

II. BACKGROUND

The City is self-insured for workers' compensation and for general liability. The Workers' Compensation and General Liability and Programs charge City departments and funds for the costs of providing for claims, as well as for the cost of administering the claims.

III. POLICY

In order to methodically and consistently measure the City's projected claims, the City will contract with a professional outside actuary to prepare annual actuarial valuation reports for both categories of claims. Program funding will be based on the annual actuarial valuation reports.

The City's funding policy will provide program funding at the 75% confidence level, including recognition of anticipated investment income. Confidence level is used by actuaries to determine the realistic possibilities that a given funding rate will be sufficient to cover all claims that might be incurred in any one program year. A 75% confidence level indicates that the funding rate should be adequate 75% of the time.

If either program maintains a balance above the minimum funding requirement, the excess reserves will be used to subsidize City contributions over a 1-5 year period depending upon the amount of the excess and the City's economic condition.

If either program has excess claims requiring additional contributions to the fund, the City will increase contributions over a 1-3 year period depending on the amount of the shortfall and the City's economic condition to get to the minimum funding requirement.

City of Roseville
Interfund Loans Policy

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I. PURPOSE

The City's Interfund Loan Policy documents the methods used by the City to demonstrate prudent financial management over interfund loans. The policy:

- Requires City Council approval of interfund loans, except for short-term working capital loans,
- Permits short-term interfund loans for working capital to cover Council-approved reimbursable grants and projects and other temporary timing differences in cash flows, and
- Prohibits interfund loans from being used to solve ongoing structural budget issues or hindering the accomplishment of any function or project for which the lending fund was established.

II. BACKGROUND

Interfund loans are the lending of cash from one City fund to another for a specific purpose and with a requirement for repayment. The practice of interfund loans is a recognized and necessary aspect of municipal finance. Such loans are typically short-term in nature, and constitute the allocation of resources between individual funds for working capital purposes.

III. POLICY

A. Long-term Loans

Interfund loans, other than short-term working capital loans, must be approved by the City Council. Council approval will include the following terms of the loan:

- Purpose of Interfund Loan
- Identification of the source fund
- Availability of unrestricted funds in the source fund
- Review of multi-year plans for use of source fund cash
- Analysis of legal or contractual restrictions
- Repayment of Interfund Loan

- Repayment must have a payment source and funding stream
- Specific repayment schedule
- Interest imposed at a rate equal to at least investment earnings if loan did not occur
- Other Considerations
- Feasibility of repayment
- Internal controls to monitor repayment

B. Short-term Loans

Short-term interfund loans for working capital to provide cash for Council-approved reimbursable grants and projects, are permitted. Short-term working capital loans are also permitted for temporary timing differences in cash flows when expenditures are incurred before revenue is collected. The source funds for working capital interfund loans are the General Fund and the Automotive Replacement Fund.

C. Prohibited Uses

- Interfund loans will not be used to solve ongoing structural budget issues.
- Interfund loans will not hinder the accomplishment of any function or project for which the lending fund was established.

City of Roseville
Request for Proposals (RFP) Policy

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I. INTRODUCTION

The purpose of this policy is to provide a uniform process for the issuance, evaluation, and selection of competitive proposals for services and/or customized goods.

II. DEFINITION

Request for Proposals ("RFP") is a competitive proposal process whereby the City solicits proposals from potential proposers. The RFP process is used for requirements in which the desired outcome is known, but it is difficult to define the methodology or the exact materials or services required to achieve the desired results.

Objectives of the RFP process are to:

A. Describe the City's requirements and desired outcomes within a written specification;

B. Solicit proposers for their proposed solutions;

C. Describe key criteria to be used in the evaluation of proposals;

D. Outline the terms and conditions under which the proposer(s) will operate or supply goods and/or services.

The City should use its best efforts to ensure that any RFP is as complete and thorough as possible, however should the scope of work or services of any RFP increase by twenty-five percent (25%) or more after publishing the RFP, that RFP should be withdrawn and any proposals rejected and a new RFP should be issued that includes the increased scope of work or services.

III. USE OF AN RFP

A. Contracts for goods or services with an estimated value greater than the amount stated in Roseville Municipal Code ("RMC") Sections 4.12.090 and 4.12.095 must be awarded by the use of competitive bids or an RFP, unless exempted by the City Council or law. Contracts for goods or services estimated to be equal or less than the amount stated in RMC Sections 4.12.090 and 4.12.095 may be awarded upon conclusion of informal interviews by representatives of the initiating department and other City staff, including the Purchasing Division ("Purchasing"), or by an RFP, as may be appropriate.

B. Notwithstanding the foregoing, qualifying goods or services may be procured without issuing a RFP. A qualifying good or service is one where there is only a

single source for obtaining the particular good and/or service. Examples of sole source goods or services include, but are not limited to, patented, copyrighted, licensed items, specialized test equipment/facilities, critical schedule requirements, unique services, and standardized goods or services for which there is only a single source. Prior to contracting with a sole source, the initiating department shall complete the sole source authorization form. Furthermore, with respect to professional services with an estimated amount exceeding the amount stated in RMC Sections 4.12.090 and 4.12.095, such services may not be procured through sole source without the prior authorization of the City Manager and City Attorney.

IV. PUBLIC NOTICE

Public notice of the RFPs shall be given in the same manner as provided in RMC Section 4.12.090.

The originating department ("Department") should also generate a list of potential proposers to notify and direct them to the RFP section of the City's website to access the RFP.

V. FORM OF PROPOSAL

A. City staff must use the City's latest version of the RFP template for the initial framework of the document and the City's Purchasing Guidelines should also be referred to. The RFP content should define the Department's needs and describe the scope of the work, allowing the potential proposer to develop the project details.

B. Late proposals shall not be accepted, however staff may extend the time for submission of all proposals.

C. Each proposal must be signed by an authorized representative of the proposer and include the legal name of the proposing organization and the signer's title. By signing the proposal it is presumed that the signer has authority to bind the proposer to the proposal's terms.

D. RFPs are scored based on the criteria presented in the RFP. Proposers may propose any method or process to satisfy the scope of work in the RFP that maximizes responsiveness to the criteria stated in the RFP.

VI. EVALUATION FACTORS

Award of a RFP shall be made to the responsible proposer whose proposal is determined, through a formal evaluation panel process, to be the most advantageous to the City after the evaluation panel has taken into consideration the evaluation factors set forth in the RFP. A master averaged score sheet shall be created based on the evaluation panel's initial evaluation. Proposals shall be scored according to the criteria stated in the RFP.

Proposals submitted will be reviewed by an evaluation panel. Members of the evaluation panel shall be comprised of City staff and at the option of City may include non-City staff upon approval of the City Manager and City Attorney. After the initial evaluation, proposers that have submitted the best and most complete proposals may be invited to one or more interviews. The number of proposers invited to an interview may vary depending upon the number of proposals submitted.

The RFP may indicate the relative importance of evaluation factors. The following are representative evaluation criteria that may be considered by the Department when preparing a RFP:

A. Reputation and Experience. Does the proposer have a reputation of being reliable, delivering on schedule, and performing tasks to the satisfaction of his/her clients? Does the proposer have sufficient experience in the kind of work required?

B. Capability and Availability of Staff. Does the proposer have qualified and experienced staff needed to perform the work?

C. Understanding of the Problem. Does the proposer demonstrate a thorough understanding of the issues and has it developed a relevant and effective approach?

D. Proximity of the Proposer. Although no preference shall be given to local businesses, proposer's office and/or staff proximity to City of Roseville offices or work location as it relates to the proposer's ability to be responsive to the project requirements may be considered.

E. Cost. Whenever possible and appropriate, a proposer's fee or hourly rate should be secured as part of the proposal and considered in the evaluation process. Whenever possible, RFPs should specify methods of submitting proposed costs that can be compared directly with competing proposals.

The City reserves the right to make a selection without interviews; therefore, the proposal should be submitted on the most favorable terms that the proposer might propose.

Should the City elect to conduct interviews with any proposers, the following criteria shall be considered and each proposer ranked by the evaluation panel during the interview process:

- Quality of presentation
- Ability to meet the City's business goals
- Communication style

A contract will be negotiated with the proposer considered best meeting the City's need for the project. In the event a mutually satisfactory contract cannot be negotiated with the City's first choice, negotiations may be terminated and commenced with the proposer considered next best in meeting the City's needs for the particular project.

The selected proposer will be required to execute a City prepared contract. The contract may further refine the scope of services and will provide for the terms and conditions of employment.

Evaluation Score Sheets. Upon a request pursuant to section 1.8 below, a proposer is entitled to a master averaged score sheet that reflects the averaged evaluation scores of the proposers during the evaluation panel's initial evaluation and the ranking of proposers from any interview (individual score sheets and/or notes are temporary and are not retained following a determination of the evaluation panel). The master score sheet and ranking shall be prepared by City staff prior to notifying any proposers of the results.

VII. DISCUSSIONS WITH PROPOSERS AND REVISIONS TO PROPOSALS

A. As provided in the RFP, discussions may be conducted with responsible proposers. These discussions shall be for the purpose of clarification to assure full understanding of, and responsiveness to the solicitation requirements. The proposers shall be accorded fair and equal treatment with respect to any opportunity for discussion and revision of proposals, and such revisions may be permitted prior to the evaluation panel's determination of the award recommendation for the purpose of obtaining best and final proposals. In conducting discussions, there shall be no disclosure of any information derived from proposals submitted by competing proposers.

B. After the evaluation panel has determined the proposer(s) to be recommended for award, the Department may enter negotiations with the recommended

proposer(s) to finalize proposed services and price before the evaluation panel's formal notice of intent to award is made.

VIII. AWARD PROCESS

A. The award is made to the proposer(s) that is determined to best meet the overall needs of the City. For contracts for goods or services with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095, the award of such contract is expressly contingent upon City Council approval and the availability of funds. City staff may not legally bind the City to a contract with an estimated value greater than the amount stated in RMC Sections 4.12.090 and 4.12.095.

B. Rejection of RFP. The City reserves the right to reject any or all proposals, to waive defects or irregularities in any proposal or in the RFP process, and to offer to negotiate or contract with any proposer(s) in response to any RFP. RFPs do not constitute any form of offer to contract.

C. Multiple Award. The City reserves the right to award the contract to multiple proposers when applicable.

D. A formal notice of the intent to award to the recommended proposer(s) shall be made by the Department.

IX. PUBLIC DISCLOSURE

In accordance with the California Public Records Act, proposals submitted in response to a RFP, master averaged score sheets from the initial evaluation, and/or rankings from any interview shall be made available upon a public records request only after: (1) the proposal evaluation process is complete, (2) a contract has been negotiated, and (3) notice of intent to award has been made and/or the contract is placed on a City Council meeting agenda.

X. PROTESTS

A. Protest Requirements

1. Any proposer who is aggrieved in connection with the solicitation or award of a contract may file a protest with the City Clerk's office. The protest must be received in writing by the City Clerk's office within seven (7) calendar days after such aggrieved proposer 1) knows or should have known of the facts giving rise thereto or 2) the date of the notice of intent to award, whichever is sooner. In no event shall a protest be

allowed after an award has been made by City Council. If the seventh calendar day falls on a weekend or City holiday, the protesting party may submit the protest prior to close of business on the first business day following such weekend or holiday. Failure to submit a timely protest shall bar consideration of a protest.

2. RFPs must include a notification to prospective proposers of this protest policy.

3. Departments must notify and consult with Purchasing and the City Attorney's Office immediately upon becoming aware of any potential or actual protest. In the event of a proper protest, the RFP process shall be stayed pursuant to Section X (D) of this Policy.

B. Grounds for Protest

1. The alleged grounds for protest shall be limited to the following: (a) computation errors, (b) violations of local, state, or federal law, or (c) the City failed to follow the procedures specified in this Policy.

2. The protest shall state all grounds claimed for the protest and include supporting documentation. Failure to clearly state the grounds for the protest and provide supporting documentation shall be deemed a waiver of all protest rights.

C. Administrative Review

Upon receipt of the protest in accordance with Section X (A), and after determining the protest was properly filed, the Department Director shall provide a copy of the protest to other proposers who might become aggrieved as a result of the protest and issue a written decision within fourteen (14) calendar days after receipt of the protest. The protest will be evaluated by the Department Director, the City Attorney's Office, and the Purchasing Manager. The protesting proposer shall promptly provide any information requested by City staff as part of such investigation. The decision shall either deny or uphold the protest and include reasons for the decision. The written decision shall be final.

D. Stay of Action during a Protest

In the event a protest is filed under Section X, the City shall not proceed further with the award of the contract until the protest is resolved, unless:

1. The City Manager or designee makes a determination that the award of the contract without delay is necessary to protect a substantial interest of the City, or

2. The City decides to reject all proposals and issue a new RFP.

COUNCIL COMMUNICATION

CC #: 1429
File #: 0721 & 0214 & 0201-01

Title:	South Placer Transit Project - Low Carbon Transportation Operations Program Allocation Authorization and Budget Adjustment
Contact:	Ed Scofield 916-869-9109 ecscofield@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.18.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the City Manager or his designee to apply for and to execute the related forms and agreements necessary to receive FY2020-21 Low Carbon Transportation Operations Program (LCTOP) grant funds from the State of California, receive FY2019-20 LCTOP grant funds from Placer County Transportation Planning Agency (PCTPA), and adopt an ordinance to approve the budget adjustment for the South Placer Transit Project.

BACKGROUND

The Low Carbon Transit Operating Program (LCTOP) is a formula-based grant program established in 2014 by Senate Bill 862. The funds provide operating and capital assistance to transit agencies with the goal of reducing greenhouse gas (GHG) emissions and improving mobility. Funding for the LCTOP program is derived from California Air Resources Board (CARB) Cap-and-Trade auction proceeds. The California Department of Transportation (Caltrans) is responsible for administering the program in coordination with the CARB and the State Controller's Office.

LCTOP funds are annually allocated to the PCTPA, which then distributes the funds to local jurisdictions based on a population and fare revenue formula. The FY2020-21 allocation to the City of Roseville is $372,951. Of this amount, $128,897 was allocated to Roseville on the basis of population and fare revenue. The remaining $244,054 was re-allocated to Roseville by PCTPA from other Placer County jurisdictions to help pay for future operations of the South Placer Transit Project.

South Placer Transit Project

Roseville Transit, working closely with PCTPA, Placer County, and the City of Lincoln has identified an opportunity to provide fixed-route bus service between downtown Lincoln, the Roseville Galleria, Kaiser Roseville Hospital, Sutter Roseville Hospital, and Sacramento Regional Transit's Watt/I-80 light rail station. This new regional service, called the South Placer County

Transit Project, will help address a key mobility and traffic congestion issue along the State Route 65 corridor between I-80 and downtown Lincoln, and a regular transit option between Roseville's two hospitals and their other Sacramento locations. This bus route will operate on weekdays only and will consist of 30-minute frequency routes from approximately 6:00 a.m. to 9:00 p.m. The route is scheduled to begin in early 2023 as a three-year pilot program, and will include the purchase of five grant funded new electric buses.

The project will be funded by a variety of grant sources for capital and operations. Operating costs are estimated at about $1.8 million per year, and during the pilot period will be funded with a mix of federal, state and regional transportation funds. If the pilot project is successful after year three, staff will work with the regional partners to identify continuing operating funds.

This budget adjustment is requested to fund the following two projects.

- Project #700029 - South Placer County Express Bus Service - Capital
- Project #700030 - South Placer County Express Bus Service - Operations.

The proposed funding includes $80,000 in available resources for staff labor, the FY20-21 LCTOP allocation of $372,951 from the State of California, and PCTPA's FY2020-21 LCTOP allocation of $588,848 being transferred to the City as lead agency for the project. The project budgets will be increased as grant and other funding agreements are finalized.

FISCAL IMPACT

The Transit Fund balance will be reduced by $80,000 for staff costs. LCTOP allocations totaling $961,799 will be used toward operation of the South Placer Transit Project. Project budgets will be increased as grant and other funding agreements are finalized. No General Fund resources will be used for the South Placer Transit Project.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of the Low Carbon Transportation Operations Program Allocation Authorization and Budget Adjustment meets the above criteria and is not subject to CEQA. No additional environmental review is required.

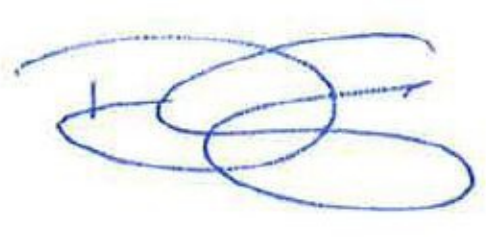
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community
Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Ed Scofield, Transportation Analyst

Jason Shykowski, Public Works Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-183

LCTOP FY21 Certifications and Assurances

LCTOP FY21 Authorized Agent

Ordinance 6356

Budget Adjustment

RESOLUTION NO. 21-183

AUTHORIZING THE CITY MANAGER OR HIS DESIGNEE TO EXECUTE THE CERTIFICATIONS AND ASSURANCES AND AUTHORIZED AGENT FORMS FOR THE LOW CARBON TRANSIT OPERATIONS PROGRAM FOR THE REGIONAL SOUTH PLACER TRANSIT PROJECT

WHEREAS, the City of Roseville is eligible to receive state funding from the Low Carbon Transit Operations Program (LCTOP) for transit projects; and

WHEREAS, $372,951 is available to the City of Roseville for FY2020-21; and

WHEREAS, the statutes related to state-funded transit projects require a local implementing agency to abide by various regulations; and

WHEREAS, Senate Bill 862 (2014) named the Department of Transportation as the administrative agency for the LCTOP; and

WHEREAS, there are guidelines for the purpose of administering and distributing LCTOP funds to eligible local agencies; and

WHEREAS, staff recommends applying for available LCTOP funds for the South Placer County Transit Project to provide bus service between the city of Lincoln and the Watt/I-80 light rail station; and

WHEREAS, this new bus service will begin in Lincoln before continuing along the Highway 65 corridor with stops at the Galleria mall, Sutter Hospital and Kaiser Hospital, then the bus will travel on Interstate 80 to the Watt/I-80 light rail station; and

WHEREAS, this project improves the accessibility to those living in disadvantaged communities, low income communities and low-income households by offering frequent bus service to key destinations within Placer County, as well as to light rail in Sacramento County; and

WHEREAS, the City of Roseville will be assuming the role of lead agency for the project, along with the following list of contributing sponsors:

- The City of Auburn Transit is contributing $157.00 (99314 LCTOP Allocation)
- Placer County Transit is contributing $38,870.00 (99314 LCTOP Allocation)
- Placer County Transportation Planning Agency (PCTPA) is contributing $325,476 (99313 LCTOP Allocation)

WHEREAS, the FY2019-20 LCTOP funds in the amount of $588,848 previously allocated to PCTPA will be transferred to the City for the project.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that as the fund recipient, the City of Roseville agrees to comply with all conditions and requirements set forth in the Certification and Assurances and the Authorized Agent documents and applicable statutes, regulations and guidelines for all LCTOP funded transit projects; and

BE IT FURTHER RESOLVED, that the City Council of the City of Roseville hereby authorizes the City Manager or his designee to submit Low Carbon Transit Operations Program Grant applications and to execute the related grant applications, forms and agreements.

BE IT FURTHER RESOLVED, that the City Council of the City of Roseville hereby authorizes receipt of $588,848 from PCTPA for the FY2019-20 LCTOP allocation

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

FY 2020-2021 LCTOP

Certifications and Assurances

Lead Agency: City of Roseville

Project Title: South Placer County Transit

Prepared by: Ed Scofield

The California Department of Transportation (Caltrans) has adopted the following Certifications and Assurances for the Low Carbon Transit Operations Program (LCTOP). As a condition of the receipt of LCTOP funds, Lead Agency must comply with these terms and conditions.

A. General

1. The Lead Agency agrees to abide by the current LCTOP Guidelines and applicable legal requirements.

2. The Lead Agency must submit to Caltrans a signed Authorized Agent form designating the representative who can submit documents on behalf of the project sponsor and a copy of the board resolution appointing the Authorized Agent.

B. Project Administration

1. The Lead Agency certifies that required environmental documentation is complete before requesting an allocation of LCTOP funds. The Lead Agency assures that projects approved for LCTOP funding comply with Public Resources Code § 21100 and § 21150.

2. The Lead Agency certifies that a dedicated bank account for LCTOP funds only will be established within 30 days of receipt of LCTOP funds.

3. The Lead Agency certifies that when LCTOP funds are used for a transit capital project, that the project will be completed and remain in operation for its useful life.

4. The Lead Agency certifies that it has the legal, financial, and technical capacity to carry out the project, including the safety and security aspects of that project.

5. The Lead Agency certifies that they will notify Caltrans of pending litigation, dispute, or negative audit findings related to the project, before receiving an allocation of funds.

6. The Lead Agency must maintain satisfactory continuing control over the use of project equipment and facilities and will adequately maintain project equipment and facilities for the useful life of the project.

7. Any interest the Lead Agency earns on LCTOP funds must be used only on approved LCTOP projects.

8. The Lead Agency must notify Caltrans of any changes to the approved project with a Corrective Action Plan (CAP).

9. Under extraordinary circumstances, a Lead Agency may terminate a project prior to completion. In the event the Lead Agency terminates a project prior to completion, the Lead Agency must (1) contact Caltrans in writing and follow-up with a phone call verifying receipt of such notice; (2) pursuant to verification, submit a final report indicating the reason for the termination and demonstrating the expended funds were used on the intended purpose; (3) submit a request to reassign the funds to a new project within 180 days of termination.

C. Reporting

1. The Lead Agency must submit the following LCTOP reports:
    a. Semi-Annual Progress Reports by May 15th and November 15th each year.

    b. A Close Out Report within six months of project completion.

    c. The annual audit required under the Transportation Development Act (TDA), to verify receipt and appropriate expenditure of LCTOP funds. A copy of the audit report must be submitted to Caltrans within six months of the close of the year (December 31) each year in which LCTOP funds have been received or expended.

    d. Project Outcome Reporting as defined by CARB Funding Guidelines.

    e. Jobs Reporting as defined by CARB Funding Guidelines.

2. Other Reporting Requirements: CARB develops and revises Funding Guidelines that will include reporting requirements for all State agencies that receive appropriations from the Greenhouse Gas Reduction Fund. Caltrans and project sponsors will need to submit reporting information in accordance with CARB's Funding Guidelines, including reporting on greenhouse gas reductions and benefits to disadvantaged communities.

D. Cost Principles

1. The Lead Agency agrees to comply with Title 2 of the Code of Federal Regulations 225 (2 CFR 225), Cost Principles for State and Local Government, and 2 CFR, Part 200, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

2. The Lead Agency agrees, and will assure that its contractors and subcontractors will be obligated to agree, that:
    a. Contract Cost Principles and Procedures, 48 CFR, Federal Acquisition Regulations System, Chapter 1, Part 31, et seq., shall be used to determine the allow ability of individual project cost items and

b. Those parties shall comply with Federal administrative procedures in accordance with 2 CFR, Part 200, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments. Every sub-recipient receiving LCTOP funds as a contractor or sub-contractor shall comply with Federal administrative procedures in accordance with 2 CFR, Part 200, Uniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments.

3. Any project cost for which the Lead Agency has received funds that are determined by subsequent audit to be unallowable under 2 CFR 225, 48 CFR, Chapter 1, Part 31 or 2 CFR, Part 200, are subject to repayment by the Lead Agency to the State of California (State). All projects must reduce greenhouse gas emissions, as required under Public Resources Code section 75230, and any project that fails to reduce greenhouse gases shall also have its project costs submit to repayment by the Lead Agency to the State. Should the Lead Agency fail to reimburse moneys due to the State within thirty (30) days of demand, or within such other period as may be agreed in writing between the Parties hereto, the State is authorized to intercept and withhold future payments due the Lead Agency from the State or any third-party source, including but not limited to, the State Treasurer and the State Controller.

A. Record Retention

1. The Lead Agency agrees and will assure that its contractors and subcontractors shall establish and maintain an accounting system and records that properly accumulate and segregate incurred project costs and matching funds by line item for the project. The accounting system of the Lead Agency, its contractors and all subcontractors shall conform to Generally Accepted Accounting Principles (GAAP) and enable the determination of incurred costs at interim points of completion. All accounting records and other supporting papers of the Lead Agency, its contractors and subcontractors connected with LCTOP funding shall be maintained for a minimum of three (3) years after the "Project Closeout" report or final Phase 2 report is submitted (per ARB Funding Guidelines, Vol. 3, page 3.A-16), and shall be held open to inspection, copying, and audit by representatives of the State and the California State Auditor. Copies thereof will be furnished by the Lead Agency, its contractors, and subcontractors upon receipt of any request made by the State or its agents. In conducting an audit of the costs claimed, the State will rely to the maximum extent possible on any prior audit of the Lead Agency pursuant to the provisions of federal and State law. In the absence of such an audit, any acceptable audit work performed by the Lead Agency's external and internal auditors may be relied upon and used by the State when planning and conducting additional audits.

2. For the purpose of determining compliance with Title 21, California Code of Regulations, Section 2500 et seq., when applicable, and other matters connected with the performance

of the Lead Agency's contracts with third parties pursuant to Government Code § 8546.7, the project sponsor, its contractors and subcontractors and the State shall each maintain and make available for inspection all books, documents, papers, accounting records, and other evidence pertaining to the performance of such contracts, including, but not limited to, the costs of administering those various contracts. All of the above referenced parties shall make such materials available at their respective offices at all reasonable times during the entire project period and for three (3) years from the date of final payment. The State, the California State Auditor, or any duly authorized representative of the State, shall each have access to any books, records, and documents that are pertinent to a project for audits, examinations, excerpts, and transactions, and the Lead Agency shall furnish copies thereof if requested.

3. The Lead Agency, its contractors and subcontractors will permit access to all records of employment, employment advertisements, employment application forms, and other pertinent data and records by the State Fair Employment Practices and Housing Commission, or any other agency of the State of California designated by the State, for the purpose of any investigation to ascertain compliance with this document.

F. Special Situations

Caltrans may perform an audit and/or request detailed project information of the project sponsor's LCTOP funded projects at Caltrans' discretion at any time prior to the completion of the LCTOP.

I certify all of these conditions will be met.

Michael Dour	Alternative Transportation Manager
(Print Authorized Agent)	*(Title)*
(Signature)	*(Date)*

FY 2020-2021 LCTOP

Authorized Agent

AS THE **City Manager**
(Chief Executive Officer/Director/President/Secretary)

OF THE **City of Roseville**
(Name of County/City/Transit Organization)

I hereby authorize the following individual(s) to execute for and on behalf of the named Regional Entity/Transit Operator, any actions necessary for the purpose of obtaining Low Carbon Transit Operations Program (LCTOP) funds provided by the California Department of Transportation, Division of Rail and Mass Transportation. I understand that if there is a change in the authorized agent, the project sponsor must submit a new form. This form is required even when the authorized agent is the executive authority himself. I understand the Board must provide a resolution approving the Authorized Agent. The Board Resolution appointing the Authorized Agent is attached.

Jason Shykowski, Public Works Director OR
(Name and Title of Authorized Agent)

Michael Dour, Alternative Transportation Manager OR
(Name and Title of Authorized Agent)

Click here to enter text. OR
(Name and Title of Authorized Agent)

Click here to enter text. OR
(Name and Title of Authorized Agent)

Dominick Casey — *(Print Name)*

City Manager — *(Title)*

(Signature)

Approved this Choose an item. *day of* Choose an item. , Click

ORDINANCE NO. 6356

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2020-21, is hereby amended as listed on the attached budget adjustment for the Low Carbon Transportation Operations Program for the South Placer Transit Project.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE:	Ed Scofield	FISCAL YEAR:	2021
PREPARER NAME & TITLE:	Elizabeth Haydu, Grants Financial Analyst	COUNCIL DATE (if applicable):	5/5/2021
DEPARTMENT/DIVISION:	PW/Alternative Transportation	ORDINANCE:	

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6511	5080	84001	700029	50,000	Staff Labor Expense - Capital
6511	5080	84001	700030	30,000	Staff Labor Expense - Operations
6511	5328	84001	700030	961,799	Contract Services
			TOTAL	1,041,799	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6511	4410	84001	700030	961,799	State LCTOP Allocation
			TOTAL	961,799	

NET ADJUSTMENT	80,000	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6511				(80,000)	Reduce Transit Fund Balance
			TOTAL	(80,000)	

Justification for Budget Adjustment:

This budget adjustment is requested to fund project #700029 - South Placer County Express Bus Service - Capital and #700030 - South Placer County Express Bus Service - Operations. Project funding is made up of $80,000 available resources for staff labor and the City's Fiscal Year (2020-21) State Low Carbon Transportation Option Program (LCTOP) allocation of $372,951 plus PCTPA's FY2019-20 LCTOP allocation of $588,848 being transferred to the City as lead agency for planning, implementation and operation of the regional South Placer County Express Bus Service. Staff will return to the City Council to increase these project budgets once grant and other funding agreements are finalized.

REQUIRED APPROVALS:

REQUESTING DEPARTMENT HEAD / DESIGNEE	DATE	BUDGET MANAGER / DESIGNEE	DATE
CHIEF FINANCIAL OFFICER / DESIGNEE	DATE	CITY MANAGER / DESIGNEE	DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY	DATE

Revised: June 24, 2019

COUNCIL COMMUNICATION

CC #: 1442
File #: 0900-04-02 & 0201-01

Title:	Washington Boulevard/Andora Bridge Widening Phase 1 (Washington Boulevard Bikeway and Pedestrian Pathways Project) - Award of Contract and Budget Adjustment
Contact:	Beth Taylor 916-746-1300 bftaylor@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.19.

RECOMMENDATION TO COUNCIL

Staff recommends that City Council:

1. Adopt a resolution awarding the Washington Boulevard Bikeway and Pedestrian Pathways Project to A. Teichert & Son, Inc. dba Teichert Construction, and authorizing the City Manager to execute it on behalf of the City of Roseville. Staff also requests authorization for the City Manager or designee to approve change orders up to 10% as a construction contingency; and

2. Adopt an ordinance approving a budget adjustment in the amount of $6,416,119 funded by an Active Transportation Program grant; a Congestion Mitigation Air Quality grant; and Local Transportation Fund, Electric Fund - Traffic Signal Maintenance, and Traffic Mitigation Fund resources.

BACKGROUND

The City's Roadway Capital Improvement Program (CIP) calls for Washington Boulevard to have four travel lanes between Sawtell Road and Diamond Oaks Road where there are currently only two lanes. This is the segment of Washington Boulevard that includes the narrow, 2-lane railroad underpass known as the Andora Underpass.

In 2017, the City was programmed for an Active Transportation Program Cycle 3A grant for $2 million to partially fund the bicycle and pedestrian improvements associated with the Washington/Andora Widening Project CIP. As funding has yet to be identified for the full project, and the ATP grant had to be spent within a certain time period, a change in scope was developed to divide the project into two phases. By dividing the project into two phases, the City was able to receive approval for a scope change from the California Transportation Commission in October 2019 and retain the programmed ATP funding for Phase 1.

Phase 1 of the project provides for the: widening of Washington Boulevard from Sawtell Road to

just north of Kaseberg Drive, and from just north of the Andora Underpass to Pleasant Grove Boulevard; construction of a multi-use path on the east side of Washington Boulevard from just north of All America City Boulevard to the existing path at the Andora Undercrossing; installation of a new traffic signal at Kaseberg Dr., and improvement of pedestrian and bicycle crossings at existing traffic signals along Washington Blvd between the Andora Undercrossing and Pleasant Grove Blvd.

On February 17, 2021 the City Council approved the plans and specifications for the project and authorized staff to call for bids. Five bids were received and opened on March 23, 2021. The three lowest bids and the Engineers estimate are shown below. The low bid came in approximately $750,000 below the Engineers estimate. This lower than expected bid is attributed to the Engineer's Estimate anticipating escalated prices due to a post-COVID-19 improving economy including rising costs due to high-demand material shortages and supply chain limitations.

Bid Summary

Bidder's Name	**Amount**
Engineers Estimate	$5,149,489.00
Teichert Construction	$4,399,428.00
Martin General Engineering, Inc	$4,582,115.20
Sierra National Construction, Inc.	$4,895,569.20

It is anticipated construction will begin in late spring of 2021 and be completed by January of 2022. The Washington Blvd. corridor can expect some shoulder and lane closures, temporary closures to the multi-use path and pedestrian undercrossing, and some short-term closures or detours when the road is resurfaced. Most of the work will be scheduled to occur during normal working hours, with the possibility of some night work, as needed, based on the contractor's work and traffic operations.

PUBLIC OUTREACH

Staff conducted extensive outreach during project design:

- 2016 - Open house and public scoping meeting
- 2016 - Two resident and local business meetings
- 2019 - Community meeting
- 2019 - Transportation Commission public meeting
- Website, mailing list, email list, social media, door hangers, signs, neighborhood associations, schools, and community groups.

Public Affairs & Communications Department staff will continue to inform residents and businesses about the project benefits and construction impacts through a variety of methods including, but not limited to:

- Direct mail;
- Signage;
- Social media;
- Web; and
- Email notifications.

Informational mailers will be sent to residents and businesses adjacent to the construction. More

details about the project will be shared at roseville.ca.us/washington-andora.

FISCAL IMPACT

The Phase 1 project is fully funded by:

$2,030,000 from an Active Transportation Program Grant
$1,100,000 from a Congestion Mitigation Air Quality Grant
$1,099,248 from Traffic Mitigation Fund
$2,153,271 from Local Transportation Fund
$33,600 from Electric Fund - Traffic Signal Maintenance

The recommended budget adjustment totaling $6,416,119 will fully fund construction, construction contingency, permit fees, construction management, and staff time. No General Fund resources will be used for this project.

ENVIRONMENTAL REVIEW

Award of this contract by Council for Washington Boulevard Bikeway and Pedestrian Pathways Project is an action that is subject to CEQA. Project level CEQA compliance for the Washington Boulevard Bikeway and Pedestrian Project was accomplished with the preparation of the Washington Boulevard/Andora Bridge Improvement Project EIR (certified by the City Council: October 23, 2019) (SCH#: 2016092028). Because the Washington Boulevard Bikeway and Pedestrian Project is consistent with the project evaluated in the Washington Boulevard/Andora Bridge Improvement Project EIR, no new effects would be expected to occur and all applicable mitigation measures from the Washington Boulevard/Andora Bridge Improvement Project EIR will be implemented.

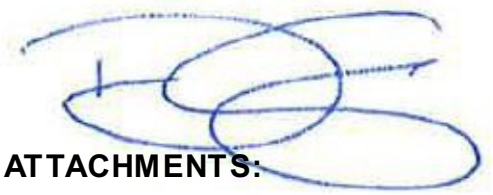
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Beth Taylor, Assistant Engineer

Jason Shykowski, Public Works Director



ATTACHMENTS:

Description

Resolution 21-190

Agreement - Teichert

Location Map

Ordinance 6357

Budget Adjustment

Dominick Casey, City Manager

RESOLUTION NO. 21-190

APPROVING AN AGREEMENT, BY AND BETWEEN A. TEICHERT & SON, INC. DBA TEICHERT CONSTRUCTION AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Agreement for the Washington Boulevard/Andora Bridge Widening Phase 1 (Washington Boulevard Bikeway and Pedestrian Pathways Project), by and between A. Teichert & Son, Inc. dba Teichert Construction and the City of Roseville, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that the City Manager or his designee is authorized to approve change orders for the project, consistent with the contract terms, provided that the net cost of all change orders shall not exceed ten percent (10%) of the contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this____day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

AGREEMENT

THIS AGREEMENT, is made and entered into this _____day of _____, 20_____, by and between the City of Roseville, a municipal corporation, ("CITY"), and A. Teichert & Son, Inc. dba Teichert Construction, a Corporation, ("CONTRACTOR"); and

WITNESSETH:

WHEREAS, the City Council of the CITY, at a meeting held on the 17 day of February, 2021, approved plans and specifications for the Washington Boulevard Bikeway and Pedestrian Pathways Project and directed the City Clerk to advertise for sealed proposals for doing said work and providing that bids be submitted on the 23 day of March, 2021; and

WHEREAS, the City Clerk, thereafter duly and regularly caused a notice to be published in the manner and for the time prescribed by law; and

WHEREAS, CONTRACTOR, pursuant to the provisions of said notice duly filed a bid with the City Clerk, a true copy of which bid is now on file in the office of the City Clerk, and is hereby referred to and by this reference made a part hereof as fully as if set forth at length herein; and

WHEREAS, all bids received pursuant to said notice were opened and examined and publicly declared at the time specified in said advertisement for bids and at a meeting of the City Council held on the 5 day of May, 2021, the Council found and

declared the bid of CONTRACTOR to be the lowest responsible bid and thereupon awarded a contract to CONTRACTOR to do the work referred to in the aforementioned specifications.

NOW, THEREFORE, the parties agree as follows:

1. THE WORK. CONTRACTOR agrees:

a. To do the work and furnish all the labor, materials, tools, supplies, equipment, superintendence, insurance, and bonds required for the Washington Boulevard Bikeway and Pedestrian Pathways Project in accordance with the Contract Documents (the Work).

b. To do and perform the Work contemplated hereby in a good and workmanlike manner under the direction of and to the satisfaction of the Director of Public Works of the City of Roseville.

2. PAYMENT. CITY shall pay CONTRACTOR Four million three hundred ninety-nine thousand four hundred twenty eight dollars ($4,399,428.00) for the Work to be done under this Agreement in accordance with the Contract Documents.

3. CONTRACT DOCUMENTS. The complete Agreement between the parties hereto consists of the following documents:

a. The advertisement for bids (including the notice to bidders, instructions to bidders and proposals);

b. The accepted bid;

c. Plans and specifications (including standard construction specifications, special provisions and construction details);

d. Bonds and insurance required by the specifications; and

e. This contract.

All documents specified above are intended to operate so that any work called for in any one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

4. LIQUIDATED DAMAGES. In the event CONTRACTOR does not complete the Work within the time specified, CONTRACTOR agrees that CITY will suffer damages. Inasmuch as the actual damages which would result from such breach by CONTRACTOR under this Agreement are uncertain, and would be impractical or extremely difficult to fix, CONTRACTOR agrees that it shall pay, or CITY shall deduct from CONTRACTOR's fee, the amount of $ 5,400 per day as liquidated damages, in the event of such delay.

5. TIME OF COMPLETION. Time is of the essence of this Agreement. CONTRACTOR shall complete all Work under the Contract Documents within 70 Days of the date of this Contract. CONTRACTOR shall begin work by the date specified in the "Notice to Proceed" letter and shall diligently prosecute all of the Work under this Contract in all parts and requirements as defined in the Contract Documents.

6. SERVICE OF NOTICE. Any notice required or permitted to be given under this Agreement shall be deemed given when (a) personally delivered to the recipient identified below; (b) mailed by registered or certified mail, return receipt requested, postage pre-paid, to the address specified below; or (c) sent by facsimile, with confirmation of receipt, to the facsimile number identified below.

CITY OF ROSEVILLE	CONTRACTOR
Jason Shykowski	Trace McCown
311 Vernon Street	4401 Duluth Ave.
Roseville, California 95678	Lincoln, CA 95765
(916) 746-1300	916-645-4800

CITY may also act through either its architect or construction manager if CITY expressly gives notice to CONTRACTOR, in writing, that CITY's designee has authority to act for CITY in a specific capacity.

7. DISPUTES. Disputes arising from this Agreement will be determined in accordance with the Contract Documents and Public Contract Code Sections 10240-10240.13.

8. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

9. INDEPENDENT CONTRACTOR. CONTRACTOR shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

10. SUCCESSORS IN INTEREST. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

11. MODIFICATION. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

12. SEVERABILITY. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

13. INTEGRATED AGREEMENT. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

14. CONTRACTORS LICENSE LAW. CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE BOARD WHICH HAS JURISDICTION TO INVESTIGATE COMPLAINTS AGAINST CONTRACTORS IF A COMPLAINT REGARDING A PATENT ACT OR OMISSION IS FILED WITHIN FOUR (4) YEARS OF THE DATE OF THE ALLEGED VIOLATION. A COMPLAINT REGARDING A LATENT ACT OR OMISISON PERTAINING TO STRUCTURAL DEFECTS MUST BE FILED WITHIN TEN (10) YEARS OF THE DATE OF THE ALLEGED VIOLATION. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826.

15. FEDERAL CONTRACTING REQUIREMENTS. CONTRACTOR shall adhere to all requirements set forth in the FHWA-1273 form entitled "Required Contract Provisions Federal-Aid Construction Contracts" which is attached hereto in its entirety as Exhibit "A" and incorporated herein by this reference. The current wage determination for federal minimum wage rates established by the United States Secretary of Labor referenced in Section IV of Exhibit "A" is set forth in Exhibit "B," also attached hereto and incorporated herein by this reference.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. _____, adopted by the Council of the City of Roseville on the ____day of _____, 20_____, and CONTRACTOR has caused this Agreement to be duly executed.

CITY OF ROSEVILLE, a municipal corporation

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
SONIA OROZCO
City Clerk

APPROVED AS TO FORM:

BY: _____
ROBERT R. SCHMITT
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____
Print Name: Jason Shykowski

Title: Public Works Director

A. Teichert & Son, Inc. dba Teichert Construction, a California Corporation

BY: _____
its: Eric Stannard, Vice President

and

BY: _____
its: _____

EXHIBIT "A"

FHWA-1273 Form

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FOR DOUBLE SIDED PRINTING)

REQUIRED CONTRACT PROVISIONS
FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Nonsegregated Facilities
IV. Davis-Bacon and Related Act Provisions
V. Contract Work Hours and Safety Standards Act Provisions
VI. Subletting or Assigning the Contract
VII. Safety: Accident Prevention
VIII. False Statements Concerning Highway Projects
IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
X. Compliance with Governmentwide Suspension and Debarment Requirements
XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding $10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of $10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding $2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH–1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH–347 is available for this purpose from the Wage and Hour Division Web site at http://www.dol.gov/esa/whd/forms/wh347instr.htm or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH–347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of $100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of $10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contacting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
(2) the prime contractor remains responsible for the quality of the work of the leased employees;
(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost $25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. **Instructions for Certification – First Tier Participants:**

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. **Instructions for Certification - Lower Tier Participants:**

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost $25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the $25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed $100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

ATTACHMENT A - EMPLOYMENT AND MATERIALS PREFERENCE FOR APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS ROAD CONTRACTS

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

EXHIBIT "B"

Federal Minimum Wage Rates

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FOR DOUBLE SIDED PRINTING)

"General Decision Number: CA20210007 02/26/2021

Superseded General Decision Number: CA20200007

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.95 for calendar year 2021 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.95 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2021. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate,if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/01/2021
1	01/08/2021
2	01/15/2021
3	01/22/2021
4	02/05/2021
5	02/19/2021
6	02/26/2021

* ASBE0016-001 01/01/2021

AREA 1: MARIN, NAPA, SAN BENITO, SAN FRANCISCO, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHEMA, TRINITY, YOLO, & YUBA COUNTIES

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)		
Area 1	$ 74.16	23.58
Area 2	$ 46.81	33.50

* ASBE0016-007 01/01/2021

AREA 1 : ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

AREA 2: MARIN & NAPA COUNTIES

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)		
AREA 1	$ 30.45	10.60
AREA 2	$ 36.53	9.27

BOIL0549-002 10/01/2016

	Rates	Fringes
BOILERMAKER		
(1) Marin & Solano Counties	$ 43.28	37.91
(2) Remaining Counties	$ 39.68	35.71

BRCA0003-001 08/01/2020

	Rates	Fringes
MARBLE FINISHER	$ 36.53	17.08

BRCA0003-004 05/01/2019

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
BRICKLAYER		

AREA 1	$ 43.24	21.63
AREA 2	$ 45.92	26.70

SPECIALTY PAY:
(A) Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid $1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive $1.25 per hour in addition to the above.
(B) Operating a saw or grinder shall receive $1.25 per hour above the regular rate.
(C) Gunite nozzle person shall receive $1.25 per hour above the regular rate.

BRCA0003-008 07/01/2019

	Rates	Fringes
TERRAZZO FINISHER	$ 37.58	17.33
TERRAZZO WORKER/SETTER	$ 48.53	26.84

BRCA0003-010 04/01/2019

	Rates	Fringes
TILE FINISHER		
Area 1	$ 27.31	14.75
Area 2	$ 27.10	16.50
Area 3	$ 29.94	16.38
Area 4	$ 28.06	15.82
Tile Layer		
Area 1	$ 45.51	17.64
Area 2	$ 45.15	19.06
Area 3	$ 49.90	19.16
Area 4	$ 46.77	19.08

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehema, Yolo, Yuba
AREA 2: Alpine, Amador
AREA 3: Marin, Napa, Solano, Siskiyou
AREA 4: Sonoma

BRCA0003-014 08/01/2020

	Rates	Fringes
MARBLE MASON	$ 51.30	28.47

CARP0034-001 07/01/2020

	Rates	Fringes
Diver		
Assistant Tender, ROV Tender/Technician	$ 51.90	34.02
Diver standby	$ 58.09	34.02
Diver Tender	$ 57.09	34.02
Diver wet	$ 101.42	34.02
Manifold Operator (mixed gas)	$ 62.09	34.02
Manifold Operator (Standby)	$ 57.09	34.02

DEPTH PAY (Surface Diving):
050 to 100 ft $2.00 per foot
101 to 150 ft $3.00 per foot
151 to 220 ft $4.00 per foot
221 ft.-deeper $5.00 per foot

SATURATION DIVING:
The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:
Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: $1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48"" in height, the premium will be $1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

CARP0034-003 07/01/2020

	Rates	Fringes
Piledriver	$ 51.90	34.02

CARP0035-001 08/01/2020

AREA 1: MARIN, NAPA, SOLANO & SONOMA

AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO

AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1	$ 52.65	31.26
Area 3	$ 47.27	31.26
Area 4	$ 45.92	31.26
Drywall Stocker/Scrapper		
Area 1	$ 26.33	18.22
Area 3	$ 23.64	18.22
Area 4	$ 22.97	18.22

CARP0035-009 07/01/2020

Marin County

	Rates	Fringes

CARPENTER
Bridge Builder/Highway Carpenter.....$ 52.65 30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....$ 52.80 30.82
Journeyman Carpenter.....$ 52.65 30.82
Millwright.....$ 52.75 32.41

CARP0035-010 07/01/2020

AREA 1: Marin, Napa, Solano & Sonoma Counties

AREA 2: Monterey, San Benito and Santa Cruz

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer	$ 28.76	22.53
Lead Installer	$ 32.21	23.03
Master Installer	$ 36.43	23.03
Area 2		
Installer	$ 26.11	22.53
Lead Installer	$ 29.08	23.03
Master Installer	$ 32.71	23.03
Area 3		
Installer	$ 25.16	22.53
Lead Installer	$ 27.96	23.03
Master Installer	$ 31.38	23.03

CARP0046-001 07/01/2020

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 46.92	30.82
Journeyman Carpenter	$ 46.77	30.82
Millwright	$ 49.27	32.41

Footnote: Placer County (West) includes territory West of and including Highway 49 and El Dorado County (West) includes territory West of and including Highway 49 and territory inside the city limits of Placerville.

CARP0046-002 07/01/2020

Alpine, Colusa, El Dorado (East), Nevada, Placer (East),

Sierra, Sutter and Yuba Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

CARP0152-003 07/01/2020

Amador County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

CARP0180-001 07/01/2020

Solano County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 52.80	30.82
Journeyman Carpenter	$ 52.65	30.82
Millwright	$ 52.75	32.41

CARP0751-001 07/01/2020

Napa and Sonoma Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 52.80	30.82
Journeyman Carpenter	$ 52.65	30.82

Millwright	$ 52.75	32.41

CARP1599-001 07/01/2020

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter	$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer	$ 45.57	30.82
Journeyman Carpenter	$ 45.42	30.82
Millwright	$ 47.92	32.41

ELEC0180-001 06/01/2020

NAPA AND SOLANO COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 58.51	24.74
ELECTRICIAN	$ 52.01	24.54

ELEC0180-003 12/01/2020

NAPA AND SOLANO COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 42.11	22.41
Technician	$ 48.43	22.60

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0340-002 02/01/2018

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
Communications System		
Sound & Communications Installer	$ 29.35	3%+15.35
Sound & Communications Technician	$ 33.75	3%+15.35

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS
Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS
Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems Vibration sensor systems Card access systems Access control systems Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems VSAT Data Systems Data Communication Systems RF and Remote Control Systems Fiber Optic Data Systems WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:
1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

ELEC0340-003 02/01/2021

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA, EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
ELECTRICIAN		
Remaining area	$ 41.56	32.49
Sierra Army Depot, Herlong	$ 48.83	18.54
Tunnel work	$ 41.01	18.54

CABLE SPLICER: Receives 110% of the Electrician basic hourly rate.

ELEC0401-005 07/01/2020

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

	Rates	Fringes
ELECTRICIAN	$ 41.50	20.17

ZONE RATE:

70-90 miles - $8.00 per hour
91+ miles - $10.00 per hour

ELEC0551-004 06/01/2020

MARIN AND SONOMA COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 52.40	3%+23.31

ELEC0551-005 12/21/2020

MARIN & SONOMA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer	$ 42.11	22.41
Technician	$ 48.43	22.60

SCOPE OF WORK INCLUDES-
SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control

systems that are intrinsic to the above.

EXCLUDES-
Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

ELEC0659-006 01/01/2021

DEL NORTE, MODOC and SISKIYOU COUNTIES

	Rates	Fringes
ELECTRICIAN	$ 38.49	17.74

ELEC0659-008 02/01/2019

DEL NORTE, MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
(1) Cable Splicer	$ 59.09	20.22
(2) Lineman, Pole Sprayer, Heavy Line Equipment Man	$ 52.76	19.96
(3) Tree Trimmer	$ 31.10	11.32
(4) Line Equipment Man	$ 52.76	19.96
(5) Powdermen, Jackhammermen	$ 33.80	13.35
(6) Groundman	$ 33.24	14.79

ELEC1245-004 06/01/2020

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer	$ 59.14	20.78
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment)	$ 47.24	19.59
(3) Groundman	$ 36.12	19.19
(4) Powderman	$ 51.87	18.79

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and day after Thanksgiving, Christmas Day

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ELEV0008-001 01/01/2021

	Rates	Fringes
ELEVATOR MECHANIC	$ 72.10	35.825+a+b

FOOTNOTE:
a. PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.
b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0003-008 07/20/2020

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman	$ 49.88	34.35
(2) Dredge Dozer; Heavy duty repairman	$ 44.92	34.35
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator	$ 43.80	34.35
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler	$ 40.50	34.35
AREA 2:		
(1) Leverman	$ 51.88	34.35
(2) Dredge Dozer; Heavy duty repairman	$ 46.92	34.35
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator	$ 45.80	34.35
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler	$ 42.50	34.35

AREA DESCRIPTIONS

AREA 1: ALAMEDA,BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINGING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Remainder
Area 2: Eastern part

COLUSA COUNTY:
Area 1: Eastern part
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY:
Area 1: Remainder
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

MONTERREY COUNTY
Area 1: Except Southwestern part
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: Al but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Remainder

TEHAMA COUNTY:
Area 1: All but the Western border with Mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeastern border with Shasta County

Area 2: Remainder

TUOLUMNE COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

ENGI0003-019 06/29/2020

SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1	$ 39.95	30.28
AREA 2	$ 41.95	30.28
GROUP 2		
AREA 1	$ 36.35	30.28
AREA 2	$ 38.35	30.28
GROUP 3		
AREA 1	$ 31.74	30.28
AREA 2	$ 33.74	30.28

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:
Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:
Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:
Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:
Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY
Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:
Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:
Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY
Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:
Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY
Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:
Area 1: All but the Northern portion along the border of Sierra County
Area 2: Remainder

PLACER COUNTY:
Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:
Area 1: Western portion
Area 2: Remainder

SHASTA COUNTY:
Area 1: All but the Northeastern corner
Area 2: Remainder

SIERRA COUNTY:
Area 1: Western part
Area 2: Remainder

SISKIYOU COUNTY:
Area 1: Central part
Area 2: Remainder

SONOMA COUNTY:
Area 1: All but the Northwestern corner
Area 2: Reaminder

TEHAMA COUNTY:
Area 1: All but the Western border with mendocino & Trinity Counties
Area 2: Remainder

TRINITY COUNTY:
Area 1: East Central part and the Northeaster border with Shasta County
Area 2: Remainder

TULARE COUNTY;
Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:
Area 1: Remainder
Area 2: Eastern Part

ENGI0003-038 06/29/2020

""AREA 1"" WAGE RATES ARE LISTED BELOW

""AREA 2"" RECEIVES AN ADDITIONAL $2.00 PER HOUR ABOVE AREA 1 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1	$ 51.42	31.15
GROUP 2	$ 49.89	31.15
GROUP 3	$ 48.41	31.15
GROUP 4	$ 47.03	31.15
GROUP 5	$ 45.76	31.15
GROUP 6	$ 44.44	31.15
GROUP 7	$ 43.30	31.15
GROUP 8	$ 42.16	31.15
GROUP 8-A	$ 39.95	31.15
OPERATOR: Power Equipment (Cranes and Attachments - AREA 1:)		
GROUP 1		
Cranes	$ 52.30	31.15
Oiler	$ 43.79	31.15
Truck crane oiler	$ 46.08	31.15
GROUP 2		
Cranes	$ 50.54	31.15
Oiler	$ 42.83	31.15
Truck crane oiler	$ 45.07	31.15

GROUP 3
Cranes.....$ 48.80 31.15
Hydraulic.....$ 44.44 31.15
Oiler.....$ 42.55 31.15
Truck crane oiler.....$ 44.83 31.15
GROUP 4
Cranes.....$ 45.76 31.15
OPERATOR: Power Equipment
(Piledriving - AREA 1:)
GROUP 1
Lifting devices.....$ 52.64 31.15
Oiler.....$ 43.38 31.15
Truck Crane Oiler.....$ 45.66 31.15
GROUP 2
Lifting devices.....$ 50.82 31.15
Oiler.....$ 43.11 31.15
Truck Crane Oiler.....$ 45.41 31.15
GROUP 3
Lifting devices.....$ 49.14 31.15
Oiler.....$ 42.89 31.15
Truck Crane Oiler.....$ 45.12 31.15
GROUP 4
Lifting devices.....$ 47.37 31.15
GROUP 5
Lifting devices.....$ 44.73 31.15
GROUP 6
Lifting devices.....$ 42.50 31.15
OPERATOR: Power Equipment
(Steel Erection - AREA 1:)
GROUP 1
Cranes.....$ 53.27 31.15
Oiler.....$ 43.72 31.15
Truck Crane Oiler.....$ 45.95 31.15
GROUP 2
Cranes.....$ 51.50 31.15
Oiler.....$ 43.45 31.15
Truck Crane Oiler.....$ 45.73 31.15
GROUP 3
Cranes.....$ 50.02 31.15
Hydraulic.....$ 45.07 31.15
Oiler.....$ 43.23 31.15
Truck Crane Oiler.....$ 45.46 31.15
GROUP 4
Cranes.....$ 48.00 31.15
GROUP 5
Cranes.....$ 46.70 31.15
OPERATOR: Power Equipment
(Tunnel and Underground Work
- AREA 1:)
SHAFTS, STOPES, RAISES:
GROUP 1.....$ 47.52 31.15
GROUP 1-A.....$ 49.99 31.15
GROUP 2.....$ 46.26 31.15
GROUP 3.....$ 44.93 31.15
GROUP 4.....$ 43.79 31.15
GROUP 5.....$ 42.65 31.15
UNDERGROUND:
GROUP 1.....$ 47.42 31.15
GROUP 1-A.....$ 49.89 31.15
GROUP 2.....$ 46.16 31.15
GROUP 3.....$ 44.83 31.15
GROUP 4.....$ 43.69 31.15
GROUP 5.....$ 42.55 31.15

FOOTNOTE: Work suspended by ropes or cables, or work on a

Yo-Yo Cat: $.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber- tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed constuction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller;

Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom- type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self- propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing mahcine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over

100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons;

PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons; Clamshell over 7 cu. yds.; Self-propelled boom-type lifting device over 100 tons; Truck crane or crawler, land or barge mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

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TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS,TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: DEL NORTE, HUMBOLDT, LAKE, MENDOCINO
AREA 2 -NOTED BELOW

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

DEL NORTE COUNTY:
Area 1: Extreme Southwest corner
Area 2: Remainder

HUMBOLDT COUNTY:
Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:
Area 1: Southern part
Area 2: Remainder

MENDOCINO COUNTY:
Area 1: Central and Southeastern Parts
Area 2: Remainder

IRON0433-006 07/01/2020

	Rates	Fringes
IRONWORKER		
Fence Erector	$ 34.58	24.81
Ornamental, Reinforcing and Structural	$ 41.00	33.45

PREMIUM PAY:

$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval Reserve-Niland,
Edwards AFB, Fort Irwin Military Station, Fort Irwin Training Center-Goldstone, San Clemente Island, San Nicholas Island, Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base, Naval Post Graduate School - Monterey, Yermo Marine Corps Logistics Center

$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LABO0067-001 06/29/2020

AREA ""A"" - MARIN COUNTY

AREA ""B"" - ALPINE, AMADOR, BUTTE COLUSA EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer	$ 25.05	12.00
LABORER (Lead Removal)		
Marin County	$ 33.07	25.30
Remaining Counties	$ 32.07	25.30

LABO0067-005 06/27/2017

AREA ""A"" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA ""B"" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SANCREMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YOUBA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A	$ 29.54	22.17
Area B	$ 28.54	22.17
Traffic Control Person I		
Area A	$ 29.84	22.17
Area B	$ 28.84	22.17
Traffic Control Person II		

Area A	$ 27.34	22.17
Area B	$ 26.34	22.17

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0185-002 07/01/2020

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 32.84	23.71

LABO0185-005 06/25/2018

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 37.82	24.11
GROUP 2	$ 37.59	24.11
GROUP 3	$ 37.34	24.11
GROUP 4	$ 36.89	24.11
GROUP 5	$ 36.35	24.11
Shotcrete Specialist	$ 38.34	24.11

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0185-006 06/25/2018

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHIASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 30.49	23.20
GROUP 1	$ 29.79	23.20
GROUP 1-a	$ 30.01	23.20
GROUP 1-c	$ 30.01	23.20
GROUP 1-e	$ 30.34	23.20
GROUP 1-f	$ 30.37	23.20
GROUP 2	$ 29.64	23.20
GROUP 3	$ 29.54	23.20
GROUP 4	$ 23.23	23.20
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA B:)		
(1) New Construction	$ 29.54	23.20
(2) Establishment Warranty Period	$ 23.23	23.20
LABORER (GUNITE - AREA B:)		
GROUP 1	$ 29.75	22.31
GROUP 2	$ 29.25	22.31
GROUP 3	$ 28.66	22.31
GROUP 4	$ 28.54	22.31
LABORER (WRECKING - AREA B:)		
GROUP 1	$ 29.79	23.20
GROUP 2	$ 29.64	23.20

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter;

Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing

from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0185-008 07/01/2018

	Rates	Fringes
Plasterer tender	$ 32.02	23.00

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0261-002 06/25/2018

MARIN COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 30.54	23.65
Traffic Control Person I	$ 30.84	23.65
Traffic Control Person II	$ 28.34	23.65

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0261-004 06/25/2018

MARIN COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 37.82	24.11
GROUP 2	$ 37.59	24.11
GROUP 3	$ 37.34	24.11
GROUP 4	$ 36.89	24.11
GROUP 5	$ 36.35	24.11
Shotcrete Specialist	$ 38.34	24.11

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and

spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0261-007 07/01/2018

MARIN AND NAPA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 32.45	22.20

LABO0261-010 06/25/2018

MARIN COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist Group	$ 31.49	23.20
GROUP 1	$ 30.79	23.20
GROUP 1-a	$ 31.01	23.20
GROUP 1-c	$ 30.84	23.20
GROUP 1-e	$ 31.34	23.20
GROUP 1-f	$ 31.37	23.20
GROUP 2	$ 30.64	23.20
GROUP 3	$ 30.54	23.20
GROUP 4	$ 24.23	23.20
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA A:)		
(1) New Construction	$ 30.54	23.20
(2) Establishment Warranty Period	$ 24.23	23.20
LABORER (GUNITE - AREA A:)		
GROUP 1	$ 30.75	22.31
GROUP 2	$ 30.25	22.31
GROUP 3	$ 29.66	22.31
GROUP 4	$ 29.54	22.31
LABORER (WRECKING - AREA A:)		
GROUP 1	$ 30.79	23.20
GROUP 2	$ 30.64	23.20

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill;

Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after

the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification ""material cleaner"" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of ""form stripping, cleaning and oiling and moving to the next point of erection"".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0261-015 07/01/2018

	Rates	Fringes
Plasterer tender	$ 32.02	23.00

Work on a swing stage scaffold: $1.00 per hour additional.

LABO0324-004 06/25/2018

NAPA, SOLANO, AND SONOMA, COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person	$ 29.54	23.65
Traffic Control Person I	$ 29.84	23.65
Traffic Control Person II	$ 27.34	23.65

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0324-008 06/25/2018

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1	$ 37.82	24.11
GROUP 2	$ 37.59	24.11
GROUP 3	$ 37.34	24.11
GROUP 4	$ 36.89	24.11
GROUP 5	$ 36.35	24.11
Shotcrete Specialist	$ 38.34	24.11

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and

bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0324-010 07/01/2018

SOLANO AND SONOMA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick	$ 31.45	22.20

LABO0324-013 06/25/2018

NAPA, SOLANO, AND SONOMA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist Group	$ 30.49	23.20
GROUP 1	$ 29.79	23.20
GROUP 1-a	$ 30.01	23.20
GROUP 1-c	$ 29.84	23.20
GROUP 1-e	$ 30.34	23.20
GROUP 1-f	$ 29.37	23.20
GROUP 2	$ 29.64	23.20
GROUP 3	$ 29.54	23.20
GROUP 4	$ 23.23	23.20
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA B:)		
(1) New Construction	$ 29.54	23.20
(2) Establishment Warranty Period	$ 23.23	23.20
LABORER (GUNITE - AREA B:)		
GROUP 1	$ 29.75	22.31
GROUP 2	$ 29.25	22.31
GROUP 3	$ 28.66	22.31
GROUP 4	$ 28.54	22.31
LABORER (WRECKING - AREA B:)		
GROUP 1	$ 29.79	23.20
GROUP 2	$ 29.64	23.20

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive $0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucker; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2"" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive $4.00 per day above Group 1 wage rates. ""Sewer cleaner"" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shal receive $5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers'

work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive $ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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LABO0324-019 07/01/2018

	Rates	Fringes
Plasterer tender	$ 32.02	23.00

Work on a swing stage scaffold: $1.00 per hour additional.

PAIN0016-004 01/01/2019

MARIN, NAPA, SOLANO & SONOMA COUNTIES

	Rates	Fringes
Painters:	$ 42.67	24.03

PREMIUMS:
EXOTIC MATERIALS - $0.75 additional per hour.
SPRAY WORK: - $0.50 additional per hour.
INDUSTRIAL PAINTING - $0.25 additional per hour
[Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:
over 50 feet - $2.00 per hour additional
100 to 180 feet - $4.00 per hour additional
Over 180 feet - $6.00 per houir additional

PAIN0016-005 06/01/2020

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
DRYWALL FINISHER/TAPER	$ 47.38	25.99

PAIN0016-007 01/01/2019

ALPINE, AMADOR, BUTTE, COLUSA. EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
Painters:	$ 33.68	20.24

SPRAY/SANDBLAST: $0.50 additional per hour.
EXOTIC MATERIALS: $1.00 additional per hour.
HIGH TIME: Over 50 ft above ground or water level $2.00 additional per hour. 100 to 180 ft above ground or water level $4.00 additional per hour. Over 180 ft above ground or water level $6.00 additional per hour.

PAIN0016-008 01/01/2019

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 48.60	27.43

PAIN0169-004 07/01/2020

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

	Rates	Fringes
GLAZIER	$ 52.17	30.55

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* PAIN0567-001 07/01/2020

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Painters:		
Brush and Roller	$ 29.80	13.44
Spray Painter & Paperhanger	$ 31.29	13.44

PREMIUMS:
Special Coatings (Brush), and Sandblasting = $0.50/hr
Special Coatings (Spray), and Steeplejack = $1.00/hr
Special Coating Spray Steel = $1.25/hr
Swing Stage = $2.00/hr

*A special coating is a coating that requires the mixing of 2 or more products.

PAIN0567-007 07/01/2020

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
SOFT FLOOR LAYER	$ 31.01	15.48

PAIN0567-010 07/01/2020

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Drywall		
(1) Taper	$ 35.20	14.02
(2) Steeplejack - Taper, over 40 ft with open space below	$ 36.70	14.02

PAIN0767-004 07/01/2020

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

	Rates	Fringes
GLAZIER	$ 40.61	30.76

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee rquired to wear a body harness shall receive $1.50 per hour above the basic hourly rate at any elevation.

PAIN1176-001 07/01/2020

HIGHWAY IMPR0VEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1	$ 38.48	16.88
GROUP 2	$ 32.71	16.88

GROUP 3.....$ 33.09 16.88

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

PAIN1237-001 06/01/2020

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER	$ 39.61	22.59

PLAS0300-003 07/01/2018

	Rates	Fringes
PLASTERER		
AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehema, Trinity, Yolo & Yuba Counties	$ 32.70	31.68
AREA 355: Marin	$ 36.73	31.68
AREA 355: Napa & Sonoma Counties	$ 32.70	31.68

PLAS0300-005 07/01/2017

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER	$ 33.49	23.67

PLUM0038-002 07/01/2020

MARIN AND SONOMA COUNTIES

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter)		
(1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals,		

prisons, hotels, schools, casinos, wastewater treatment plants, and resarch facilities as well as refrigeration pipefitting, service and repair work - MARKET RECOVERY RATE.....$ 64.86 43.54
(2) All other work - NEW CONSTRUCTION RATE.....$ 76.30 45.27

PLUM0038-006 07/01/2019

MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter)	$ 63.04	31.48

PLUM0228-001 01/01/2021

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

	Rates	Fringes
PLUMBER	$ 42.00	35.14

PLUM0343-001 07/01/2020

NAPA AND SOLANO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Light Commercial	$ 30.85	20.40
All Other Work	$ 54.00	38.74

DEFINITION OF LIGHT COMMERICIAL:
Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand ($250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand ($250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand ($250,000) for the plumbing bid; and Two Hundred Fifty Thousand ($250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: $.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: $.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: $.75 per hour additional.

PLUM0350-001 08/01/2019

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
PLUMBER/PIPEFITTER	$ 45.84	13.81

PLUM0355-001 07/01/2020

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Underground Utility Worker /Landscape Fitter	$ 29.90	16.30

PLUM0442-003 07/01/2020

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

	Rates	Fringes
PLUMBER	$ 45.50	31.89

PLUM0447-001 07/01/2020

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Journeyman	$ 54.37	25.75
Light Commercial Work	$ 36.23	17.72

ROOF0081-006 08/01/2020

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Roofer	$ 44.62	19.36

ROOF0081-007 08/01/2020

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN,LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Roofer	$ 39.73	19.11

* SFCA0483-003 01/01/2021

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SPRINKLER FITTER (Fire		

Sprinklers).....$ 67.99 32.85

SFCA0669-003 01/01/2021

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
SPRINKLER FITTER	$ 40.87	26.29

SHEE0104-006 06/29/2020

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker		
Mechanical Contracts		
$200,000 or less	$ 55.92	45.29
All other work	$ 64.06	46.83

SHEE0104-009 07/01/2020

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER, YOLO AND YUBA COUNTIES

	Rates	Fringes
SHEET METAL WORKER	$ 46.60	40.21

SHEE0104-010 07/01/2020

AlPINE COUNTY

	Rates	Fringes
SHEET METAL WORKER	$ 43.50	37.42

SHEE0104-011 07/01/2020

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal decking and siding only)	$ 44.45	35.55

SHEE0104-014 07/01/2020

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only)	$ 44.45	35.55

SHEE0104-019 07/01/2020

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU AND TEHAMA COUNTIES

	Rates	Fringes
SHEET METAL WORKER		
Mechanical Jobs $200,000 & under	$ 35.16	35.88
Mechanical Jobs over $200,000	$ 46.60	40.21

TEAM0094-001 07/01/2018

	Rates	Fringes
Truck drivers:		
GROUP 1	$ 31.68	27.86
GROUP 2	$ 31.98	27.86
GROUP 3	$ 32.28	27.86
GROUP 4	$ 32.63	27.86
GROUP 5	$ 32.98	27.86

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.

Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and ""A"" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self- propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar

type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

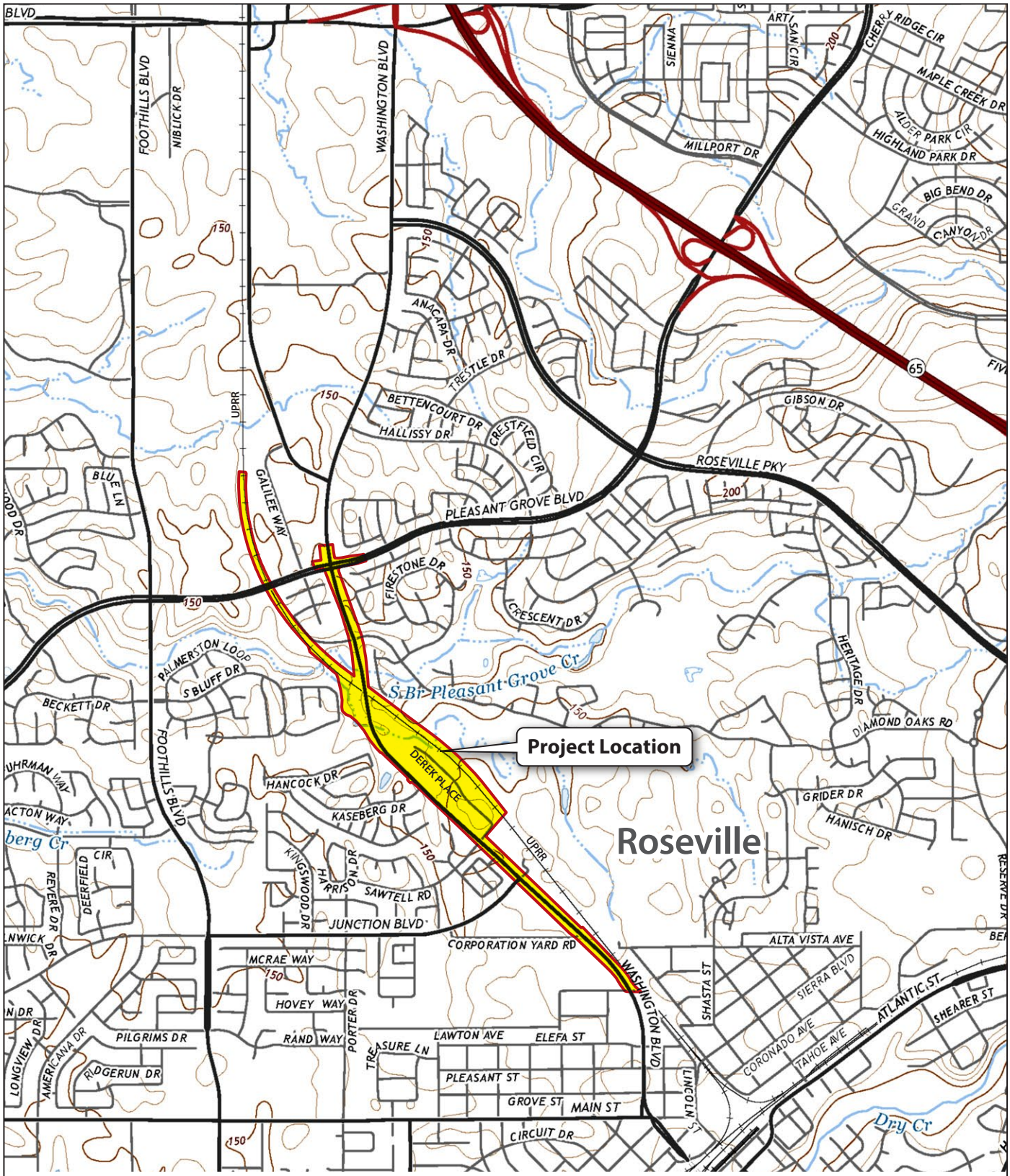
3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"



Scale = 1:24,000

Base Map: US Topo 7.5' series Roseville, California quadrangle (2015)

Graphics ... 00274.16 (5-15-2019)

Washington Boulevard/Andora Bridge Widening Project
Phase 1: Washington Blvd Bikeway and Pedestrian Pathway Project
Location Map

ORDINANCE NO. 6357

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2020-21, is hereby amended as listed on the attached budget adjustment for the Washington Boulevard/Andora Bridge Widening Phase 1 (Washington Boulevard Bikeway and Pedestrian Pathways Project).

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE:	Beth Taylor, Assistant Engineer	FISCAL YEAR:	2021
PREPARER NAME & TITLE:	Beth Taylor, Assistant Engineer	COUNCIL DATE (if applicable):	5/5/2021
DEPARTMENT/DIVISION:	Public Works- Engineering	ORDINANCE:	

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
3151	5080	84001	400015	87,989	Establish Project Budget for Staff Time
3151	6587	84001	400015	585,800	Establish Project Budget for Project Construction
3151	6587	84001	400015	425,459	Establish Project Budget for Professional Services
6520	5080	84001	400015	131,983	Establish Project Budget for Staff Time
6520	6587	84001	400015	4,513,100	Establish Project Budget for Project Construction
6520	6587	84001	400015	638,188	Establish Project Budget for Professional Services
6001	6587	84701	400015	33,600	Establish Project Budget for Project Construction
6001	6587	62210		(33,600)	Reduce Traffic Signal Maintenance budget
			TOTAL	6,382,519	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6520	4401	84001	400015	2,030,000	Federal Grants ATP Grant reimbursement
6520	4401	84001	400015	1,100,000	Federal Grants CMAQ Grant reimbursement
6520	4425	84001	400015	2,153,271	Local Transportation Funds -SB 325
			TOTAL	5,283,271	

NET ADJUSTMENT	1,099,248	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
3151	3601	00000	000000	(1,099,248)	Reduce Traffic Mitigation Fund Balance
			TOTAL	(1,099,248)	

Justification for Budget Adjustment:

This budget adjustment is requested to fund the Washington Blvd Bikeway and Pedestrian Pathways Project (Washington/Andora Phase 1). This phase of the project is funded by: 3151-Trafic Mitigation Fund (TMF) available resources, 6520-Local Transportation Fund (ATP Grant reimbursement, CMAQ Grant reimbursement, and SB 325), and 6001-Electric Fund (move budget from Traffic Signal Maint and Upgrades cost center to Project Related). The roadway widening of the project is eligible for TMF funds. The multi-use path and bikeway portions of the project are eligible for LTF funds. A portion of the signal improvements will be paid for using the Electric Fund. The construction scope of this project consists of clearing and grubbing, excavation, pedestrian and bicycle facilities construction and paving, street lighting, new and modification of traffic signals, grading, drainage, utilities, widening, and striping along Washington Blvd. between Sawtell and Pleasant Grove Blvd.

REQUIRED APPROVALS:

REQUESTING DEPARTMENT HEAD / DESIGNEE	DATE	BUDGET MANAGER / DESIGNEE	DATE
CHIEF FINANCIAL OFFICER / DESIGNEE	DATE	CITY MANAGER / DESIGNEE	DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY	DATE

Revised: June 24, 2019

COUNCIL COMMUNICATION

CC #: 1427
File #: 0900-07 & 0201-01

Title:	Maidu Soccer Complex Turf Conversion Project - Budget Adjustment
Contact:	Kristi LaRoche 916-774-5962 klaroche@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.20.

RECOMMENDATION TO COUNCIL

The Parks, Recreation & Libraries Department requests that City Council adopt an ordinance to approve a budget adjustment for the Maidu Soccer Complex turf conversion project in the amount of $100,625 from the Youth Sports Coalition Fund and reduce project funding from the Parks, Recreation and Libraries Capital Project Fund by $100,625.

BACKGROUND

The Roseville Youth Sports Coalition (YSC) is a partnership between local independent youth sports organizations and the City of Roseville. The youth sports partners provide athletic opportunities and competitions for participants, and the City provides game and practice fields for the partners.

The YSC is made up of seven youth sports organizations within the City of Roseville. In 2021, YSC member organizations pay $20 per participant to the City of Roseville to support youth sports within the City. These participant fees are collected by the City, with $15 dedicated to field maintenance and operations. The remaining $5 of the participant fee is divided equally, with $2.50 allocated to each member organization's account to complete field maintenance or improvement projects, and the remaining $2.50 is allocated to a City fund for field improvement projects.

During FY2020-21, a major renovation project was completed at the Maidu Soccer Complex. The project budget of $700,000 was partly funded by anticipated revenue in the Parks, Recreation & Libraries Capital Projects Fund. Subsequently, two YSC organizations agreed to contribute a total of $100,625 directly from their individual YSC member accounts, which reduces project funding from anticipated revenue in the Parks, Recreation and Libraries Capital Projects Fund. These contributions result in the recommended budget adjustment of $100,625.

FISCAL IMPACT

The recommended budget adjustment has no impact on the overall project budget, or on the General Fund.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of a budget adjustment meets the above criteria and is not subject to CEQA. No additional environmental review is required.

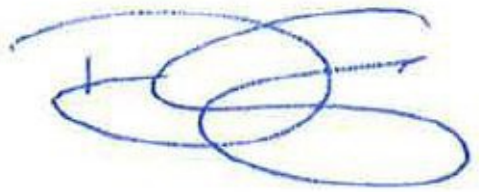
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Kristi LaRoche, Parks, Recreation & Libraries Superintendent

Jill Geller, Parks, Recreation & Libraries Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6355

Budget Adjustment

ORDINANCE NO. 6355

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2020-21, is hereby amended by transferring appropriations as listed on the attached budget adjustment for the Maidu Soccer Complex Turf Conversion Project.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Kathy Cullen, Management Analyst
FISCAL YEAR: 2020/2021

PREPARER NAME & TITLE: Kathy Cullen, Management Analyst
COUNCIL DATE (if applicable): 4/21/21

DEPARTMENT/DIVISION: Parks, Recreation & Libraries/Park Development
ORDINANCE:

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
1201	6587	84001	500087	100,625	Increase project budget - Direct funding
3130	6587	84001	500087	(100,625)	Decrease project budget - Direct funding from 1201
			TOTAL	-	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
3130	4780	84001	500087	(100,625)	Decrease project revenue- Direct funding from 1201
			TOTAL	(100,625)	

NET ADJUSTMENT	100,625	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
1201				(100,625)	Reduce available resources in the Roseville Youth Sports Coalition Fund.
			TOTAL	(100,625)	

Justification for Budget Adjustment:

The Parks, Recreation & Libraries department is requesting a change to the funding mechanism for the Maidu Turf conversion project (#500087). The initial project budget included $72,000 in revenue from the Roseville Youth Soccer Club and $28,625 in revenue from the Granite Bay Football Club. Both youth sports clubs requested the use of their share of the Youth Sports Coalition fund to pay their outstanding share of the project expenditures rather than paying the total amount by check. This budget adjustment reduces the project's expenditure and revenue budget in the Parks Recreation and Library Capital Projects fund (3130) by $100,625 and sets up the project budget of $100,625 directly funded from the Youth Sports Coalition (YSC) fund.

REQUIRED APPROVALS:

REQUESTING DEPARTMENT HEAD / DESIGNEE	DATE 3/23/21	BUDGET MANAGER / DESIGNEE	DATE
CHIEF FINANCIAL OFFICER / DESIGNEE	DATE	CITY MANAGER / DESIGNEE	DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY	DATE

Revised: June 24, 2019

3/23/20212:25 PM

COUNCIL COMMUNICATION

CC #: 1446
File #: 0600-01 & 0202-01

Title:	International Brotherhood of Electrical Workers, Local 1245 - Implementation of Labor Market Salary Adjustments
Contact:	Linda Hampton 916-774-5215 lhampton@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.21.

RECOMMENDATION TO COUNCIL

It is recommended that the City Council take the following actions:
1. Adopt an ordinance to approve the IBEW A & B salary schedules (Appendix D) reflecting the labor market adjustments effective May 8, 2021; and
2. Adopt an ordinance to approve the attached Electric Department budget adjustment.

BACKGROUND

The current International Brotherhood of Electrical Workers, Local 1245 (IBEW), Memorandum of Understanding (MOU), approved by City Council, is effective April 27, 2019 through April 30, 2022. The City Council agreed in the MOU that the City would conduct a total compensation study in February 2021 with the resulting salary adjustments to be implemented for the first pay period of May 2021. This is in accordance with the same methodology used in the 2020 Total Compensation Study for each classification.

To implement the labor market adjustments, the following adjustments will be made:

Job Code	Job Title	A Schedule	B Schedule
150	Electric Apprentice Line Technician	5.37%	5.37%
2328	Electric Drafting Technician I	2.89%	2.89%
2330	Electric Drafting Technician II	2.89%	2.89%
2340	Electric Engineering Technician I	6.32%	6.32%
2345	Electric Engineering Technician II	6.32%	6.32%
2285	Electric Line Technician	5.37%	5.37%
2286	Electric Line Troubleshooter	5.37%	5.37%
2210	Electric Materials Technician I	1.07%	1.07%
2212	Electric Materials Technician II	1.07%	1.07%
1031	Electric Metering Systems	3.35%	3.35%

	Technician I		
1033	Electric Metering Systems Technician II	3.35%	3.35%
2421	Electric Pre-Apprentice	5.37%	5.37%
2254	Electric Preventive Data System Technician	1.07%	1.07%
1034	Electric Substation Technician I	3.41%	3.41%
1035	Electric Substation Technician II	3.41%	3.41%
2350	Electric System Dispatcher	5.37%	5.37%
2359	Electric Technology System Technician	4.02%	4.02%
9250	Electric Utility Inspection Technician	5.37%	5.37%
2380	Electronics Technician I	0.00%	0.82%
2385	Electronics Technician II	0.00%	0.82%
1037	Environmental Utilities Instrument and Control Technician I	0.00%	0.82%
1038	Environmental Utilities Instrument and Control Technician II	0.00%	0.82%
3608	Instrument and Control Technician	4.02%	4.02%
4520	Materials Technician	1.07%	1.07%
5316	Plant and Equipment Maintenance Worker I	1.07%	1.07%
5319	Plant and Equipment Maintenance Worker II	1.07%	1.07%
5327	Plant and Equipment Mechanic I	1.07%	1.07%
5328	Plant and Equipment Mechanic II	1.07%	1.07%
5595	Power Engineer I	2.37%	2.37%
5596	Power Engineer II	2.37%	2.37%
5590	Power Plant Engineer I	2.37%	2.37%
5591	Power Plant Engineer II	2.37%	2.37%
5526	Power Plant Mechanic	4.02%	4.02%
5522	Power Plant Operator Technician I	4.02%	4.02%
5523	Power Plant Operator Technician II	4.02%	4.02%
5401	Predictive Maintenance Technician I	0.00%	0.82%
5402	Predictive Maintenance Technician II	0.00%	0.82%
5533	Preventative Maintenance Coordinator	0.00%	0.00%
5500	Preventative Maintenance Technician I	0.00%	0.82%
5502	Preventative Maintenance Technician II	0.00%	0.82%
7020	SCADA System Technician	0.00%	0.82%
7118	Senior Electric Line Technician	5.37%	5.37%
7169	Senior Electric Materials Technician	1.07%	1.07%
1036	Senior Electric Metering Systems Technician	3.35%	3.35%
7126	Senior Electric Substation Technician	3.41%	3.41%

7168	Senior Electric System Dispatcher	5.37%	5.37%
7170	Senior Electronic Technician	0.00%	0.82%
7205	Senior Plant and Equipment Mechanic	1.07%	1.07%
7152	Senior Power Plant Operator Technician	4.02%	4.02%
7284	Senior Preventative Maintenance Technician	0.00%	0.82%
9559	Senior SCADA System Technician	0.00%	0.82%
7202	Senior Wastewater Utility Maintenance Worker	0.00%	0.00%
7204	Senior Water Distribution Worker	0.00%	0.00%
2375	Traffic Signal Maintenance Worker I	0.03%	0.03%
2376	Traffic Signal Maintenance Worker II	0.03%	0.03%
9027	Wastewater Utility Maintenance Worker I	8.03%	8.03%
9029	Wastewater Utility Maintenance Worker II	0.03%	0.03%
9078	Water Conservation Specialist	0.00%	0.00%
9049	Water Conservation Worker I	8.03%	8.03%
9051	Water Conservation Worker II	0.03%	0.03%
9246	Water Distribution Worker I	8.03%	8.03%
9248	Water Distribution Worker II	0.03%	0.03%

FISCAL IMPACT

The estimated cost of the recommended labor market adjustments total is $110,622 for the remainder of FY2020-21. Staff recommends that the City Council approve a budget adjustment of $97,347 to fund the increases in the Electric Fund. The Waste Operations and Wastewater Operations funds have adequate resources to absorb the cost for the remainder of the fiscal year. The ongoing cost of $719,045 will be incorporated into the proposed FY2021-22 budget.

Fund	Salary	Benefits	Total	Estimated Cost for the Remainder of FY2020-21
6001 - Electric	$ 498,113	$ 132,494	$ 630,607	$ 97,347
6101 - Water Operations	$ 29,388	$ 8,689	$ 38,077	$ 5,716
6201 - Wastewater Operations	$ 38,466	$ 11,895	$ 50,361	$ 7,559
Grand Total	**$ 565,967**	**$ 153,078**	**$ 719,045**	**$ 110,622**

Annual pension cost increases of $61,390 are included in the benefit costs in the table.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of the proposed labor market adjustments meet the above criteria and is not subject to CEQA. No additional environmental review is required.

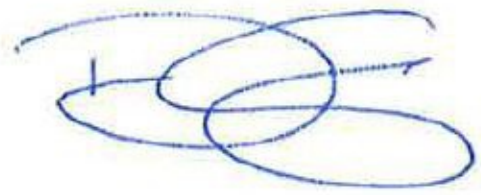
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Deliver Exceptional City Services

Respectfully Submitted,

Linda Hampton, Human Resources Manager

Stacey Peterson, Human Resources Director



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6359

2021-05-08 IBEW Salary Schedule A

2021-05-08 IBEW Salary Schedule B

Ordinance 6360

Budget Adjustment

ORDINANCE NO. 6359

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6250, THE SALARY ORDINANCE FOR ELECTRIC PERSONNEL REPRESENTED BY THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, AFL-CIO, LOCAL NO. 1245, IBEW-A AND IBEW-B, AS AMENDED BY APPENDIX "D" TO BE EFFECTIVE MAY 8, 2021, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6250, the Salary Ordinances for electric personnel represented by the International Brotherhood of Electrical Workers, AFL-CIO, Local No. 1245, IBEW-A and IBEW-B, are hereby amended as shown on Appendix "D" for salary schedules A and B attached hereto, to reflect labor market adjustments.

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective May 8, 2021 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect May 8, 2021. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this_____day of _____, 20___, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-A

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0150A	Electric Apprentice Line Technician-A	Step A	49.3402	3947.22	8552.30	102627.62
		Step B	53.1357	4250.86	9210.19	110522.26
		Step C	56.9311	4554.49	9868.06	118416.69
		Step D	60.7265	4858.12	10525.93	126311.12
		Step E	64.5219	5161.75	11183.80	134205.55
		Step F	68.3173	5465.38	11841.67	142099.98
2328A	Electric Drafting Technician I-A	Step A	32.1965	2575.72	5580.73	66968.72
		Step B	33.8063	2704.50	5859.76	70317.10
		Step C	35.4966	2839.73	6152.74	73832.93
		Step D	37.2714	2981.71	6460.38	77524.51
		Step E	39.1350	3130.80	6783.40	81400.80
		Step F	41.0917	3287.34	7122.56	85470.74
		Step G	43.1463	3451.70	7478.69	89744.30
		Step H	45.3037	3624.30	7852.64	94231.70

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-A

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2330A	Electric Drafting Technician II-A	Step A	35.4150	2833.20	6138.60	73663.20
		Step B	37.1859	2974.87	6445.56	77346.67
		Step C	39.0452	3123.62	6767.83	81214.02
		Step D	40.9973	3279.78	7106.20	85274.38
		Step E	43.0473	3443.78	7461.53	89538.38
		Step F	45.1997	3615.98	7834.61	94015.38
		Step G	47.4597	3796.78	8226.35	98716.18
		Step H	49.8326	3986.61	8637.65	103651.81
2340A	Electric Engineering Technician I-A	Step A	40.3298	3226.38	6990.50	83885.98
		Step B	42.3463	3387.70	7340.03	88080.30
		Step C	44.4637	3557.10	7707.04	92484.50
		Step D	46.6868	3734.94	8092.38	97108.54
		Step E	49.0211	3921.69	8496.99	101963.89
		Step F	51.4722	4117.78	8921.85	107062.18
		Step G	54.0458	4323.66	9367.94	112415.26
		Step H	56.7481	4539.85	9836.34	118036.05

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2345A	Electric Engineering Technician II-A	Step A	44.3627	3549.02	7689.53	92274.42
		Step B	46.5809	3726.47	8074.02	96888.27
		Step C	48.9100	3912.80	8477.73	101732.80
		Step D	51.3554	4108.43	8901.60	106819.23
		Step E	53.9232	4313.86	9346.69	112160.26
		Step F	56.6194	4529.55	9814.03	117768.35
		Step G	59.4503	4756.02	10304.72	123656.62
		Step H	62.4229	4993.83	10819.97	129839.63
2285A	Electric Line Technician-A	Step A	75.9081	6072.65	13157.40	157888.85
2286A	Electric Line Troubleshooter-A	Step A	56.6453	4531.62	9818.52	117822.22
		Step B	59.4776	4758.21	10309.45	123713.41
		Step C	62.4515	4996.12	10824.93	129899.12
		Step D	65.5741	5245.93	11366.18	136394.13
		Step E	68.8528	5508.22	11934.49	143213.82
		Step F	72.2954	5783.63	12531.20	150374.43
		Step G	75.9102	6072.82	13157.77	157893.22
		Step H	79.7057	6376.46	13815.65	165787.86

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2210A	Electric Materials Technician I-A	Step A	31.0119	2480.95	5375.40	64504.75
		Step B	32.5625	2605.00	5644.17	67730.00
		Step C	34.1906	2735.25	5926.37	71116.45
		Step D	35.9001	2872.01	6222.68	74672.21
		Step E	37.6952	3015.62	6533.83	78406.02
		Step F	39.5798	3166.38	6860.50	82325.98
		Step G	41.5589	3324.71	7203.54	86442.51
		Step H	43.6368	3490.94	7563.71	90764.54
2212A	Electric Materials Technician II-A	Step A	34.1130	2729.04	5912.92	70955.04
		Step B	35.8187	2865.50	6208.57	74502.90
		Step C	37.6097	3008.78	6519.01	78228.18
		Step D	39.4901	3159.21	6844.95	82139.41
		Step E	41.4646	3317.17	7187.20	86246.37
		Step F	43.5378	3483.02	7546.55	90558.62
		Step G	45.7147	3657.18	7923.88	95086.58
		Step H	48.0005	3840.04	8320.09	99841.04

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1031A	Electric Metering Systems Technician I - A	Step A	46.1721	3693.77	8003.16	96037.97
		Step B	48.4808	3878.46	8403.34	100840.06
		Step C	50.9048	4072.38	8823.50	105881.98
		Step D	53.4500	4276.00	9264.67	111176.00
		Step E	56.1226	4489.81	9727.92	116735.01
		Step F	58.9286	4714.29	10214.29	122571.49
		Step G	61.8751	4950.01	10725.02	128700.21
		Step H	64.9688	5197.50	11261.26	135135.10
1033A	Electric Metering Systems Technician II - A	Step A	50.7894	4063.15	8803.50	105641.95
		Step B	53.3288	4266.30	9243.66	110923.90
		Step C	55.9952	4479.62	9705.83	116470.02
		Step D	58.7951	4703.61	10191.15	122293.81
		Step E	61.7348	4938.78	10700.70	128408.38
		Step F	64.8215	5185.72	11235.73	134828.72
		Step G	68.0626	5445.01	11797.52	141570.21
		Step H	71.4657	5717.26	12387.39	148648.66

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2421A	Electric Pre-Apprentice-A	Step A	32.0712	2565.70	5559.01	66708.10
		Step B	34.5382	2763.06	5986.62	71839.46
		Step C	37.0052	2960.42	6414.23	76970.82
		Step D	39.4722	3157.78	6841.85	82102.18
		Step E	41.9393	3355.14	7269.48	87233.74
		Step F	44.4063	3552.50	7697.09	92365.10
2254A	Electric Preventive Data System Technician-A	Step A	28.1926	2255.41	4886.72	58640.61
		Step B	29.6022	2368.18	5131.05	61572.58
		Step C	31.0823	2486.58	5387.60	64651.18
		Step D	32.6364	2610.91	5656.98	67883.71
		Step E	34.2682	2741.46	5939.82	71277.86
		Step F	35.9816	2878.53	6236.81	74841.73
		Step G	37.7807	3022.46	6548.65	78583.86
		Step H	39.6698	3173.58	6876.10	82513.18

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1034A	Electric Substation Technician I - A	Step A	47.1538	3772.30	8173.33	98079.90
		Step B	49.5115	3960.92	8581.99	102983.92
		Step C	51.9871	4158.97	9011.10	108133.17
		Step D	54.5864	4366.91	9461.64	113539.71
		Step E	57.3158	4585.26	9934.74	119216.86
		Step F	60.1815	4814.52	10431.46	125177.52
		Step G	63.1906	5055.25	10953.04	131436.45
		Step H	66.3501	5308.01	11500.68	138008.21
1035A	Electric Substation Technician II - A	Step A	51.8692	4149.54	8990.66	107887.94
		Step B	54.4626	4357.01	9440.18	113282.21
		Step C	57.1858	4574.86	9912.21	118946.46
		Step D	60.0451	4803.61	10407.82	124893.81
		Step E	63.0473	5043.78	10928.20	131138.38
		Step F	66.1997	5295.98	11474.61	137695.38
		Step G	69.5097	5560.78	12048.35	144580.18
		Step H	72.9852	5838.82	12650.77	151809.22

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2350A	Electric System Dispatcher-A	Step A	59.3428	4747.42	10286.09	123433.02
		Step B	62.3099	4984.79	10800.38	129604.59
		Step C	65.4254	5234.03	11340.40	136084.83
		Step D	68.6967	5495.74	11907.43	142889.14
		Step E	72.1315	5770.52	12502.79	150033.52
		Step F	75.7382	6059.06	13127.95	157535.46
		Step G	79.5251	6362.01	13784.35	165412.21
		Step H	83.5012	6680.10	14473.54	173682.50
2359A	Electric Technology System Technician-A	Step A	49.3080	3944.64	8546.72	102560.64
		Step B	51.7734	4141.87	8974.06	107688.67
		Step C	54.3621	4348.97	9422.76	113073.17
		Step D	57.0801	4566.41	9893.88	118726.61
		Step E	59.9341	4794.73	10388.58	124662.93
		Step F	62.9309	5034.47	10908.02	130896.27
		Step G	66.0774	5286.19	11453.42	137440.99
		Step H	69.3812	5550.50	12026.07	144312.90

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9250A	Electric Utility Inspection Technician-A	Step A	49.0436	3923.49	8500.89	102010.69
		Step B	51.4957	4119.66	8925.92	107111.06
		Step C	54.0705	4325.64	9372.22	112466.64
		Step D	56.7740	4541.92	9840.83	118089.92
		Step E	59.6128	4769.02	10332.89	123994.62
		Step F	62.5934	5007.47	10849.52	130194.27
		Step G	65.7231	5257.85	11392.00	136704.05
		Step H	69.0092	5520.74	11961.59	143539.14
2380A	Electronics Technician I-A	Step A	34.4869	2758.95	5977.73	71732.75
		Step B	36.2113	2896.90	6276.63	75319.50
		Step C	38.0219	3041.75	6590.46	79085.55
		Step D	39.9230	3193.84	6919.99	83039.84
		Step E	41.9191	3353.53	7265.98	87191.73
		Step F	44.0151	3521.21	7629.28	91551.41
		Step G	46.2158	3697.26	8010.74	96128.86
		Step H	48.5266	3882.13	8411.28	100935.33

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2385A	Electronics Technician II-A	Step A	37.9355	3034.84	6575.49	78905.84
		Step B	39.8323	3186.58	6904.27	82851.18
		Step C	41.8239	3345.91	7249.48	86993.71
		Step D	43.9151	3513.21	7611.95	91343.41
		Step E	46.1109	3688.87	7992.56	95910.67
		Step F	48.4164	3873.31	8392.18	100706.11
		Step G	50.8372	4066.98	8811.78	105741.38
		Step H	53.3791	4270.33	9252.38	111028.53
1037A	Environmental Utilities Instrument and Control Technician I - A	Step A	34.4869	2758.95	5977.73	71732.75
		Step B	36.2113	2896.90	6276.63	75319.50
		Step C	38.0219	3041.75	6590.46	79085.55
		Step D	39.9230	3193.84	6919.99	83039.84
		Step E	41.9191	3353.53	7265.98	87191.73
		Step F	44.0151	3521.21	7629.28	91551.41
		Step G	46.2158	3697.26	8010.74	96128.86
		Step H	48.5266	3882.13	8411.28	100935.33

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1038A	Environmental Utilities Instrument and Control Technician II - A	Step A	37.9355	3034.84	6575.49	78905.84
		Step B	39.8323	3186.58	6904.27	82851.18
		Step C	41.8239	3345.91	7249.48	86993.71
		Step D	43.9151	3513.21	7611.95	91343.41
		Step E	46.1109	3688.87	7992.56	95910.67
		Step F	48.4164	3873.31	8392.18	100706.11
		Step G	50.8372	4066.98	8811.78	105741.38
		Step H	53.3791	4270.33	9252.38	111028.53
3608A	Instrument and Control Technician-A	Step A	51.7746	4141.97	8974.26	107691.17
		Step B	54.3633	4349.06	9422.97	113075.66
		Step C	57.0815	4566.52	9894.13	118729.52
		Step D	59.9356	4794.85	10388.84	124666.05
		Step E	62.9324	5034.59	10908.28	130899.39
		Step F	66.0790	5286.32	11453.69	137444.32
		Step G	69.3829	5550.63	12026.37	144316.43
		Step H	72.8521	5828.17	12627.70	151532.37

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4520A	Materials Technician-A	Step A	32.4886	2599.09	5631.36	67576.29
		Step B	34.1129	2729.03	5912.90	70954.83
		Step C	35.8187	2865.50	6208.57	74502.90
		Step D	37.6097	3008.78	6519.01	78228.18
		Step E	39.4901	3159.21	6844.95	82139.41
		Step F	41.4646	3317.17	7187.20	86246.37
		Step G	43.5378	3483.02	7546.55	90558.62
		Step H	45.7147	3657.18	7923.88	95086.58
5316A	Plant and Equipment Maintenance Worker I-A	Step A	22.1901	1775.21	3846.28	46155.41
		Step B	23.2997	1863.98	4038.61	48463.38
		Step C	24.4646	1957.17	4240.53	50886.37
		Step D	25.6880	2055.04	4452.59	53431.04
		Step E	26.9722	2157.78	4675.18	56102.18
		Step F	28.3209	2265.67	4908.96	58907.47
		Step G	29.7369	2378.95	5154.40	61852.75
		Step H	31.2238	2497.90	5412.13	64945.50

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5319A	Plant and Equipment Maintenance Worker II-A	Step A	24.4091	1952.73	4230.91	50770.93
		Step B	25.6296	2050.37	4442.46	53309.57
		Step C	26.9111	2152.89	4664.59	55975.09
		Step D	28.2566	2260.53	4897.81	58773.73
		Step E	29.6695	2373.56	5142.71	61712.56
		Step F	31.1529	2492.23	5399.84	64798.03
		Step G	32.7106	2616.85	5669.84	68038.05
		Step H	34.3462	2747.70	5953.34	71440.10
5327A	Plant and Equipment Mechanic I-A	Step A	26.8502	2148.02	4654.03	55848.42
		Step B	28.1926	2255.41	4886.72	58640.61
		Step C	29.6022	2368.18	5131.05	61572.58
		Step D	31.0823	2486.58	5387.60	64651.18
		Step E	32.6364	2610.91	5656.98	67883.71
		Step F	34.2682	2741.46	5939.82	71277.86
		Step G	35.9816	2878.53	6236.81	74841.73
		Step H	37.7808	3022.46	6548.67	78584.06

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5328A	Plant and Equipment Mechanic II-A	Step A	29.5346	2362.77	5119.33	61431.97
		Step B	31.0113	2480.90	5375.29	64503.50
		Step C	32.5619	2604.95	5644.06	67728.75
		Step D	34.1900	2735.20	5926.27	71115.20
		Step E	35.8995	2871.96	6222.58	74670.96
		Step F	37.6945	3015.56	6533.71	78404.56
		Step G	39.5791	3166.33	6860.38	82324.53
		Step H	41.5581	3324.65	7203.40	86440.85
5595A	Power Engineer I-A	Step A	47.7248	3817.98	8272.30	99267.58
		Step B	50.1110	4008.88	8685.91	104230.88
		Step C	52.6165	4209.32	9120.19	109442.32
		Step D	55.2473	4419.78	9576.20	114914.38
		Step E	58.0097	4640.78	10055.01	120660.18
		Step F	60.9103	4872.82	10557.79	126693.42
		Step G	63.9558	5116.46	11085.67	133028.06
		Step H	67.1536	5372.29	11639.96	139679.49

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5596A	Power Engineer II-A	Step A	52.4986	4199.89	9099.76	109197.09
		Step B	55.1237	4409.90	9554.77	114657.30
		Step C	57.8799	4630.39	10032.52	120390.19
		Step D	60.7738	4861.90	10534.13	126409.50
		Step E	63.8125	5105.00	11060.83	132730.00
		Step F	67.0032	5360.26	11613.89	139366.66
		Step G	70.3533	5628.26	12194.57	146334.86
		Step H	73.8709	5909.67	12804.29	153651.47
5590A	Power Plant Engineer I-A	Step A	47.7248	3817.98	8272.30	99267.58
		Step B	50.1110	4008.88	8685.91	104230.88
		Step C	52.6165	4209.32	9120.19	109442.32
		Step D	55.2473	4419.78	9576.20	114914.38
		Step E	58.0097	4640.78	10055.01	120660.18
		Step F	60.9103	4872.82	10557.79	126693.42
		Step G	63.9558	5116.46	11085.67	133028.06
		Step H	67.1536	5372.29	11639.96	139679.49

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5591A	Power Plant Engineer II-A	Step A	52.4973	4199.78	9099.53	109194.38
		Step B	55.1222	4409.78	9554.51	114654.18
		Step C	57.8783	4630.26	10032.24	120386.86
		Step D	60.7722	4861.78	10533.85	126406.18
		Step E	63.8108	5104.86	11060.54	132726.46
		Step F	67.0014	5360.11	11613.58	139362.91
		Step G	70.3514	5628.11	12194.24	146330.91
		Step H	73.8690	5909.52	12803.96	153647.52
5526A	Power Plant Mechanic-A	Step A	47.0667	3765.34	8158.23	97898.74
		Step B	49.4201	3953.61	8566.15	102793.81
		Step C	51.8911	4151.29	8994.46	107933.49
		Step D	54.4856	4358.85	9444.17	113330.05
		Step E	57.2099	4576.79	9916.38	118996.59
		Step F	60.0703	4805.62	10412.19	124946.22
		Step G	63.0739	5045.91	10932.81	131193.71
		Step H	66.2276	5298.21	11479.45	137753.41

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5522A	Power Plant Operator Technician I-A	Step A	44.8253	3586.02	7769.72	93236.62
		Step B	47.0667	3765.34	8158.23	97898.74
		Step C	49.4199	3953.59	8566.12	102793.39
		Step D	51.8910	4151.28	8994.44	107933.28
		Step E	54.4855	4358.84	9444.15	113329.84
		Step F	57.2098	4576.78	9916.37	118996.38
		Step G	60.0703	4805.62	10412.19	124946.22
		Step H	63.0739	5045.91	10932.81	131193.71
5523A	Power Plant Operator Technician II-A	Step A	49.3080	3944.64	8546.72	102560.64
		Step B	51.7734	4141.87	8974.06	107688.67
		Step C	54.3621	4348.97	9422.76	113073.17
		Step D	57.0801	4566.41	9893.88	118726.61
		Step E	59.9341	4794.73	10388.58	124662.93
		Step F	62.9309	5034.47	10908.02	130896.27
		Step G	66.0775	5286.20	11453.43	137441.20
		Step H	69.3812	5550.50	12026.07	144312.90

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5401A	Predictive Maintenance Technician I-A	Step A	34.4869	2758.95	5977.73	71732.75
		Step B	36.2113	2896.90	6276.63	75319.50
		Step C	38.0219	3041.75	6590.46	79085.55
		Step D	39.9230	3193.84	6919.99	83039.84
		Step E	41.9191	3353.53	7265.98	87191.73
		Step F	44.0151	3521.21	7629.28	91551.41
		Step G	46.2158	3697.26	8010.74	96128.86
		Step H	48.5266	3882.13	8411.28	100935.33
5402A	Predictive Maintenance Technician II-A	Step A	37.9355	3034.84	6575.49	78905.84
		Step B	39.8323	3186.58	6904.27	82851.18
		Step C	41.8239	3345.91	7249.48	86993.71
		Step D	43.9151	3513.21	7611.95	91343.41
		Step E	46.1109	3688.87	7992.56	95910.67
		Step F	48.4164	3873.31	8392.18	100706.11
		Step G	50.8372	4066.98	8811.78	105741.38
		Step H	53.3791	4270.33	9252.38	111028.53

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Salary Schedule: International Brotherhood of Electrical Workers-A

Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5533A	Preventative Maintenance Coordinator-A	Step A	31.8913	2551.30	5527.83	66333.90
		Step B	33.4859	2678.87	5804.22	69650.67
		Step C	35.1602	2812.82	6094.43	73133.22
		Step D	36.9182	2953.46	6399.15	76789.86
		Step E	38.7641	3101.13	6719.11	80629.33
		Step F	40.7023	3256.18	7055.07	84660.78
		Step G	42.7374	3418.99	7407.82	88893.79
		Step H	44.8743	3589.94	7778.21	93338.54
5500A	Preventative Maintenance Technician I-A	Step A	29.9887	2399.10	5198.04	62376.50
		Step B	31.4882	2519.06	5457.95	65495.46
		Step C	33.0626	2645.01	5730.85	68770.21
		Step D	34.7157	2777.26	6017.39	72208.66
		Step E	36.4515	2916.12	6318.26	75819.12
		Step F	38.2741	3061.93	6634.18	79610.13
		Step G	40.1878	3215.02	6965.89	83590.62
		Step H	42.1972	3375.78	7314.18	87770.18

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5502A	Preventative Maintenance Technician II-A	Step A	32.9876	2639.01	5717.85	68614.21
		Step B	34.6370	2770.96	6003.75	72044.96
		Step C	36.3689	2909.51	6303.94	75647.31
		Step D	38.1873	3054.98	6619.13	79429.58
		Step E	40.0967	3207.74	6950.09	83401.14
		Step F	42.1015	3368.12	7297.59	87571.12
		Step G	44.2066	3536.53	7662.48	91949.73
		Step H	46.4169	3713.35	8045.60	96547.15
7020A	SCADA System Technician-A	Step A	37.9355	3034.84	6575.49	78905.84
		Step B	39.8323	3186.58	6904.27	82851.18
		Step C	41.8239	3345.91	7249.48	86993.71
		Step D	43.9151	3513.21	7611.95	91343.41
		Step E	46.1109	3688.87	7992.56	95910.67
		Step F	48.4164	3873.31	8392.18	100706.11
		Step G	50.8372	4066.98	8811.78	105741.38
		Step H	53.3791	4270.33	9252.38	111028.53

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7118A	Senior Electric Line Technician-A	Step A	59.3428	4747.42	10286.09	123433.02
		Step B	62.3099	4984.79	10800.38	129604.59
		Step C	65.4254	5234.03	11340.40	136084.83
		Step D	68.6967	5495.74	11907.43	142889.14
		Step E	72.1315	5770.52	12502.79	150033.52
		Step F	75.7382	6059.06	13127.95	157535.46
		Step G	79.5251	6362.01	13784.35	165412.21
		Step H	83.5012	6680.10	14473.54	173682.50
7169A	Senior Electric Materials Technician-A	Step A	37.5244	3001.95	6504.23	78050.75
		Step B	39.4005	3152.04	6829.42	81953.04
		Step C	41.3706	3309.65	7170.90	86050.85
		Step D	43.4391	3475.13	7529.44	90353.33
		Step E	45.6111	3648.89	7905.92	94871.09
		Step F	47.8916	3831.33	8301.21	99614.53
		Step G	50.2862	4022.90	8716.27	104595.30
		Step H	52.8005	4224.04	9152.09	109825.04

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1036A	Senior Electric Metering Systems Technician - A	Step A	55.8687	4469.50	9683.91	116206.90
		Step B	58.6622	4692.98	10168.11	122017.38
		Step C	61.5953	4927.62	10676.52	128118.22
		Step D	64.6751	5174.01	11210.35	134524.21
		Step E	67.9088	5432.70	11770.86	141250.30
		Step F	71.3043	5704.34	12359.41	148312.94
		Step G	74.8695	5989.56	12977.38	155728.56
		Step H	78.6130	6289.04	13626.25	163515.04
7126A	Senior Electric Substation Technician-A	Step A	57.0544	4564.35	9889.43	118673.15
		Step B	59.9072	4792.58	10383.91	124606.98
		Step C	62.9024	5032.19	10903.08	130836.99
		Step D	66.0477	5283.82	11448.27	137379.22
		Step E	69.3501	5548.01	12020.68	144248.21
		Step F	72.8175	5825.40	12621.70	151460.40
		Step G	76.4585	6116.68	13252.81	159033.68
		Step H	80.2813	6422.50	13915.43	166985.10

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7168A	Senior Electric System Dispatcher-A	Step A	65.2770	5222.16	11314.68	135776.16
		Step B	68.5409	5483.27	11880.42	142565.07
		Step C	71.9678	5757.42	12474.42	149693.02
		Step D	75.5663	6045.30	13098.16	157177.90
		Step E	79.3446	6347.57	13753.06	165036.77
		Step F	83.3118	6664.94	14440.71	173288.54
		Step G	87.4774	6998.19	15162.75	181952.99
		Step H	91.8513	7348.10	15920.89	191050.70
7170A	Senior Electronic Technician-A	Step A	41.7292	3338.34	7233.06	86796.74
		Step B	43.8157	3505.26	7594.72	91136.66
		Step C	46.0064	3680.51	7974.44	95693.31
		Step D	48.3068	3864.54	8373.18	100478.14
		Step E	50.7221	4057.77	8791.83	105501.97
		Step F	53.2582	4260.66	9231.42	110777.06
		Step G	55.9211	4473.69	9692.99	116315.89
		Step H	58.7172	4697.38	10177.65	122131.78

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7205A	Senior Plant and Equipment Mechanic-A	Step A	32.4886	2599.09	5631.36	67576.29
		Step B	34.1129	2729.03	5912.90	70954.83
		Step C	35.8187	2865.50	6208.57	74502.90
		Step D	37.6097	3008.78	6519.01	78228.18
		Step E	39.4901	3159.21	6844.95	82139.41
		Step F	41.4646	3317.17	7187.20	86246.37
		Step G	43.5378	3483.02	7546.55	90558.62
		Step H	45.7147	3657.18	7923.88	95086.58
7152A	Senior Power Plant Operator Technician-A	Step A	54.2386	4339.09	9401.36	112816.29
		Step B	56.9507	4556.06	9871.45	118457.46
		Step C	59.7982	4783.86	10365.02	124380.26
		Step D	62.7881	5023.05	10883.27	130599.25
		Step E	65.9275	5274.20	11427.43	137129.20
		Step F	69.2239	5537.91	11998.81	143985.71
		Step G	72.6851	5814.81	12598.75	151185.01
		Step H	76.3194	6105.55	13228.70	158744.35

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7284A	Senior Preventative Maintenance Technician-A	Step A	41.8235	3345.88	7249.41	86992.88
		Step B	43.9147	3513.18	7611.88	91342.58
		Step C	46.1105	3688.84	7992.49	95909.84
		Step D	48.4160	3873.28	8392.11	100705.28
		Step E	50.8368	4066.94	8811.71	105740.54
		Step F	53.3786	4270.29	9252.29	111027.49
		Step G	56.0475	4483.80	9714.90	116578.80
		Step H	58.8499	4707.99	10200.65	122407.79
9559A	Senior SCADA System Technician-A	Step A	41.7291	3338.33	7233.04	86796.53
		Step B	43.8156	3505.25	7594.70	91136.45
		Step C	46.0063	3680.50	7974.43	95693.10
		Step D	48.3066	3864.53	8373.14	100477.73
		Step E	50.7220	4057.76	8791.81	105501.76
		Step F	53.2581	4260.65	9231.40	110776.85
		Step G	55.9210	4473.68	9692.97	116315.68
		Step H	58.7170	4697.36	10177.61	122131.36

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7202A	Senior Wastewater Utility Maintenance Worker-A	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	30.3754	2430.03	5265.07	63180.83
		Step C	31.8942	2551.54	5528.33	66339.94
		Step D	33.4889	2679.11	5804.74	69656.91
		Step E	35.1633	2813.06	6094.97	73139.66
		Step F	36.9214	2953.71	6399.71	76796.51
		Step G	38.7675	3101.40	6719.70	80636.40
		Step H	40.7059	3256.47	7055.69	84668.27
7204A	Senior Water Distribution Worker-A	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	30.3754	2430.03	5265.07	63180.83
		Step C	31.8942	2551.54	5528.33	66339.94
		Step D	33.4889	2679.11	5804.74	69656.91
		Step E	35.1633	2813.06	6094.97	73139.66
		Step F	36.9214	2953.71	6399.71	76796.51
		Step G	38.7675	3101.40	6719.70	80636.40
		Step H	40.7059	3256.47	7055.69	84668.27

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2375A	Traffic Signal Maintenance Worker I-A	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	27.5631	2205.05	4777.60	57331.25
		Step C	28.9412	2315.30	5016.47	60197.70
		Step D	30.3882	2431.06	5267.29	63207.46
		Step E	31.9077	2552.62	5530.67	66368.02
		Step F	33.5029	2680.23	5807.17	69686.03
		Step G	35.1782	2814.26	6097.55	73170.66
		Step H	36.9371	2954.97	6402.43	76829.17
2376A	Traffic Signal Maintenance Worker II-A	Step A	28.8755	2310.04	5005.09	60061.04
		Step B	30.3194	2425.55	5255.36	63064.35
		Step C	31.8353	2546.82	5518.12	66217.42
		Step D	33.4270	2674.16	5794.01	69528.16
		Step E	35.0984	2807.87	6083.72	73004.67
		Step F	36.8533	2948.26	6387.91	76654.86
		Step G	38.6959	3095.67	6707.29	80487.47
		Step H	40.6308	3250.46	7042.67	84512.06

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9027A	Wastewater Utility Maintenance Worker I-A	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	25.0581	2004.65	4343.40	52120.85
		Step C	26.3110	2104.88	4560.57	54726.88
		Step D	27.6265	2210.12	4788.59	57463.12
		Step E	29.0079	2320.63	5028.04	60336.43
		Step F	30.4583	2436.66	5279.44	63353.26
		Step G	31.9812	2558.50	5543.41	66520.90
		Step H	33.5803	2686.42	5820.59	69847.02
9029A	Wastewater Utility Maintenance Worker II-A	Step A	26.2508	2100.06	4550.14	54601.66
		Step B	27.5634	2205.07	4777.66	57331.87
		Step C	28.9415	2315.32	5016.53	60198.32
		Step D	30.3885	2431.08	5267.34	63208.08
		Step E	31.9080	2552.64	5530.72	66368.64
		Step F	33.5033	2680.26	5807.24	69686.86
		Step G	35.1786	2814.29	6097.62	73171.49
		Step H	36.9375	2955.00	6402.50	76830.00

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9078A	Water Conservation Specialist-A	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	30.3754	2430.03	5265.07	63180.83
		Step C	31.8942	2551.54	5528.33	66339.94
		Step D	33.4889	2679.11	5804.74	69656.91
		Step E	35.1633	2813.06	6094.97	73139.66
		Step F	36.9214	2953.71	6399.71	76796.51
		Step G	38.7675	3101.40	6719.70	80636.40
		Step H	40.7059	3256.47	7055.69	84668.27
9049A	Water Conservation Worker I-A	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	25.0581	2004.65	4343.40	52120.85
		Step C	26.3110	2104.88	4560.57	54726.88
		Step D	27.6265	2210.12	4788.59	57463.12
		Step E	29.0079	2320.63	5028.04	60336.43
		Step F	30.4583	2436.66	5279.44	63353.26
		Step G	31.9812	2558.50	5543.41	66520.90
		Step H	33.5803	2686.42	5820.59	69847.02

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9051A	Water Conservation Worker II-A	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	27.5631	2205.05	4777.60	57331.25
		Step C	28.9412	2315.30	5016.47	60197.70
		Step D	30.3882	2431.06	5267.29	63207.46
		Step E	31.9077	2552.62	5530.67	66368.02
		Step F	33.5029	2680.23	5807.17	69686.03
		Step G	35.1782	2814.26	6097.55	73170.66
		Step H	36.9371	2954.97	6402.43	76829.17
9246A	Water Distribution Worker I-A	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	25.0581	2004.65	4343.40	52120.85
		Step C	26.3110	2104.88	4560.57	54726.88
		Step D	27.6265	2210.12	4788.59	57463.12
		Step E	29.0079	2320.63	5028.04	60336.43
		Step F	30.4583	2436.66	5279.44	63353.26
		Step G	31.9812	2558.50	5543.41	66520.90
		Step H	33.5803	2686.42	5820.59	69847.02

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9248A	Water Distribution Worker II-A	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	27.5631	2205.05	4777.60	57331.25
		Step C	28.9412	2315.30	5016.47	60197.70
		Step D	30.3882	2431.06	5267.29	63207.46
		Step E	31.9077	2552.62	5530.67	66368.02
		Step F	33.5029	2680.23	5807.17	69686.03
		Step G	35.1782	2814.26	6097.55	73170.66
		Step H	36.9371	2954.97	6402.43	76829.17

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Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0150B	Electric Apprentice Line Technician-B	Step A	49.3402	3947.22	8552.30	102627.62
		Step B	53.1357	4250.86	9210.19	110522.26
		Step C	56.9311	4554.49	9868.06	118416.69
		Step D	60.7265	4858.12	10525.93	126311.12
		Step E	64.5220	5161.76	11183.81	134205.76
		Step F	68.3173	5465.38	11841.67	142099.98

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Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2328B	Electric Drafting Technician I-B	Step A	32.1965	2575.72	5580.73	66968.72
		Step B	32.9914	2639.31	5718.51	68622.11
		Step C	33.8062	2704.50	5859.74	70316.90
		Step D	34.6410	2771.28	6004.44	72053.28
		Step E	35.4965	2839.72	6152.73	73832.72
		Step F	36.3731	2909.85	6304.67	75656.05
		Step G	37.2713	2981.70	6460.36	77524.30
		Step H	38.1918	3055.34	6619.91	79438.94
		Step I	39.1349	3130.79	6783.38	81400.59
		Step J	40.1014	3208.11	6950.91	83410.91
		Step K	41.0917	3287.34	7122.56	85470.74
		Step L	42.1065	3368.52	7298.46	87581.52
		Step M	43.1463	3451.70	7478.69	89744.30
		Step N	44.2118	3536.94	7663.38	91960.54
		Step O	45.3037	3624.30	7852.64	94231.70

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Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2330B	Electric Drafting Technician II-B	Step A	35.4150	2833.20	6138.60	73663.20
		Step B	36.2896	2903.17	6290.20	75482.37
		Step C	37.1858	2974.86	6445.54	77346.46
		Step D	38.1041	3048.33	6604.71	79256.53
		Step E	39.0451	3123.61	6767.82	81213.81
		Step F	40.0093	3200.74	6934.95	83219.34
		Step G	40.9973	3279.78	7106.20	85274.38
		Step H	42.0099	3360.79	7281.72	87380.59
		Step I	43.0472	3443.78	7461.51	89538.18
		Step J	44.1104	3528.83	7645.80	91749.63
		Step K	45.1997	3615.98	7834.61	94015.38
		Step L	46.3158	3705.26	8028.07	96336.86
		Step M	47.4596	3796.77	8226.33	98715.97
		Step N	48.6317	3890.54	8429.49	101153.94
		Step O	49.8326	3986.61	8637.65	103651.81

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Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2340B	Electric Engineering Technician I-B	Step A	40.3298	3226.38	6990.50	83885.98
		Step B	41.3255	3306.04	7163.09	85957.04
		Step C	42.3461	3387.69	7339.99	88079.89
		Step D	43.3919	3471.35	7521.26	90255.15
		Step E	44.4634	3557.07	7706.99	92483.87
		Step F	45.5615	3644.92	7897.33	94767.92
		Step G	46.6867	3734.94	8092.36	97108.34
		Step H	47.8396	3827.17	8292.20	99506.37
		Step I	49.0211	3921.69	8496.99	101963.89
		Step J	50.2316	4018.53	8706.81	104481.73
		Step K	51.4721	4117.77	8921.83	107061.97
		Step L	52.7432	4219.46	9142.15	109705.86
		Step M	54.0458	4323.66	9367.94	112415.26
		Step N	55.3804	4430.43	9599.27	115191.23
		Step O	56.7481	4539.85	9836.34	118036.05

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2345B	Electric Engineering Technician II-B	Step A	44.3627	3549.02	7689.53	92274.42
		Step B	45.4581	3636.65	7879.40	94552.85
		Step C	46.5807	3726.46	8073.99	96887.86
		Step D	47.7311	3818.49	8273.39	99280.69
		Step E	48.9098	3912.78	8477.70	101732.38
		Step F	50.1177	4009.42	8687.07	104244.82
		Step G	51.3552	4108.42	8901.57	106818.82
		Step H	52.6235	4209.88	9121.41	109456.88
		Step I	53.9231	4313.85	9346.67	112160.05
		Step J	55.2548	4420.38	9577.50	114929.98
		Step K	56.6192	4529.54	9813.99	117767.94
		Step L	58.0175	4641.40	10056.37	120676.40
		Step M	59.4503	4756.02	10304.72	123656.62
		Step N	60.9184	4873.47	10559.19	126710.27
		Step O	62.4229	4993.83	10819.97	129839.63
2285B	Electric Line Technician-B	Step A	75.9081	6072.65	13157.40	157888.85

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2286B	Electric Line Troubleshooter-B	Step A	56.6450	4531.60	9818.47	117821.60
		Step B	58.0440	4643.52	10060.96	120731.52
		Step C	59.4774	4758.19	10309.42	123712.99
		Step D	60.9461	4875.69	10563.99	126767.89
		Step E	62.4512	4996.10	10824.87	129898.50
		Step F	63.9935	5119.48	11092.21	133106.48
		Step G	65.5739	5245.91	11366.14	136393.71
		Step H	67.1933	5375.46	11646.84	139762.06
		Step I	68.8527	5508.22	11934.47	143213.62
		Step J	70.5529	5644.23	12229.17	146750.03
		Step K	72.2953	5783.62	12531.19	150374.22
		Step L	74.0807	5926.46	12840.65	154087.86
		Step M	75.9100	6072.80	13157.73	157892.80
		Step N	77.7848	6222.78	13482.70	161792.38
		Step O	79.7057	6376.46	13815.65	165787.86

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2210B	Electric Materials Technician I-B	Step A	31.0119	2480.95	5375.40	64504.75
		Step B	31.7775	2542.20	5508.10	66097.20
		Step C	32.5623	2604.98	5644.13	67729.58
		Step D	33.3664	2669.31	5783.51	69402.11
		Step E	34.1905	2735.24	5926.35	71116.24
		Step F	35.0348	2802.78	6072.70	72872.38
		Step G	35.9000	2872.00	6222.67	74672.00
		Step H	36.7865	2942.92	6376.33	76515.92
		Step I	37.6951	3015.61	6533.82	78405.81
		Step J	38.6259	3090.07	6695.16	80341.87
		Step K	39.5798	3166.38	6860.50	82325.98
		Step L	40.5572	3244.58	7029.91	84358.98
		Step M	41.5589	3324.71	7203.54	86442.51
		Step N	42.5851	3406.81	7381.42	88577.01
		Step O	43.6368	3490.94	7563.71	90764.54

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2212B	Electric Materials Technician II-B	Step A	34.1130	2729.04	5912.92	70955.04
		Step B	34.9553	2796.42	6058.92	72707.02
		Step C	35.8185	2865.48	6208.54	74502.48
		Step D	36.7031	2936.25	6361.87	76342.45
		Step E	37.6096	3008.77	6519.00	78227.97
		Step F	38.5383	3083.06	6679.97	80159.66
		Step G	39.4900	3159.20	6844.93	82139.20
		Step H	40.4652	3237.22	7013.97	84167.62
		Step I	41.4646	3317.17	7187.20	86246.37
		Step J	42.4885	3399.08	7364.67	88376.08
		Step K	43.5377	3483.02	7546.53	90558.42
		Step L	44.6129	3569.03	7732.90	92794.83
		Step M	45.7147	3657.18	7923.88	95086.58
		Step N	46.8436	3747.49	8119.56	97434.69
		Step O	48.0005	3840.04	8320.09	99841.04

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1031B	Electric Metering Systems Technician I - B	Step A	46.1721	3693.77	8003.16	96037.97
		Step B	47.3122	3784.98	8200.78	98409.38
		Step C	48.4806	3878.45	8403.30	100839.65
		Step D	49.6779	3974.23	8610.84	103330.03
		Step E	50.9046	4072.37	8823.46	105881.57
		Step F	52.1618	4172.94	9041.38	108496.54
		Step G	53.4499	4275.99	9264.65	111175.79
		Step H	54.7699	4381.59	9493.45	113921.39
		Step I	56.1225	4489.80	9727.90	116734.80
		Step J	57.5084	4600.67	9968.12	119617.47
		Step K	58.9286	4714.29	10214.29	122571.49
		Step L	60.3839	4830.71	10466.54	125598.51
		Step M	61.8750	4950.00	10725.00	128700.00
		Step N	63.4031	5072.25	10989.87	131878.45
		Step O	64.9688	5197.50	11261.26	135135.10

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1033B	Electric Metering Systems Technician II - B	Step A	50.7894	4063.15	8803.50	105641.95
		Step B	52.0434	4163.47	9020.86	108250.27
		Step C	53.3286	4266.29	9243.62	110923.49
		Step D	54.6456	4371.65	9471.90	113662.85
		Step E	55.9951	4479.61	9705.82	116469.81
		Step F	57.3780	4590.24	9945.52	119346.24
		Step G	58.7949	4703.59	10191.12	122293.39
		Step H	60.2468	4819.74	10442.78	125313.34
		Step I	61.7347	4938.78	10700.68	128408.18
		Step J	63.2592	5060.74	10964.93	131579.14
		Step K	64.8214	5185.71	11235.71	134828.51
		Step L	66.4222	5313.78	11513.18	138158.18
		Step M	68.0626	5445.01	11797.52	141570.21
		Step N	69.7434	5579.47	12088.86	145066.27
		Step O	71.4657	5717.26	12387.39	148648.66

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2421B	Electric Pre-Apprentice-B	Step A	32.0712	2565.70	5559.01	66708.10
		Step B	34.5382	2763.06	5986.62	71839.46
		Step C	37.0052	2960.42	6414.23	76970.82
		Step D	39.4722	3157.78	6841.85	82102.18
		Step E	41.9393	3355.14	7269.48	87233.74
		Step F	44.4063	3552.50	7697.09	92365.10

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2254B	Electric Preventive Data System Technician-B	Step A	28.1926	2255.41	4886.72	58640.61
		Step B	28.8886	2311.09	5007.36	60088.29
		Step C	29.6021	2368.17	5131.03	61572.37
		Step D	30.3331	2426.65	5257.74	63092.85
		Step E	31.0822	2486.58	5387.58	64650.98
		Step F	31.8498	2547.98	5520.63	66247.58
		Step G	32.6363	2610.90	5656.96	67883.50
		Step H	33.4422	2675.38	5796.65	69559.78
		Step I	34.2682	2741.46	5939.82	71277.86
		Step J	35.1143	2809.14	6086.48	73037.74
		Step K	35.9816	2878.53	6236.81	74841.73
		Step L	36.8701	2949.61	6390.82	76689.81
		Step M	37.7807	3022.46	6548.65	78583.86
		Step N	38.7138	3097.10	6710.39	80524.70
		Step O	39.6698	3173.58	6876.10	82513.18

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1034B	Electric Substation Technician I - B	Step A	47.1538	3772.30	8173.33	98079.90
		Step B	48.3181	3865.45	8375.14	100501.65
		Step C	49.5114	3960.91	8581.98	102983.71
		Step D	50.7341	4058.73	8793.91	105526.93
		Step E	51.9869	4158.95	9011.06	108132.75
		Step F	53.2707	4261.66	9233.59	110803.06
		Step G	54.5863	4366.90	9461.63	113539.50
		Step H	55.9344	4474.75	9695.30	116343.55
		Step I	57.3156	4585.25	9934.70	119216.45
		Step J	58.7311	4698.49	10180.06	122160.69
		Step K	60.1815	4814.52	10431.46	125177.52
		Step L	61.6677	4933.42	10689.07	128268.82
		Step M	63.1906	5055.25	10953.04	131436.45
		Step N	64.7511	5180.09	11223.52	134682.29
		Step O	66.3501	5308.01	11500.68	138008.21

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1035B	Electric Substation Technician II - B	Step A	51.8692	4149.54	8990.66	107887.94
		Step B	53.1499	4251.99	9212.65	110551.79
		Step C	54.4624	4356.99	9440.15	113281.79
		Step D	55.8075	4464.60	9673.30	116079.60
		Step E	57.1856	4574.85	9912.17	118946.05
		Step F	58.5978	4687.82	10156.95	121883.42
		Step G	60.0449	4803.59	10407.78	124893.39
		Step H	61.5278	4922.22	10664.82	127977.82
		Step I	63.0472	5043.78	10928.18	131138.18
		Step J	64.6042	5168.34	11198.06	134376.74
		Step K	66.1997	5295.98	11474.61	137695.38
		Step L	67.8345	5426.76	11757.98	141095.76
		Step M	69.5096	5560.77	12048.33	144579.97
		Step N	71.2262	5698.10	12345.87	148150.50
		Step O	72.9852	5838.82	12650.77	151809.22

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2350B	Electric System Dispatcher-B	Step A	59.3428	4747.42	10286.09	123433.02
		Step B	60.8080	4864.64	10540.05	126480.64
		Step C	62.3097	4984.78	10800.35	129604.18
		Step D	63.8484	5107.87	11067.06	132804.67
		Step E	65.4253	5234.02	11340.39	136084.62
		Step F	67.0409	5363.27	11620.42	139445.07
		Step G	68.6965	5495.72	11907.39	142888.72
		Step H	70.3931	5631.45	12201.47	146417.65
		Step I	72.1313	5770.50	12502.76	150033.10
		Step J	73.9126	5913.01	12811.52	153738.21
		Step K	75.7381	6059.05	13127.94	157535.25
		Step L	77.6084	6208.67	13452.12	161425.47
		Step M	79.5250	6362.00	13784.33	165412.00
		Step N	81.4889	6519.11	14124.74	169496.91
		Step O	83.5012	6680.10	14473.54	173682.50

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2359B	Electric Technology System Technician-B	Step A	49.3080	3944.64	8546.72	102560.64
		Step B	50.5253	4042.02	8757.72	105092.62
		Step C	51.7731	4141.85	8974.00	107688.05
		Step D	53.0517	4244.14	9195.63	110347.54
		Step E	54.3618	4348.94	9422.71	113072.54
		Step F	55.7044	4456.35	9655.43	115865.15
		Step G	57.0800	4566.40	9893.87	118726.40
		Step H	58.4896	4679.17	10138.20	121658.37
		Step I	59.9340	4794.72	10388.56	124662.72
		Step J	61.4140	4913.12	10645.09	127741.12
		Step K	62.9307	5034.46	10907.99	130895.86
		Step L	64.4849	5158.79	11177.38	134128.59
		Step M	66.0774	5286.19	11453.42	137440.99
		Step N	67.7091	5416.73	11736.24	140834.93
		Step O	69.3812	5550.50	12026.07	144312.90

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9250B	Electric Utility Inspection Technician-B	Step A	49.0436	3923.49	8500.89	102010.69
		Step B	50.2545	4020.36	8710.78	104529.36
		Step C	51.4956	4119.65	8925.90	107110.85
		Step D	52.7672	4221.38	9146.31	109755.78
		Step E	54.0704	4325.63	9372.20	112466.43
		Step F	55.4057	4432.46	9603.65	115243.86
		Step G	56.7739	4541.91	9840.81	118089.71
		Step H	58.1759	4654.07	10083.82	121005.87
		Step I	59.6127	4769.02	10332.87	123994.42
		Step J	61.0848	4886.78	10588.03	127056.38
		Step K	62.5933	5007.46	10849.51	130194.06
		Step L	64.1390	5131.12	11117.43	133409.12
		Step M	65.7231	5257.85	11392.00	136704.05
		Step N	67.3461	5387.69	11673.32	140079.89
		Step O	69.0092	5520.74	11961.59	143539.14

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2380B	Electronics Technician I-B	Step A	32.1421	2571.37	5571.30	66855.57
		Step B	32.9359	2634.87	5708.89	68506.67
		Step C	33.7493	2699.94	5849.88	70198.54
		Step D	34.5827	2766.62	5994.33	71932.02
		Step E	35.4367	2834.94	6142.36	73708.34
		Step F	36.3118	2904.94	6294.05	75528.54
		Step G	37.2085	2976.68	6449.47	77393.68
		Step H	38.1274	3050.19	6608.75	79304.99
		Step I	39.0690	3125.52	6771.96	81263.52
		Step J	40.0338	3202.70	6939.19	83270.30
		Step K	41.0225	3281.80	7110.57	85326.80
		Step L	42.0356	3362.85	7286.17	87434.05
		Step M	43.0736	3445.89	7466.09	89593.09
		Step N	44.1374	3530.99	7650.48	91805.79
		Step O	45.2273	3618.18	7839.40	94072.78

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2385B	Electronics Technician II-B	Step A	35.3563	2828.50	6128.43	73541.10
		Step B	36.2294	2898.35	6279.76	75357.15
		Step C	37.1240	2969.92	6434.83	77217.92
		Step D	38.0409	3043.27	6593.76	79125.07
		Step E	38.9803	3118.42	6756.59	81079.02
		Step F	39.9430	3195.44	6923.45	83081.44
		Step G	40.9294	3274.35	7094.43	85133.15
		Step H	41.9401	3355.21	7269.62	87235.41
		Step I	42.9758	3438.06	7449.14	89389.66
		Step J	44.0372	3522.98	7633.11	91597.38
		Step K	45.1246	3609.97	7821.60	93859.17
		Step L	46.2390	3699.12	8014.76	96177.12
		Step M	47.3810	3790.48	8212.71	98552.48
		Step N	48.5511	3884.09	8415.52	100986.29
		Step O	49.7500	3980.00	8623.33	103480.00

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1037B	Environmental Utilities Instrument and Control Technician I - B	Step A	32.1421	2571.37	5571.30	66855.57
		Step B	32.9359	2634.87	5708.89	68506.67
		Step C	33.7493	2699.94	5849.88	70198.54
		Step D	34.5827	2766.62	5994.33	71932.02
		Step E	35.4367	2834.94	6142.36	73708.34
		Step F	36.3118	2904.94	6294.05	75528.54
		Step G	37.2085	2976.68	6449.47	77393.68
		Step H	38.1274	3050.19	6608.75	79304.99
		Step I	39.0690	3125.52	6771.96	81263.52
		Step J	40.0338	3202.70	6939.19	83270.30
		Step K	41.0225	3281.80	7110.57	85326.80
		Step L	42.0356	3362.85	7286.17	87434.05
		Step M	43.0736	3445.89	7466.09	89593.09
		Step N	44.1374	3530.99	7650.48	91805.79
		Step O	45.2273	3618.18	7839.40	94072.78

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1038B	Environmental Utilities Instrument and Control Technician II - B	Step A	35.3563	2828.50	6128.43	73541.10
		Step B	36.2294	2898.35	6279.76	75357.15
		Step C	37.1240	2969.92	6434.83	77217.92
		Step D	38.0409	3043.27	6593.76	79125.07
		Step E	38.9803	3118.42	6756.59	81079.02
		Step F	39.9430	3195.44	6923.45	83081.44
		Step G	40.9294	3274.35	7094.43	85133.15
		Step H	41.9401	3355.21	7269.62	87235.41
		Step I	42.9758	3438.06	7449.14	89389.66
		Step J	44.0372	3522.98	7633.11	91597.38
		Step K	45.1246	3609.97	7821.60	93859.17
		Step L	46.2390	3699.12	8014.76	96177.12
		Step M	47.3810	3790.48	8212.71	98552.48
		Step N	48.5511	3884.09	8415.52	100986.29
		Step O	49.7500	3980.00	8623.33	103480.00

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Appendix:D
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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3608B	Instrument and Control Technician-B	Step A	51.7746	4141.97	8974.26	107691.17
		Step B	53.0530	4244.24	9195.85	110350.24
		Step C	54.3631	4349.05	9422.94	113075.25
		Step D	55.7056	4456.45	9655.64	115867.65
		Step E	57.0814	4566.51	9894.11	118729.31
		Step F	58.4911	4679.29	10138.46	121661.49
		Step G	59.9355	4794.84	10388.82	124665.84
		Step H	61.4156	4913.25	10645.37	127744.45
		Step I	62.9323	5034.58	10908.27	130899.18
		Step J	64.4865	5158.92	11177.66	134131.92
		Step K	66.0790	5286.32	11453.69	137444.32
		Step L	67.7108	5416.86	11736.54	140838.46
		Step M	69.3829	5550.63	12026.37	144316.43
		Step N	71.0963	5687.70	12323.36	147880.30
		Step O	72.8521	5828.17	12627.70	151532.37

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Salary Schedule: International Brotherhood of Electrical Workers-B

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4520B	Materials Technician-B	Step A	32.4886	2599.09	5631.36	67576.29
		Step B	33.2908	2663.26	5770.41	69244.86
		Step C	34.1128	2729.02	5912.89	70954.62
		Step D	34.9553	2796.42	6058.92	72707.02
		Step E	35.8185	2865.48	6208.54	74502.48
		Step F	36.7031	2936.25	6361.87	76342.45
		Step G	37.6096	3008.77	6519.00	78227.97
		Step H	38.5383	3083.06	6679.97	80159.66
		Step I	39.4900	3159.20	6844.93	82139.20
		Step J	40.4652	3237.22	7013.97	84167.62
		Step K	41.4646	3317.17	7187.20	86246.37
		Step L	42.4885	3399.08	7364.67	88376.08
		Step M	43.5377	3483.02	7546.53	90558.42
		Step N	44.6130	3569.04	7732.92	92795.04
		Step O	45.7147	3657.18	7923.88	95086.58

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5316B	Plant and Equipment Maintenance Worker I-B	Step A	22.1901	1775.21	3846.28	46155.41
		Step B	22.7381	1819.05	3941.27	47295.25
		Step C	23.2996	1863.97	4038.60	48463.17
		Step D	23.8750	1910.00	4138.33	49660.00
		Step E	24.4645	1957.16	4240.51	50886.16
		Step F	25.0687	2005.50	4345.24	52142.90
		Step G	25.6877	2055.02	4452.53	53430.42
		Step H	26.3222	2105.78	4562.51	54750.18
		Step I	26.9722	2157.78	4675.18	56102.18
		Step J	27.6383	2211.06	4790.64	57487.66
		Step K	28.3208	2265.66	4908.94	58907.26
		Step L	29.0202	2321.62	5030.17	60362.02
		Step M	29.7369	2378.95	5154.40	61852.75
		Step N	30.4712	2437.70	5281.67	63380.10
		Step O	31.2238	2497.90	5412.13	64945.50

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5319B	Plant and Equipment Maintenance Worker II-B	Step A	24.4091	1952.73	4230.91	50770.93
		Step B	25.0119	2000.95	4335.40	52024.75
		Step C	25.6295	2050.36	4442.45	53309.36
		Step D	26.2624	2100.99	4552.15	54625.79
		Step E	26.9110	2152.88	4664.57	55974.88
		Step F	27.5755	2206.04	4779.75	57357.04
		Step G	28.2565	2260.52	4897.79	58773.52
		Step H	28.9543	2316.34	5018.75	60224.94
		Step I	29.6695	2373.56	5142.71	61712.56
		Step J	30.4022	2432.18	5269.71	63236.58
		Step K	31.1529	2492.23	5399.84	64798.03
		Step L	31.9223	2553.78	5533.20	66398.38
		Step M	32.7106	2616.85	5669.84	68038.05
		Step N	33.5185	2681.48	5809.87	69718.48
		Step O	34.3462	2747.70	5953.34	71440.10

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5327B	Plant and Equipment Mechanic I-B	Step A	26.8502	2148.02	4654.03	55848.42
		Step B	27.5131	2201.05	4768.94	57227.25
		Step C	28.1925	2255.40	4886.70	58640.40
		Step D	28.8886	2311.09	5007.36	60088.29
		Step E	29.6021	2368.17	5131.03	61572.37
		Step F	30.3331	2426.65	5257.74	63092.85
		Step G	31.0822	2486.58	5387.58	64650.98
		Step H	31.8498	2547.98	5520.63	66247.58
		Step I	32.6363	2610.90	5656.96	67883.50
		Step J	33.4423	2675.38	5796.67	69559.98
		Step K	34.2682	2741.46	5939.82	71277.86
		Step L	35.1145	2809.16	6086.51	73038.16
		Step M	35.9816	2878.53	6236.81	74841.73
		Step N	36.8702	2949.62	6390.83	76690.02
		Step O	37.7808	3022.46	6548.67	78584.06

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5328B	Plant and Equipment Mechanic II-B	Step A	29.5346	2362.77	5119.33	61431.97
		Step B	30.2638	2421.10	5245.73	62948.70
		Step C	31.0112	2480.90	5375.27	64503.30
		Step D	31.7770	2542.16	5508.01	66096.16
		Step E	32.5618	2604.94	5644.05	67728.54
		Step F	33.3659	2669.27	5783.42	69401.07
		Step G	34.1899	2735.19	5926.25	71114.99
		Step H	35.0342	2802.74	6072.59	72871.14
		Step I	35.8994	2871.95	6222.56	74670.75
		Step J	36.7859	2942.87	6376.22	76514.67
		Step K	37.6944	3015.55	6533.70	78404.35
		Step L	38.6252	3090.02	6695.03	80340.42
		Step M	39.5791	3166.33	6860.38	82324.53
		Step N	40.5566	3244.53	7029.81	84357.73
		Step O	41.5581	3324.65	7203.40	86440.85

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5595B	Power Engineer I-B	Step A	47.7248	3817.98	8272.30	99267.58
		Step B	48.9032	3912.26	8476.55	101718.66
		Step C	50.1108	4008.86	8685.87	104230.46
		Step D	51.3483	4107.86	8900.37	106804.46
		Step E	52.6163	4209.30	9120.16	109441.90
		Step F	53.9158	4313.26	9345.41	112144.86
		Step G	55.2472	4419.78	9576.18	114914.18
		Step H	56.6115	4528.92	9812.66	117751.92
		Step I	58.0096	4640.77	10055.00	120659.97
		Step J	59.4422	4755.38	10303.31	123639.78
		Step K	60.9102	4872.82	10557.77	126693.22
		Step L	62.4144	4993.15	10818.50	129821.95
		Step M	63.9558	5116.46	11085.67	133028.06
		Step N	65.5352	5242.82	11359.43	136313.22
		Step O	67.1536	5372.29	11639.96	139679.49

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5596B	Power Engineer II-B	Step A	52.4986	4199.89	9099.76	109197.09
		Step B	53.7949	4303.59	9324.45	111893.39
		Step C	55.1235	4409.88	9554.74	114656.88
		Step D	56.4847	4518.78	9790.68	117488.18
		Step E	57.8796	4630.37	10032.46	120389.57
		Step F	59.3090	4744.72	10280.23	123362.72
		Step G	60.7737	4861.90	10534.11	126409.30
		Step H	62.2744	4981.95	10794.23	129530.75
		Step I	63.8124	5104.99	11060.82	132729.79
		Step J	65.3882	5231.06	11333.95	136007.46
		Step K	67.0030	5360.24	11613.85	139366.24
		Step L	68.6577	5492.62	11900.67	142808.02
		Step M	70.3532	5628.26	12194.55	146334.66
		Step N	72.0906	5767.25	12495.70	149948.45
		Step O	73.8709	5909.67	12804.29	153651.47

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5590B	Power Plant Engineer I-B	Step A	47.7248	3817.98	8272.30	99267.58
		Step B	48.9032	3912.26	8476.55	101718.66
		Step C	50.1108	4008.86	8685.87	104230.46
		Step D	51.3483	4107.86	8900.37	106804.46
		Step E	52.6163	4209.30	9120.16	109441.90
		Step F	53.9158	4313.26	9345.41	112144.86
		Step G	55.2472	4419.78	9576.18	114914.18
		Step H	56.6115	4528.92	9812.66	117751.92
		Step I	58.0096	4640.77	10055.00	120659.97
		Step J	59.4422	4755.38	10303.31	123639.78
		Step K	60.9102	4872.82	10557.77	126693.22
		Step L	62.4144	4993.15	10818.50	129821.95
		Step M	63.9558	5116.46	11085.67	133028.06
		Step N	65.5352	5242.82	11359.43	136313.22
		Step O	67.1536	5372.29	11639.96	139679.49

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5591B	Power Plant Engineer II-B	Step A	52.4973	4199.78	9099.53	109194.38
		Step B	53.7935	4303.48	9324.21	111890.48
		Step C	55.1219	4409.75	9554.46	114653.55
		Step D	56.4832	4518.66	9790.42	117485.06
		Step E	57.8781	4630.25	10032.20	120386.45
		Step F	59.3073	4744.58	10279.93	123359.18
		Step G	60.7721	4861.77	10533.83	126405.97
		Step H	62.2728	4981.82	10793.95	129527.42
		Step I	63.8107	5104.86	11060.52	132726.26
		Step J	65.3865	5230.92	11333.66	136003.92
		Step K	67.0013	5360.10	11613.56	139362.70
		Step L	68.6559	5492.47	11900.36	142804.27
		Step M	70.3513	5628.10	12194.23	146330.70
		Step N	72.0886	5767.09	12495.36	149944.29
		Step O	73.8690	5909.52	12803.96	153647.52

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5526B	Power Plant Mechanic-B	Step A	47.0667	3765.34	8158.23	97898.74
		Step B	48.2289	3858.31	8359.68	100316.11
		Step C	49.4199	3953.59	8566.12	102793.39
		Step D	50.6403	4051.22	8777.65	105331.82
		Step E	51.8909	4151.27	8994.42	107933.07
		Step F	53.1724	4253.79	9216.55	110598.59
		Step G	54.4855	4358.84	9444.15	113329.84
		Step H	55.8310	4466.48	9677.37	116128.48
		Step I	57.2098	4576.78	9916.37	118996.38
		Step J	58.6227	4689.82	10161.27	121935.22
		Step K	60.0703	4805.62	10412.19	124946.22
		Step L	61.5537	4924.30	10669.31	128031.70
		Step M	63.0739	5045.91	10932.81	131193.71
		Step N	64.6315	5170.52	11202.79	134433.52
		Step O	66.2276	5298.21	11479.45	137753.41

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5522B	Power Plant Operator Technician I-B	Step A	44.8253	3586.02	7769.72	93236.62
		Step B	45.9321	3674.57	7961.56	95538.77
		Step C	47.0664	3765.31	8158.18	97898.11
		Step D	48.2288	3858.30	8359.66	100315.90
		Step E	49.4198	3953.58	8566.10	102793.18
		Step F	50.6403	4051.22	8777.65	105331.82
		Step G	51.8908	4151.26	8994.41	107932.86
		Step H	53.1723	4253.78	9216.53	110598.38
		Step I	54.4854	4358.83	9444.14	113329.63
		Step J	55.8310	4466.48	9677.37	116128.48
		Step K	57.2096	4576.77	9916.33	118995.97
		Step L	58.6226	4689.81	10161.25	121935.01
		Step M	60.0703	4805.62	10412.19	124946.22
		Step N	61.5537	4924.30	10669.31	128031.70
		Step O	63.0739	5045.91	10932.81	131193.71

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5523B	Power Plant Operator Technician II-B	Step A	49.3080	3944.64	8546.72	102560.64
		Step B	50.5254	4042.03	8757.74	105092.83
		Step C	51.7731	4141.85	8974.00	107688.05
		Step D	53.0518	4244.14	9195.65	110347.74
		Step E	54.3619	4348.95	9422.73	113072.75
		Step F	55.7044	4456.35	9655.43	115865.15
		Step G	57.0800	4566.40	9893.87	118726.40
		Step H	58.4896	4679.17	10138.20	121658.37
		Step I	59.9340	4794.72	10388.56	124662.72
		Step J	61.4142	4913.14	10645.13	127741.54
		Step K	62.9307	5034.46	10907.99	130895.86
		Step L	64.4849	5158.79	11177.38	134128.59
		Step M	66.0775	5286.20	11453.43	137441.20
		Step N	67.7092	5416.74	11736.26	140835.14
		Step O	69.3812	5550.50	12026.07	144312.90

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5401B	Predictive Maintenance Technician I-B	Step A	32.1421	2571.37	5571.30	66855.57
		Step B	32.9359	2634.87	5708.89	68506.67
		Step C	33.7493	2699.94	5849.88	70198.54
		Step D	34.5827	2766.62	5994.33	71932.02
		Step E	35.4367	2834.94	6142.36	73708.34
		Step F	36.3118	2904.94	6294.05	75528.54
		Step G	37.2085	2976.68	6449.47	77393.68
		Step H	38.1274	3050.19	6608.75	79304.99
		Step I	39.0690	3125.52	6771.96	81263.52
		Step J	40.0338	3202.70	6939.19	83270.30
		Step K	41.0225	3281.80	7110.57	85326.80
		Step L	42.0356	3362.85	7286.17	87434.05
		Step M	43.0736	3445.89	7466.09	89593.09
		Step N	44.1374	3530.99	7650.48	91805.79
		Step O	45.2273	3618.18	7839.40	94072.78

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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5402B	Predictive Maintenance Technician II-B	Step A	35.3563	2828.50	6128.43	73541.10
		Step B	36.2294	2898.35	6279.76	75357.15
		Step C	37.1240	2969.92	6434.83	77217.92
		Step D	38.0409	3043.27	6593.76	79125.07
		Step E	38.9803	3118.42	6756.59	81079.02
		Step F	39.9430	3195.44	6923.45	83081.44
		Step G	40.9294	3274.35	7094.43	85133.15
		Step H	41.9401	3355.21	7269.62	87235.41
		Step I	42.9758	3438.06	7449.14	89389.66
		Step J	44.0372	3522.98	7633.11	91597.38
		Step K	45.1246	3609.97	7821.60	93859.17
		Step L	46.2390	3699.12	8014.76	96177.12
		Step M	47.3810	3790.48	8212.71	98552.48
		Step N	48.5511	3884.09	8415.52	100986.29
		Step O	49.7500	3980.00	8623.33	103480.00

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5533B	Preventative Maintenance Coordinator-B	Step A	31.8913	2551.30	5527.83	66333.90
		Step B	32.6787	2614.30	5664.31	67971.70
		Step C	33.4857	2678.86	5804.19	69650.26
		Step D	34.3127	2745.02	5947.53	71370.42
		Step E	35.1600	2812.80	6094.40	73132.80
		Step F	36.0283	2882.26	6244.91	74938.86
		Step G	36.9181	2953.45	6399.14	76789.65
		Step H	37.8298	3026.38	6557.17	78685.98
		Step I	38.7640	3101.12	6719.09	80629.12
		Step J	39.7213	3177.70	6885.03	82620.30
		Step K	40.7022	3256.18	7055.05	84660.58
		Step L	41.7074	3336.59	7229.28	86751.39
		Step M	42.7374	3418.99	7407.82	88893.79
		Step N	43.7928	3503.42	7590.75	91089.02
		Step O	44.8743	3589.94	7778.21	93338.54

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IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5500B	Preventative Maintenance Technician I-B	Step A	29.2200	2337.60	5064.80	60777.60
		Step B	29.9416	2395.33	5189.88	62278.53
		Step C	30.6810	2454.48	5318.04	63816.48
		Step D	31.4387	2515.10	5449.37	65392.50
		Step E	32.2151	2577.21	5583.95	67007.41
		Step F	33.0107	2640.86	5721.85	68662.26
		Step G	33.8258	2706.06	5863.14	70357.66
		Step H	34.6612	2772.90	6007.94	72095.30
		Step I	35.5172	2841.38	6156.31	73875.78
		Step J	36.3943	2911.54	6308.35	75700.14
		Step K	37.2930	2983.44	6464.12	77569.44
		Step L	38.2141	3057.13	6623.78	79485.33
		Step M	39.1578	3132.62	6787.35	81448.22
		Step N	40.1247	3209.98	6954.95	83459.38
		Step O	41.1157	3289.26	7126.72	85520.66

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5502B	Preventative Maintenance Technician II-B	Step A	32.1421	2571.37	5571.30	66855.57
		Step B	32.9358	2634.86	5708.87	68506.46
		Step C	33.7492	2699.94	5849.86	70198.34
		Step D	34.5826	2766.61	5994.32	71931.81
		Step E	35.4367	2834.94	6142.36	73708.34
		Step F	36.3118	2904.94	6294.05	75528.54
		Step G	37.2085	2976.68	6449.47	77393.68
		Step H	38.1274	3050.19	6608.75	79304.99
		Step I	39.0690	3125.52	6771.96	81263.52
		Step J	40.0338	3202.70	6939.19	83270.30
		Step K	41.0225	3281.80	7110.57	85326.80
		Step L	42.0355	3362.84	7286.15	87433.84
		Step M	43.0736	3445.89	7466.09	89593.09
		Step N	44.1374	3530.99	7650.48	91805.79
		Step O	45.2272	3618.18	7839.38	94072.58

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7020B	SCADA System Technician-B	Step A	35.3563	2828.50	6128.43	73541.10
		Step B	36.2294	2898.35	6279.76	75357.15
		Step C	37.1240	2969.92	6434.83	77217.92
		Step D	38.0409	3043.27	6593.76	79125.07
		Step E	38.9803	3118.42	6756.59	81079.02
		Step F	39.9430	3195.44	6923.45	83081.44
		Step G	40.9294	3274.35	7094.43	85133.15
		Step H	41.9401	3355.21	7269.62	87235.41
		Step I	42.9758	3438.06	7449.14	89389.66
		Step J	44.0372	3522.98	7633.11	91597.38
		Step K	45.1246	3609.97	7821.60	93859.17
		Step L	46.2390	3699.12	8014.76	96177.12
		Step M	47.3810	3790.48	8212.71	98552.48
		Step N	48.5511	3884.09	8415.52	100986.29
		Step O	49.7500	3980.00	8623.33	103480.00

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7118B	Senior Electric Line Technician-B	Step A	59.3428	4747.42	10286.09	123433.02
		Step B	60.8080	4864.64	10540.05	126480.64
		Step C	62.3097	4984.78	10800.35	129604.18
		Step D	63.8484	5107.87	11067.06	132804.67
		Step E	65.4253	5234.02	11340.39	136084.62
		Step F	67.0409	5363.27	11620.42	139445.07
		Step G	68.6965	5495.72	11907.39	142888.72
		Step H	70.3931	5631.45	12201.47	146417.65
		Step I	72.1313	5770.50	12502.76	150033.10
		Step J	73.9126	5913.01	12811.52	153738.21
		Step K	75.7381	6059.05	13127.94	157535.25
		Step L	77.6084	6208.67	13452.12	161425.47
		Step M	79.5250	6362.00	13784.33	165412.00
		Step N	81.4889	6519.11	14124.74	169496.91
		Step O	83.5012	6680.10	14473.54	173682.50

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7169B	Senior Electric Materials Technician-B	Step A	37.5244	3001.95	6504.23	78050.75
		Step B	38.4508	3076.06	6664.81	79977.66
		Step C	39.4003	3152.02	6829.39	81952.62
		Step D	40.3734	3229.87	6998.06	83976.67
		Step E	41.3704	3309.63	7170.87	86050.43
		Step F	42.3922	3391.38	7347.98	88175.78
		Step G	43.4390	3475.12	7529.43	90353.12
		Step H	44.5117	3560.94	7715.36	92584.34
		Step I	45.6110	3648.88	7905.91	94870.88
		Step J	46.7374	3738.99	8101.15	97213.79
		Step K	47.8915	3831.32	8301.19	99614.32
		Step L	49.0742	3925.94	8506.19	102074.34
		Step M	50.2862	4022.90	8716.27	104595.30
		Step N	51.5280	4122.24	8931.52	107178.24
		Step O	52.8005	4224.04	9152.09	109825.04

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1036B	Senior Electric Metering Systems Technician - B	Step A	55.8687	4469.50	9683.91	116206.90
		Step B	57.2483	4579.86	9923.04	119076.46
		Step C	58.6620	4692.96	10168.08	122016.96
		Step D	60.1106	4808.85	10419.17	125030.05
		Step E	61.5952	4927.62	10676.50	128118.02
		Step F	63.1163	5049.30	10940.16	131281.90
		Step G	64.6749	5173.99	11210.32	134523.79
		Step H	66.2721	5301.77	11487.16	137845.97
		Step I	67.9087	5432.70	11770.84	141250.10
		Step J	69.5858	5566.86	12061.54	144738.46
		Step K	71.3042	5704.34	12359.39	148312.74
		Step L	73.0650	5845.20	12664.60	151975.20
		Step M	74.8694	5989.55	12977.36	155728.35
		Step N	76.7184	6137.47	13297.86	159574.27
		Step O	78.6130	6289.04	13626.25	163515.04

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7126B	Senior Electric Substation Technician-B	Step A	57.0544	4564.35	9889.43	118673.15
		Step B	58.4632	4677.06	10133.62	121603.46
		Step C	59.9070	4792.56	10383.88	124606.56
		Step D	61.3863	4910.90	10640.29	127683.50
		Step E	62.9022	5032.18	10903.05	130836.58
		Step F	64.4558	5156.46	11172.34	134068.06
		Step G	66.0474	5283.79	11448.22	137378.59
		Step H	67.6785	5414.28	11730.94	140771.28
		Step I	69.3498	5547.98	12020.63	144247.58
		Step J	71.0625	5685.00	12317.50	147810.00
		Step K	72.8174	5825.39	12621.68	151460.19
		Step L	74.6156	5969.25	12933.37	155200.45
		Step M	76.4584	6116.67	13252.79	159033.47
		Step N	78.3465	6267.72	13580.06	162960.72
		Step O	80.2813	6422.50	13915.43	166985.10

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7168B	Senior Electric System Dispatcher-B	Step A	65.2770	5222.16	11314.68	135776.16
		Step B	66.8888	5351.10	11594.06	139128.70
		Step C	68.5406	5483.25	11880.37	142564.45
		Step D	70.2332	5618.66	12173.75	146085.06
		Step E	71.9676	5757.41	12474.38	149692.61
		Step F	73.7449	5899.59	12782.45	153389.39
		Step G	75.5660	6045.28	13098.11	157177.28
		Step H	77.4322	6194.58	13421.58	161058.98
		Step I	79.3445	6347.56	13753.05	165036.56
		Step J	81.3038	6504.30	14092.66	169111.90
		Step K	83.3117	6664.94	14440.69	173288.34
		Step L	85.3692	6829.54	14797.33	177567.94
		Step M	87.4773	6998.18	15162.73	181952.78
		Step N	89.6376	7171.01	15537.18	186446.21
		Step O	91.8513	7348.10	15920.89	191050.70

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7170B	Senior Electronic Technician-B	Step A	38.8919	3111.35	6741.26	80895.15
		Step B	39.8523	3188.18	6907.73	82892.78
		Step C	40.8364	3266.91	7078.31	84939.71
		Step D	41.8449	3347.59	7253.12	87037.39
		Step E	42.8783	3430.26	7432.24	89186.86
		Step F	43.9374	3514.99	7615.82	91389.79
		Step G	45.0224	3601.79	7803.88	93646.59
		Step H	46.1341	3690.73	7996.58	95958.93
		Step I	47.2735	3781.88	8194.07	98328.88
		Step J	48.4409	3875.27	8396.42	100757.07
		Step K	49.6372	3970.98	8603.78	103245.38
		Step L	50.8630	4069.04	8816.25	105795.04
		Step M	52.1191	4169.53	9033.98	108407.73
		Step N	53.4062	4272.50	9257.07	111084.90
		Step O	54.7251	4378.01	9485.68	113828.21

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7205B	Senior Plant and Equipment Mechanic-B	Step A	32.4886	2599.09	5631.36	67576.29
		Step B	33.2908	2663.26	5770.41	69244.86
		Step C	34.1128	2729.02	5912.89	70954.62
		Step D	34.9553	2796.42	6058.92	72707.02
		Step E	35.8185	2865.48	6208.54	74502.48
		Step F	36.7031	2936.25	6361.87	76342.45
		Step G	37.6096	3008.77	6519.00	78227.97
		Step H	38.5383	3083.06	6679.97	80159.66
		Step I	39.4900	3159.20	6844.93	82139.20
		Step J	40.4652	3237.22	7013.97	84167.62
		Step K	41.4646	3317.17	7187.20	86246.37
		Step L	42.4885	3399.08	7364.67	88376.08
		Step M	43.5377	3483.02	7546.53	90558.42
		Step N	44.6130	3569.04	7732.92	92795.04
		Step O	45.7147	3657.18	7923.88	95086.58

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7152B	Senior Power Plant Operator Technician-B	Step A	54.2386	4339.09	9401.36	112816.29
		Step B	55.5780	4446.24	9633.52	115602.24
		Step C	56.9505	4556.04	9871.42	118457.04
		Step D	58.3568	4668.54	10115.18	121382.14
		Step E	59.7980	4783.84	10364.99	124379.84
		Step F	61.2747	4901.98	10620.95	127451.38
		Step G	62.7879	5023.03	10883.24	130598.83
		Step H	64.3385	5147.08	11152.01	133824.08
		Step I	65.9274	5274.19	11427.42	137128.99
		Step J	67.5555	5404.44	11709.62	140515.44
		Step K	69.2239	5537.91	11998.81	143985.71
		Step L	70.9333	5674.66	12295.11	147541.26
		Step M	72.6850	5814.80	12598.73	151184.80
		Step N	74.4800	5958.40	12909.87	154918.40
		Step O	76.3194	6105.55	13228.70	158744.35

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7284B	Senior Preventative Maintenance Technician-B	Step A	38.8919	3111.35	6741.26	80895.15
		Step B	39.8523	3188.18	6907.73	82892.78
		Step C	40.8364	3266.91	7078.31	84939.71
		Step D	41.8449	3347.59	7253.12	87037.39
		Step E	42.8783	3430.26	7432.24	89186.86
		Step F	43.9374	3514.99	7615.82	91389.79
		Step G	45.0224	3601.79	7803.88	93646.59
		Step H	46.1341	3690.73	7996.58	95958.93
		Step I	47.2735	3781.88	8194.07	98328.88
		Step J	48.4409	3875.27	8396.42	100757.07
		Step K	49.6372	3970.98	8603.78	103245.38
		Step L	50.8630	4069.04	8816.25	105795.04
		Step M	52.1191	4169.53	9033.98	108407.73
		Step N	53.4062	4272.50	9257.07	111084.90
		Step O	54.7251	4378.01	9485.68	113828.21

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9559B	Senior SCADA System Technician-B	Step A	38.8919	3111.35	6741.26	80895.15
		Step B	39.8523	3188.18	6907.73	82892.78
		Step C	40.8364	3266.91	7078.31	84939.71
		Step D	41.8449	3347.59	7253.12	87037.39
		Step E	42.8783	3430.26	7432.24	89186.86
		Step F	43.9373	3514.98	7615.80	91389.58
		Step G	45.0223	3601.78	7803.87	93646.38
		Step H	46.1341	3690.73	7996.58	95958.93
		Step I	47.2735	3781.88	8194.07	98328.88
		Step J	48.4409	3875.27	8396.42	100757.07
		Step K	49.6371	3970.97	8603.76	103245.17
		Step L	50.8629	4069.03	8816.24	105794.83
		Step M	52.1190	4169.52	9033.96	108407.52
		Step N	53.4061	4272.49	9257.06	111084.69
		Step O	54.7251	4378.01	9485.68	113828.21

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7202B	Senior Wastewater Utility Maintenance Worker-B	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	29.6432	2371.46	5138.15	61657.86
		Step C	30.3753	2430.02	5265.05	63180.62
		Step D	31.1254	2490.03	5395.07	64740.83
		Step E	31.8941	2551.53	5528.31	66339.73
		Step F	32.6817	2614.54	5664.83	67977.94
		Step G	33.4888	2679.10	5804.73	69656.70
		Step H	34.3158	2745.26	5948.07	71376.86
		Step I	35.1632	2813.06	6094.95	73139.46
		Step J	36.0316	2882.53	6245.48	74945.73
		Step K	36.9214	2953.71	6399.71	76796.51
		Step L	37.8332	3026.66	6557.75	78693.06
		Step M	38.7675	3101.40	6719.70	80636.40
		Step N	39.7250	3178.00	6885.67	82628.00
		Step O	40.7059	3256.47	7055.69	84668.27

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7204B	Senior Water Distribution Worker-B	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	29.6432	2371.46	5138.15	61657.86
		Step C	30.3753	2430.02	5265.05	63180.62
		Step D	31.1254	2490.03	5395.07	64740.83
		Step E	31.8941	2551.53	5528.31	66339.73
		Step F	32.6817	2614.54	5664.83	67977.94
		Step G	33.4888	2679.10	5804.73	69656.70
		Step H	34.3158	2745.26	5948.07	71376.86
		Step I	35.1632	2813.06	6094.95	73139.46
		Step J	36.0316	2882.53	6245.48	74945.73
		Step K	36.9214	2953.71	6399.71	76796.51
		Step L	37.8332	3026.66	6557.75	78693.06
		Step M	38.7675	3101.40	6719.70	80636.40
		Step N	39.7250	3178.00	6885.67	82628.00
		Step O	40.7059	3256.47	7055.69	84668.27

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2375B	Traffic Signal Maintenance Worker I-B	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	26.8987	2151.90	4662.44	55949.30
		Step C	27.5630	2205.04	4777.59	57331.04
		Step D	28.2436	2259.49	4895.56	58746.69
		Step E	28.9411	2315.29	5016.46	60197.49
		Step F	29.6558	2372.46	5140.34	61684.06
		Step G	30.3881	2431.05	5267.27	63207.25
		Step H	31.1385	2491.08	5397.34	64768.08
		Step I	31.9076	2552.61	5530.65	66367.81
		Step J	32.6955	2615.64	5667.22	68006.64
		Step K	33.5029	2680.23	5807.17	69686.03
		Step L	34.3303	2746.42	5950.59	71407.02
		Step M	35.1782	2814.26	6097.55	73170.66
		Step N	36.0469	2883.75	6248.13	74977.55
		Step O	36.9371	2954.97	6402.43	76829.17

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2376B	Traffic Signal Maintenance Worker II-B	Step A	28.8755	2310.04	5005.09	60061.04
		Step B	29.5885	2367.08	5128.67	61544.08
		Step C	30.3193	2425.54	5255.35	63064.14
		Step D	31.0679	2485.43	5385.10	64621.23
		Step E	31.8352	2546.82	5518.10	66217.22
		Step F	32.6214	2609.71	5654.38	67852.51
		Step G	33.4269	2674.15	5794.00	69527.95
		Step H	34.2525	2740.20	5937.10	71245.20
		Step I	35.0983	2807.86	6083.71	73004.46
		Step J	35.9651	2877.21	6233.95	74807.41
		Step K	36.8533	2948.26	6387.91	76654.86
		Step L	37.7634	3021.07	6545.66	78547.87
		Step M	38.6959	3095.67	6707.29	80487.47
		Step N	39.6516	3172.13	6872.94	82475.33
		Step O	40.6308	3250.46	7042.67	84512.06

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Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9027B	Wastewater Utility Maintenance Worker I-B	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	24.4540	1956.32	4238.69	50864.32
		Step C	25.0580	2004.64	4343.39	52120.64
		Step D	25.6769	2054.15	4450.66	53407.95
		Step E	26.3109	2104.87	4560.56	54726.67
		Step F	26.9606	2156.85	4673.17	56078.05
		Step G	27.6265	2210.12	4788.59	57463.12
		Step H	28.3087	2264.70	4906.84	58882.10
		Step I	29.0078	2320.62	5028.02	60336.22
		Step J	29.7241	2377.93	5152.18	61826.13
		Step K	30.4582	2436.66	5279.42	63353.06
		Step L	31.2104	2496.83	5409.80	64917.63
		Step M	31.9812	2558.50	5543.41	66520.90
		Step N	32.7709	2621.67	5680.29	68163.47
		Step O	33.5803	2686.42	5820.59	69847.02

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9029B	Wastewater Utility Maintenance Worker II-B	Step A	26.2508	2100.06	4550.14	54601.66
		Step B	26.8989	2151.91	4662.48	55949.71
		Step C	27.5633	2205.06	4777.64	57331.66
		Step D	28.2439	2259.51	4895.61	58747.31
		Step E	28.9414	2315.31	5016.51	60198.11
		Step F	29.6561	2372.49	5140.39	61684.69
		Step G	30.3884	2431.07	5267.32	63207.87
		Step H	31.1389	2491.11	5397.41	64768.91
		Step I	31.9079	2552.63	5530.70	66368.43
		Step J	32.6959	2615.67	5667.29	68007.47
		Step K	33.5033	2680.26	5807.24	69686.86
		Step L	34.3307	2746.46	5950.65	71407.86
		Step M	35.1786	2814.29	6097.62	73171.49
		Step N	36.0472	2883.78	6248.18	74978.18
		Step O	36.9375	2955.00	6402.50	76830.00

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9078B	Water Conservation Specialist-B	Step A	28.9289	2314.31	5014.34	60172.11
		Step B	29.6432	2371.46	5138.15	61657.86
		Step C	30.3753	2430.02	5265.05	63180.62
		Step D	31.1254	2490.03	5395.07	64740.83
		Step E	31.8941	2551.53	5528.31	66339.73
		Step F	32.6817	2614.54	5664.83	67977.94
		Step G	33.4888	2679.10	5804.73	69656.70
		Step H	34.3158	2745.26	5948.07	71376.86
		Step I	35.1632	2813.06	6094.95	73139.46
		Step J	36.0316	2882.53	6245.48	74945.73
		Step K	36.9214	2953.71	6399.71	76796.51
		Step L	37.8332	3026.66	6557.75	78693.06
		Step M	38.7675	3101.40	6719.70	80636.40
		Step N	39.7250	3178.00	6885.67	82628.00
		Step O	40.7059	3256.47	7055.69	84668.27

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9049B	Water Conservation Worker I-B	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	24.4540	1956.32	4238.69	50864.32
		Step C	25.0580	2004.64	4343.39	52120.64
		Step D	25.6769	2054.15	4450.66	53407.95
		Step E	26.3109	2104.87	4560.56	54726.67
		Step F	26.9606	2156.85	4673.17	56078.05
		Step G	27.6265	2210.12	4788.59	57463.12
		Step H	28.3087	2264.70	4906.84	58882.10
		Step I	29.0078	2320.62	5028.02	60336.22
		Step J	29.7241	2377.93	5152.18	61826.13
		Step K	30.4582	2436.66	5279.42	63353.06
		Step L	31.2104	2496.83	5409.80	64917.63
		Step M	31.9812	2558.50	5543.41	66520.90
		Step N	32.7709	2621.67	5680.29	68163.47
		Step O	33.5803	2686.42	5820.59	69847.02

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9051B	Water Conservation Worker II-B	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	26.8987	2151.90	4662.44	55949.30
		Step C	27.5630	2205.04	4777.59	57331.04
		Step D	28.2436	2259.49	4895.56	58746.69
		Step E	28.9411	2315.29	5016.46	60197.49
		Step F	29.6558	2372.46	5140.34	61684.06
		Step G	30.3881	2431.05	5267.27	63207.25
		Step H	31.1385	2491.08	5397.34	64768.08
		Step I	31.9076	2552.61	5530.65	66367.81
		Step J	32.6955	2615.64	5667.22	68006.64
		Step K	33.5029	2680.23	5807.17	69686.03
		Step L	34.3303	2746.42	5950.59	71407.02
		Step M	35.1782	2814.26	6097.55	73170.66
		Step N	36.0469	2883.75	6248.13	74977.55
		Step O	36.9371	2954.97	6402.43	76829.17

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9246B	Water Distribution Worker I-B	Step A	23.8648	1909.18	4136.57	49638.78
		Step B	24.4540	1956.32	4238.69	50864.32
		Step C	25.0580	2004.64	4343.39	52120.64
		Step D	25.6769	2054.15	4450.66	53407.95
		Step E	26.3109	2104.87	4560.56	54726.67
		Step F	26.9606	2156.85	4673.17	56078.05
		Step G	27.6265	2210.12	4788.59	57463.12
		Step H	28.3087	2264.70	4906.84	58882.10
		Step I	29.0078	2320.62	5028.02	60336.22
		Step J	29.7241	2377.93	5152.18	61826.13
		Step K	30.4582	2436.66	5279.42	63353.06
		Step L	31.2104	2496.83	5409.80	64917.63
		Step M	31.9812	2558.50	5543.41	66520.90
		Step N	32.7709	2621.67	5680.29	68163.47
		Step O	33.5803	2686.42	5820.59	69847.02

City of Roseville

Salary Schedule: International Brotherhood of Electrical Workers-B

Appendix:D
Effective Date:05/08/2021

IBEW International Brotherhood of Electrical Workers

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9248B	Water Distribution Worker II-B	Step A	26.2505	2100.04	4550.09	54601.04
		Step B	26.8987	2151.90	4662.44	55949.30
		Step C	27.5630	2205.04	4777.59	57331.04
		Step D	28.2436	2259.49	4895.56	58746.69
		Step E	28.9411	2315.29	5016.46	60197.49
		Step F	29.6558	2372.46	5140.34	61684.06
		Step G	30.3881	2431.05	5267.27	63207.25
		Step H	31.1385	2491.08	5397.34	64768.08
		Step I	31.9076	2552.61	5530.65	66367.81
		Step J	32.6955	2615.64	5667.22	68006.64
		Step K	33.5029	2680.23	5807.17	69686.03
		Step L	34.3303	2746.42	5950.59	71407.02
		Step M	35.1782	2814.26	6097.55	73170.66
		Step N	36.0469	2883.75	6248.13	74977.55
		Step O	36.9371	2954.97	6402.43	76829.17

ORDINANCE NO. 6360

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2020-21 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2020-21, is hereby amended as listed on the attached budget adjustment for the implementation of labor market salary adjustments for the International Brotherhood of Electrical Workers, Local 1245.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this _____ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Scott Pettingell, Budget Manager
FISCAL YEAR: 2020/2021
PREPARER NAME & TITLE: Scott Pettingell, Budget Manager
COUNCIL DATE (if applicable): 5/7/2021
DEPARTMENT/DIVISION: Roseville Electric
ORDINANCE:

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6001	5071	70015		97,347	Increase labor budget for IBEW Labor Market Adjustments
			TOTAL	97,347	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
			TOTAL	-	

NET ADJUSTMENT	97,347	

FUND BALANCE

ACCOUNT STRING				BUDGET ($)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6001				(97,347)	Reduce available resources in the Electric Operations Fund
			TOTAL	(97,347)	

Justification for Budget Adjustment:

Staff recommends that the City Council authorize a budget adjustment to Roseville Electric of $97,347 to fund labor market adjustments for employees represented by the International Brotherhood of Electrical Workers (IBEW) for the last four pay periods of Fiscal Year (FY) 2020-21.

REQUIRED APPROVALS:

REQUESTING DEPARTMENT HEAD / DESIGNEE	DATE	BUDGET MANAGER / DESIGNEE	DATE
CHIEF FINANCIAL OFFICER / DESIGNEE	DATE	CITY MANAGER / DESIGNEE	DATE

BUDGET DEPARTMENT USE ONLY:

POSTED BY DATE

Revised: June 24, 2019

COUNCIL COMMUNICATION

CC #: 1455
File #: 0800-06 & 0400-02

Title:	Second Reading - Accessory Dwelling Unit Ordinance and Fee Policy Update
Contact:	Sean Morales 916-774-5282 smorales@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.22.

RECOMMENDATION TO COUNCIL

ORDINANCE NO. 6361 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ZONING ORDINANCE CHAPTER 19.60 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING ACCESSORY DWELLING UNITS, for seconding reading and adoption.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

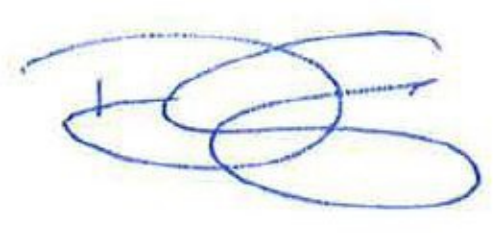
Not applicable.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Respectfully Submitted,

Sean Morales, Assistant Planner

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6361

ORDINANCE NO. 6361

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING CHAPTER 19.60 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING ACCESSORY DWELLING UNITS

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Chapter 19.60 of Title 19 of the Roseville Municipal Code is hereby amended to read as follows:

Chapter 19.60 ACCESSORY DWELLING UNITS

19.60.010 Purpose.

This chapter provides criteria for the approval of accessory dwelling units and junior accessory dwelling units. This chapter is adopted pursuant to the authority of Government Code Sections 65852.2 and 65852.22, as they now exist or may hereafter be amended.

19.60.020 Findings.

The City Council finds that accessory dwelling units and junior accessory dwelling units are considered residential uses that are consistent with existing General Plan objectives and the zoning designation for the lots upon which accessory dwelling units or junior accessory dwelling units are located. The City Council further finds that accessory dwelling units and junior accessory dwelling units that comply with the requirements set forth in this chapter shall be deemed to be accessory uses or accessory buildings or structures and shall not be considered to exceed the allowable density for lots upon which accessory dwelling units or junior accessory dwelling units are located.

19.60.030 Definitions.

For the purposes of this chapter, the following words and phrases shall have the meanings respectively ascribed to them by this section. Words and phrases not defined in this section, shall have the meanings respectively ascribed to them in Chapter 19.95 (Definitions of Terms and Phrases).

A. "Accessory dwelling unit" shall be as defined by Government Code Section 65852.2, as it now exists or may hereafter be amended, and means an attached or a detached residential dwelling unit that provides complete independent living facilities for one or more persons. The unit shall be located on a permanent foundation or a permanent chassis if a manufactured home, have an independent exterior access (if located within a single-family dwelling unit), and shall include permanent provisions or infrastructure to support living, sleeping, eating, cooking, and sanitation on the same parcel as where a single-family, two-family or multi-family dwelling is situated or proposed to be situated. Accessory dwelling units can also

include efficiency units, as defined in Section 17958.1 of the Health and Safety Code, manufactured homes, as defined in Section 18007 of the Health and Safety Code, second dwelling units, granny flats, in-law quarters, casitas, carriage units, and tiny houses as long as such units otherwise meet this definition.

B. "Accessory structure" means a structure that is accessory and incidental to a single-family, two-family or multi-family dwelling located on the same lot.

C. "Car share vehicle" means a vehicle that can be rented for short periods of time and is available 24-hours a day, seven days a week at unattended self-service locations.

D. "Existing structure," for the purposes of defining an allowable space that can be converted to an accessory dwelling unit, means the following:

1. The proposed accessory dwelling unit is located within the walls and roofline of a fully enclosed, existing structure (i.e., the existing footprint); and

2. The existing structure can be made safely habitable under local building codes at the determination of the building official, regardless of any nonconforming zoning conditions.

E. "Junior accessory dwelling unit" shall be as defined by Government Code Section 65852.22, as it now exists or may hereafter be amended, and means a unit that is no more than 500 square feet in size and contained entirely within an existing or proposed single-family dwelling. A junior accessory dwelling unit may include separate sanitation facilities, or may share sanitation facilities with the existing structure.

F. "Living area" means the interior habitable area of a dwelling unit, including basements and attics, but does not include a garage or any accessory structure.

G. "Nonconforming zoning condition" means a physical improvement on a property that does not conform with current zoning standards.

H. "Passageway" means a pathway that is unobstructed clear to the sky and extends from a street to one entrance of the accessory dwelling unit.

I. "Permanent provisions or infrastructure," in the context of the definition of an "accessory dwelling unit," means a permanent kitchen consisting of a sink, a counter for food preparation, a food storage area, and either a minimum 220V receptacle or a dedicated gas line for a cooking appliance (a 110V receptacle for a microwave, toaster, hotplate, etc. is not a permanent provision); a toilet connected to plumbing; a bathroom sink connected to plumbing; and a bathing facility connected to plumbing, such as a shower or bathtub.

J. "Primary dwelling unit" means a proposed or existing single-family, two-family or multi-family dwelling unit located on the lot where the accessory dwelling unit is proposed to be developed, and includes attached, enclosed accessory structures, such as a garage.

K. "Proposed dwelling" means a dwelling that is the subject of a permit application and that meets the requirements for permitting.

L. "Public transit" means a location, including, but not limited to, a bus stop or train station, where the public may access buses, trains, subways, and other forms of transportation that charge set fares, run on fixed routes, and are available to the public.

M. "Tandem parking" means that two or more automobiles are parked on a driveway or in any other location on a lot, lined up behind one another.

N. "Within the existing space" includes areas within an existing primary dwelling unit or within an existing attached or detached accessory structure such as a garage, storage area, a carriage house, a pool house, studio, and similar enclosed structures. The addition of square footage, including, but not limited to, the addition of another floor, is not considered to be "within the existing space," unless the expansion is for the purposes of ingress and egress and does not exceed 150 square feet. Additions of square footage which are not "within the existing space" are considered new construction.

19.60.040 Permit requirements.

A building permit shall be required prior to construction or creation of an accessory dwelling unit or junior accessory dwelling unit.

19.60.050 Designated areas.

A. Mixed Use and Residential Zones. Accessory dwelling units are principally permitted in the commercial mixed use (CMU), single-family residential (R1), small lot residential (RS), two-family residential (R2), multi-family housing (R3), and residential mixed use (RMU) zoning districts, provided the lot contains an existing or proposed single-family, two-family or multi-family dwelling unit as defined in Section 19.08.080(F) (Residential Use Types) and the accessory dwelling unit complies with the standards identified in this chapter.

B. Commercial Zones. Accessory dwelling units are also principally permitted in the neighborhood commercial (NC), community commercial (CC), general commercial (GC), and highway commercial (HC) zoning districts, provided the lot contains an existing or proposed single-family, two-family or multi-family dwelling unit which has an approved conditional use permit as defined in Section 19.08.080(F) (Residential Use Types) and the accessory dwelling unit complies with the standards identified in this chapter. If a commercially zoned lot contains an existing single-family, two-family or multi-family dwelling unit which does not have an approved conditional use permit, then the accessory dwelling unit shall be required to obtain an Administrative Permit pursuant to Chapter 19.74 (Permit and Variance Requirements).

19.60.060 Development standards for accessory dwelling units proposed within existing structures or existing living areas.

Accessory dwelling units are permitted to be developed within existing structures or within the living area of an existing primary dwelling unit. Accessory dwelling units developed within existing structures or living areas shall be allowed only in compliance with the following standards:

A. Setbacks. No setback shall be required for an accessory dwelling unit, including porches, decks, balconies, stairs, and patios which are attached to and for the use of the accessory dwelling unit, built within the footprint and dimensions of an existing living area or existing structure. Garages are subject to the setbacks of Section 19.22.030 (Accessory Structures).

B. Floor Area. The total floor area of an attached accessory dwelling unit developed within an existing primary dwelling unit shall not exceed the floor area of the existing primary dwelling unit, except that an expansion of up to 150 square feet beyond the same physical dimensions as the existing primary dwelling unit is permitted for accommodating ingress and egress. The total floor area for a detached accessory dwelling unit developed within an existing detached accessory structure shall not exceed the floor area of the existing detached accessory structure, except that an expansion of up to 150 square feet beyond the same physical dimensions as the existing detached accessory structure is permitted for accommodating ingress and egress. Expansions beyond 150 square feet must comply with the standards set forth in Section 19.60.070 (Development Standards for Accessory Dwelling Units Proposed as New Construction).

C. Unit Sizes.

1. An accessory dwelling unit shall not be less than the minimum size for an efficiency unit, as defined in Section 17958.1 of the Health and Safety Code, as it now exists or may hereafter be amended.

2. An accessory dwelling unit shall not be more than 850 square feet for a studio or one-bedroom or more than 1,000 square feet for an accessory dwelling unit that provides more than one bedroom.

D. Minimum Facilities. Accessory dwelling units developed within existing structures or living areas shall include permanent provisions for independent living, sleeping, eating, cooking, and sanitation within the unit and must include a separate exterior entrance from the primary dwelling unit if the primary dwelling is a single-family dwelling.

E. Appearance. The accessory dwelling unit shall be designed and constructed so as to be compatible with the existing primary dwelling unit and neighborhood in terms of height, form, and materials, as determined by the Planning Manager or designee applying objective standards, and the accessory dwelling unit shall be subordinate to the primary dwelling unit. Manufactured homes shall meet the architectural standards set forth in Section 19.10.030(E) (Residential Zone General Development Standards).

F. Parking Requirements. Accessory dwelling units developed within existing structures or living areas shall not be required to provide parking. A garage, carport, or covered parking structure shall be subject to the development regulations of Section 19.22.030 (Accessory Structures), if the owner chooses to provide parking as part of the accessory dwelling unit. In addition, when a garage, carport, or covered parking structure is converted to an accessory dwelling unit, the required off-street parking spaces for the primary dwelling unit, if eliminated, do not need to be replaced. If the property owner chooses to replace the parking spaces, the replacement spaces may be located in any configuration on the same lot as the accessory dwelling unit, including within the front yard or street side setback, and may be covered spaces subject to conformance with the applicable requirements set forth in Section 19.22.030(C)(2) (Permitted Accessory Structures to Dwelling Use Type (Single-Family and Two-Family)) or Section 19.22.030(D)(3) (Permitted Accessory Structures to Dwelling Use Type (Multi-Family)), uncovered spaces or tandem spaces. All replacement parking shall comply with the requirements set forth in Section 11.20.110 (Parking on Private Property Prohibited), Section 19.10.030(F) (Residential Zone General Development Standards), and Section 19.26.040(A) (Design and Improvement of Parking).

G. Passageways. No passageways shall be required in conjunction with accessory dwelling units developed within existing structures or living areas.

H. Building and Fire Codes. Except as otherwise provided in this chapter, accessory dwelling units developed within existing structures or living areas shall comply with all local building and fire codes.

I. Fire Sprinklers. Accessory dwelling units developed within existing structures or living areas shall not be required to provide fire sprinklers if fire sprinklers were not required for the primary dwelling unit.

J. Utilities. Accessory dwelling units developed within existing structures or living areas shall not be required to install a new or separate utility connection directly between the accessory dwelling unit and the public utility infrastructure, unless the accessory dwelling unit was constructed with a new single-family dwelling unit. However, if necessary utility infrastructure does not exist with capacity available to serve both the primary dwelling unit and the accessory dwelling unit, the property owner shall be responsible for all costs related to installation of necessary infrastructure or upsizing existing infrastructure. Property owners may install a new or separate utility connection directly between the accessory dwelling unit and the public utility infrastructure at the property owner's option and expense.

K. Height. An accessory dwelling unit shall not exceed the height limits prescribed in Section 19.10.030 (Residential Zone General Development Standards) for the zone in which the accessory dwelling unit will be located, or if not within a residential zone, the height shall not exceed the standards established in Section 19.10.030 for the single-family residential (R1) zone.

L. Number Permitted. Except as otherwise permitted by subsection M, only one accessory dwelling unit is permitted per lot.

M. Exceptions to Development Standards.

1. One accessory dwelling unit and one junior accessory dwelling unit is permitted per lot with a proposed or existing single-family dwelling if all of the following apply:

a. The accessory dwelling unit or junior accessory dwelling unit is within the proposed space of a single-family dwelling unit or existing space of a single-family dwelling unit or accessory structure and may include an expansion of not more than 150 square feet beyond the same physical dimensions as the existing accessory structure. An expansion beyond the physical dimensions of the existing accessory structure shall be limited to accommodating ingress and egress.

b. The space has exterior access from the proposed or existing single-family dwelling unit.

c. The side and rear setbacks are sufficient for fire and safety.

d. The junior accessory dwelling unit complies with the requirements of Government Code Section 65852.22, as it now exists or may hereafter be amended.

2. Multiple accessory dwelling units within portions of existing multi-family dwelling units are permitted in areas not used as livable spaces, including, but not limited to, storage rooms, boiler rooms, passageways, attics, basements, or garages, if all of the following apply:

a. Each unit complies with state building codes for dwellings.

b. At least one accessory dwelling unit is permitted within an existing multi-family dwelling or up to 25% of the existing multi-family dwelling units may be converted to accessory dwelling units, whichever is greater.

3. Two detached accessory dwelling units are permitted per lot that has an existing multi-family dwelling unit, subject to a height limit of 16 feet and four-foot rear and side setbacks.

N. Waivers. Notwithstanding anything to the contrary contained in this title, limits on height, setbacks, lot coverage, floor area ratio, open space, and lot sizes are hereby waived if they do not permit at least an 800 square foot accessory dwelling unit that is at least 16 feet in height, and which provides four-foot rear and side setbacks.

19.60.070 Development standards for accessory dwelling units proposed as new construction.

Newly constructed accessory dwelling units are permitted to be attached to a proposed or existing primary dwelling unit or detached from a proposed or existing primary dwelling unit as long as the newly constructed accessory dwelling unit is located on the same lot as a proposed or existing primary dwelling unit. Newly constructed accessory dwelling units shall be allowed only in compliance with the following standards:

A. Minimum Lot Area. There is no minimum lot area.

B. Maximum Lot Coverage. There is no maximum lot coverage.

C. Setbacks. No setback shall be required for an accessory dwelling unit constructed in the same location (i.e., footprint) and to the same dimensions as an existing accessory structure. A setback of four feet from the side and rear lot lines shall be required for an accessory dwelling unit that is otherwise newly constructed, including porches, decks, balconies, stairs, and patios which are attached to and for the use of the accessory dwelling unit.

D. Floor Area. The total floor area of an attached accessory dwelling unit shall not be less than 150 square feet nor exceed the standards of Section 19.60.070(E) (Unit Sizes). The total floor area for a detached accessory dwelling unit shall not be less than 150 square feet nor exceed the standards of Section 19.60.070(E) (Unit Sizes) .

E. Unit Sizes.

1. An accessory dwelling unit shall not be less than the minimum size for an efficiency unit, as defined in Section 17958.1 of the Health and Safety Code, as it now exists or may hereafter be amended.

2. An accessory dwelling unit shall not be more than 850 square feet for a studio or one-bedroom or more than 1,000 square feet for an accessory dwelling unit that provides more than one bedroom.

F. Minimum Facilities. The accessory dwelling unit shall include permanent provisions for independent living, sleeping, eating, cooking, and sanitation within the unit and

must include a separate exterior entrance from the primary dwelling unit if the primary dwelling is a single-family dwelling.

G. Appearance. The accessory dwelling unit shall be designed and constructed so as to be compatible with the proposed or existing primary dwelling unit and neighborhood in terms of height, form, and materials, as determined by the Planning Manager or designee applying objective standards, and the accessory dwelling unit shall be subordinate to the primary dwelling unit. Manufactured homes shall meet the architectural standards set forth in Section 19.10.030(E) (Residential Zone General Development Standards).

H. Parking Requirements. Except as otherwise provided by this chapter, the parking required by this section is in addition to that required for the primary dwelling unit located on the lot by Chapter 19.26 (Off-Street Parking and Loading). Garages, carports, and covered parking structures attached to the accessory dwelling unit and built to satisfy the required parking standards for the accessory dwelling unit are subject to the same setbacks and other development regulations as the accessory dwelling unit.

1. Accessory dwelling units with one or more bedrooms shall provide at least one off-street parking space. Studios shall not be required to provide any parking spaces. The parking requirement for accessory dwelling units with bedrooms can be met by providing the required parking space within the front yard setback and may be located in tandem with other on-site parking as long as it complies with the requirements set forth in Section 11.20.110 (Parking on Private Property Prohibited), Section 19.10.030(F) (Residential Zone General Development Standards), and Section 19.26.040(A) (Design and Improvement of Parking).

2. When a garage, carport, or covered parking structure is demolished in conjunction with the construction of an accessory dwelling unit, the required off-street parking spaces for the primary dwelling unit, if eliminated, do not need to be replaced. If the property owner chooses to replace these parking spaces, the replacement spaces may be located in any configuration on the same lot as the accessory dwelling unit, including within the front yard or street side setback, and may be covered spaces subject to conformance with the applicable requirements set forth in Section 19.22.030(C)(2) (Permitted Accessory Structures to Dwelling Use Type (Single-Family and Two-Family)) or Section 19.22.030(D)(3) (Permitted Accessory Structures to Dwelling Use Type (Multi-Family)), uncovered spaces or tandem spaces. All replacement parking shall comply with the requirements set forth in Section 11.20.110 (Parking on Private Property Prohibited), Section 19.10.030(F) (Residential Zone General Development Standards), and Section 19.26.040(A) (Design and Improvement of Parking).

3. Notwithstanding the above, accessory dwelling units shall not be required to provide parking in any of the following circumstances:

a. When the accessory dwelling unit is located within one-half mile walking distance of public transit.

b. When the accessory dwelling unit is located within the Old Town Historic District (DT-4) or the Central Business District (DT-6).

c. When the accessory dwelling unit is part of an existing or proposed primary dwelling unit or an existing accessory structure.

d. When on-street parking permits are required but not offered to the occupant of the accessory dwelling unit.

e. When there is a car share vehicle located within one block of the accessory dwelling unit.

I. Passageways. No passageways shall be required in conjunction with the construction of an accessory dwelling unit.

J. Building and Fire Codes. Except as otherwise provided in this chapter, newly constructed accessory dwelling units shall comply with all local building and fire codes.

K. Fire Sprinklers. Accessory dwelling units shall not be required to provide fire sprinklers if fire sprinklers were not required for the primary dwelling unit.

L. Utilities. New or separate utility connections directly between the accessory dwelling unit and the public utility infrastructure shall only be required if directed by the environmental utilities department or the electric department. In such cases, if necessary utility infrastructure does not exist with capacity available to serve both the primary dwelling unit and the accessory dwelling unit, the property owner shall be responsible for all costs related to installation of necessary infrastructure or upsizing existing infrastructure.

M. Height. An accessory dwelling unit shall not exceed the height limits prescribed in Section 19.10.030 (Residential Zone General Development Standards) for the zone in which the accessory dwelling unit will be located, or if not within a residential zone, the height shall not exceed the standards established in Section 19.10.030 for the single-family residential (R1) zone.

N. Number Permitted. Except as otherwise permitted by subsection O, only one accessory dwelling unit is permitted per lot.

O. Exceptions to Development Standards.

1. One newly constructed detached accessory dwelling unit that does not exceed four-foot rear and side setbacks, which may be combined with one junior accessory dwelling unit, is permitted per lot if all of the following apply:

a. The total floor area for the newly constructed detached accessory dwelling unit shall not exceed 800 square feet.

b. The newly constructed detached accessory dwelling unit shall not exceed 16 feet in height.

2. Two newly constructed detached accessory dwelling units are permitted per lot that has an existing multi-family dwelling unit, subject to a height limit of 16 feet and four-foot rear and side setbacks.

P. Waivers. Notwithstanding anything to the contrary contained in this title, limits on height, setbacks, lot coverage, floor area ratio, open space, and lot sizes are hereby waived if they do not permit at least an 800 square foot accessory dwelling unit that is at least 16 feet in height, and which provides four-foot rear and side setbacks.

19.60.080 Use restrictions.

A. Sales Prohibited. Accessory dwelling units shall not be sold independently of the primary dwelling unit on the lot.

B. Rentals. Accessory dwelling units may be rented as long as the rental term exceeds 30 calendar days. Accordingly, short-term rental permits authorized pursuant to Chapter 4.25 (Short-Term Rentals) will not be issued for accessory dwelling units.

19.60.090 Nonconforming zoning conditions.

An accessory dwelling unit or junior accessory dwelling unit in compliance with the standards set forth in this chapter is still permitted even when the primary dwelling unit has a nonconforming zoning condition.

19.60.100 Fees.

All fees and charges will be charged in accordance with the Accessory Dwelling Units Fee Policy adopted by the City Council on _____, 2021 by Resolution No. 21-____, as amended from time to time.

19.60.110 Administrative permit requirements.

An accessory dwelling unit or junior accessory dwelling unit which does not meet the standards set forth in this chapter, shall be required to obtain an Administrative Permit pursuant to Chapter 19.74 (Permit and Variance Requirements).

19.60.120 Junior accessory dwelling units.

A. Junior accessary dwelling units are principally permitted within areas zoned to allow single-family residential use and must be located on a lot that contains an existing or proposed single-family dwelling unit as defined in Section 19.08.080(F)(2) (Residential Use Types).

B. Junior accessory dwelling units are subject to the following conditions:

1. Only one junior accessory dwelling unit is permitted per residential lot.

2. A junior accessory dwelling unit shall not exceed 500 square feet.

3. The property owner shall occupy the single-family dwelling unit in which the junior accessory dwelling unit will be permitted. The property owner may reside in either the remaining portion of the single-family dwelling unit or the newly created junior accessory dwelling unit. Owner-occupancy shall not be required if the owner is a governmental agency, land trust, or housing organization.

4. Following final inspection approval of a building permit for a junior accessory dwelling unit, a deed restriction, in a form approved by the City Attorney, shall be recorded with the Placer County Recorder's office, which shall include the applicable restrictions and limitations of a junior accessory dwelling unit identified in this chapter. Said deed restriction

shall run with the land, and shall be binding upon any future owners, heirs, or assigns. A copy of the recorded deed restriction shall be filed with the City stating that:

a. The junior accessory dwelling unit shall not be sold separately from the single-family dwelling unit.

b. The junior accessory dwelling unit is restricted to the development standards, including maximum size, identified in this chapter.

c. The junior accessory dwelling unit shall be considered legal only so long as either the single-family dwelling unit, or the junior accessory dwelling unit, is occupied by the owner of record of the property.

d. The restrictions shall be binding upon any successor in ownership of the property and lack of compliance with this provision may result in legal action against the property owner, including revocation of any right to maintain a junior accessory dwelling unit on the property.

5. The junior accessory dwelling unit shall be constructed within the walls of the proposed or existing single-family dwelling unit, including attached garages.

6. The junior accessory dwelling shall include a separate entrance from the main entrance to the proposed or existing single-family dwelling unit.

7. The permitted junior accessory dwelling unit must include an efficiency kitchen, which shall include at a minimum all of the following:

a. A cooking facility with appliances.

b. A food preparation counter and storage cabinets that are of reasonable size in relation to the size of the junior accessory dwelling unit.

8. Junior accessory dwelling units shall comply with all local building and fire codes applicable to the existing single-family dwelling unit except that fire sprinklers shall not be required if fire sprinklers were not required for the single-family dwelling unit.

9. Junior accessory dwelling units may be rented as long as the rental term exceeds 30 calendar days. Accordingly, short-term rental permits authorized pursuant to Chapter 4.25 (Short-Term Rentals) will not be issued for junior accessory dwelling units.

10. Junior accessory dwelling units shall not be required to provide parking nor be required to provide replacement parking if constructed within an attached garage.

11. Junior accessory dwelling units shall comply with all other applicable requirements set forth in this chapter.

C. Junior accessory dwelling units shall not be required to provide parking.

SECTION 2. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 3. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ___ day of _____, 2021, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

COUNCIL COMMUNICATION

CC #: 1457
File #: 0709-03

Title: Second Reading - Density Bonus Ordinance Update
Contact: Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.23.

RECOMMENDATION TO COUNCIL

ORDINANCE NO. 6362 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING CHAPTER 19.28 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING RESIDENTIAL DENSITY BONUS, second reading and adoption.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

Not applicable.

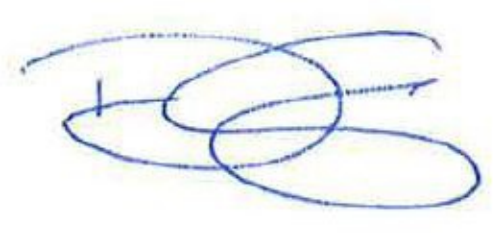
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Not applicable.

Respectfully Submitted,

Lauren Hocker, Senior Planner

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6362

ORDINANCE NO. 6362

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING CHAPTER 19.28 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING RESIDENTIAL DENSITY BONUS

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Chapter 19.28 of Title 19 of the Roseville Municipal Code is hereby amended to read as follows:

Chapter 19.28 RESIDENTIAL DENSITY BONUS

19.28.010 Purpose.

This chapter is adopted pursuant to the provisions of California Government Code Sections 65915 through 65918, as they now exist or may hereafter be amended. The purpose of adopting this chapter is to encourage affordable housing by providing the incentive of increased density and such other incentives provided by this chapter. The provisions of this chapter are intended to comply with California Government Code Sections 65915 through 65918. In the event that any provision of this chapter conflicts with California Government Code Sections 65915 through 65918, state law shall control over the conflicting provision.

19.28.020 Definitions.

For the purpose of this chapter, the following words and phrases shall have the following meanings:

A. "Approving authority" is as defined in the Roseville Municipal Code Title 19, Zoning Section 19.78.020.

B. "Child care facility" is defined as a child day care facility other than a family day care home, including, but not limited to, infant centers, preschools, extended day care facilities, and school-age child care centers.

C. "Density bonus" is defined as an increase in density over the otherwise maximum allowable residential density under the applicable general plan designation as of the date of filing of an application for density bonus with City or, if elected by the applicant, a lesser percentage of density increase. A density bonus request shall be considered as a component of a qualified housing development.

D. "Development standard" is defined as the site, development, or construction standards and/or conditions of approval that apply to a residential development.

E. "Housing development" is defined as a development project for five or more residential units, including mixed-use developments, constructed within a large lot parcel. For the purposes of this chapter, "housing development" also includes a subdivision or common interest development as defined in Section 4100 of the Civil Code and consists of residential units or unimproved residential lots. A density bonus shall be permitted in geographic areas of the housing development other than the areas where the affordable units are located, so long as the density bonus units are located on the same large lot parcel.

F. "Incentive" is defined as a reduction in site development standards or a modification of zoning code requirements or architectural design requirements that exceed the minimum building standards approved by the California Building Standards Commission. An incentive can be requested by the applicant for purposes of reducing the cost of development to make the project financially feasible. The term "incentive" includes the term "concession" as that term is used in California Government Code Sections 65915 through 65918.

G. "Large lot parcel" is defined as that term is used in any applicable specific plan (large lot parcel is hereby generally deemed as a geographic area).

H. "Located within one-half mile of a major transit stop" means that any point on a proposed development, for which an applicant seeks a density bonus, other incentives or concessions, waivers or reductions of development standards, or a vehicular parking ratio pursuant to this chapter, is within one-half mile of any point on the property on which a major transit stop is located, including any parking lot owned by the transit authority or other local agency operating the major transit stop.

I. "Lower income" is defined as less than 80 percent of the area median income, as defined by Section 50079.5 of the California Health and Safety Code.

J. "Lower income unit" is defined as a unit with an affordable rent or payment that does not exceed 30 percent of 60 percent of area median income adjusted for family size appropriate for the unit.

K. "Major transit stop" is defined as a site containing any of the following: (1) an existing rail or bus rapid transit station; (2) a ferry terminal served by either a bus or rail transit service; or (3) the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods.

L. "Moderate income" is defined as less than 120 percent of the area median income, as defined in Section 50093 of the California Health and Safety Code.

M. "Moderate income unit" is defined as a unit with an affordable rent or payment that does not exceed 35 percent of 120 percent of area median income adjusted for family size appropriate for the unit.

N. "Unobstructed access to a major transit stop" means a resident is able to access the major transit stop without encountering natural or constructed impediments. "Natural or constructed impediments" includes, but is not limited to, freeways, rivers, mountains, and bodies of water, but does not include residential structures, shopping centers, parking lots, or rails used for transit.

O. "Very low income" is defined as less than 50 percent of the area median income, as defined in Section 50105 of the California Health and Safety Code.

P. "Very low income unit" is defined as a unit with an affordable rent or payment that does not exceed 30 percent of 50 percent of the area median income, adjusted for family size appropriate for the unit.

Q. "Senior citizen housing development" is defined as a housing project where residency is restricted to persons 62 years of age or older, or 55 years of age or older in a senior citizen housing development per Section 51.3 of the California Civil Code.

19.28.030 Application requirements.

A density bonus may be approved pursuant to a request for approval of a density bonus, provided the request complies with the provisions of this chapter. Each application for a density bonus request shall be accompanied by the following:

A. A site plan that identifies all units in the project including the location of the affordable units and the bonus units.

B. A narrative briefly describing the housing development and shall include information on:

1. The number of units permitted under the general plan;

2. The total number of units proposed in the project;

3. The number of affordable and/or senior units;

4. The number of bonus units requested based on the tables provided in Section 19.28.050 of this chapter;

5. A breakdown of units proposed for very low, lower, and moderate income, senior citizen, and/or market rate units; and

6. Any requested incentive(s), including an explanation as to why the incentive(s) is required for the housing development.

C. Information indicating that appropriate and sufficient infrastructure capacity (water, sewer, roadway) and water supply is available to serve the bonus units.

D. A pro-forma illustrating the financial need for the density bonus and/or any requested incentives. The information that shall be included is as follows:

1. The project pro-forma shall include, but is not limited to: capital costs, operating expenses, return on investment, revenues, loan-to-value ratio and debt-coverage ratio, any contribution provided by subsidy programs, and the economic effect created by the use and income restrictions of the affordable units;

2. An appraisal report indicating the value of the density bonus and any incentive(s) requested; and

3. A source and use of funds statement identifying any projected financing gap of the project. The developer shall establish how much of the gap is covered by the density bonus units, and how much will be covered by the requested incentive(s).

E. Any such additional information in support of a request for a density bonus as may be requested by the planning division.

19.28.040 Eligibility for bonus.

A developer of a housing development containing five or more units may qualify for a density bonus and at least one other incentive as provided by this chapter if the developer does one of the following:

A. Agrees to construct and maintain at least five percent of the units dedicated to very low income households;

B. Agrees to construct and maintain at least 10 percent of the units dedicated to lower income households;

C. Agrees to construct and maintain at least 10 percent of the units in a common interest development (as defined in Section 4100 of the California Civil Code) dedicated to moderate income households, provided that all units in the development are offered to the public for purchase;

D. Agrees to construct and maintain a senior citizen housing development, as defined in Section 19.28.020 of this chapter, or a mobilehome park that limits residency based on age requirements for housing for older persons pursuant to Section 798.76 or 799.5 of the California Civil Code;

E. Donates land to the City dedicated for the construction of very low income units pursuant to Section 19.28.080 of this chapter;

F. Includes a qualifying child care facility as described in Section 19.28.070 of this chapter in addition to providing housing as described in subsections A through C of this section;

G. Agrees to construct and maintain at least 10 percent of the units of a housing development for transitional foster youth, as defined in Section 66025.9 of the California Education Code, disabled veterans, as defined in Section 18541 of the California Government Code, or homeless persons, as defined in the federal McKinney-Vento Homeless Assistance Act (42 U.S.C. Sec. 11301 et seq.), dedicated to very low income households;

H. Agrees to construct and maintain at least 20 percent of the units for lower income students in a student housing development pursuant to Section 19.28.085 of this chapter; or

I. Agrees to construct and maintain 100 percent of the units, including total units and density bonus units, but exclusive of a manager's unit or units, dedicated to lower income households, except that up to 20 percent of the units, including total units and density bonus units, may be dedicated to moderate income households.

19.28.050 Density bonus calculation and allowance.

A. State Law Preemption. Pursuant to state law, the granting of a density bonus or the granting of a density bonus together with an incentive(s) shall not be interpreted, in and of itself, to require a general plan amendment, specific plan amendment, rezone, or other discretionary approvals.

B. Density Bonus Calculation. An applicant must choose a density bonus from only one applicable affordability category in subsection C and may not combine categories with the exception of child care facilities or land donation, which may be combined with an affordable housing development.

C. Density Bonus Allowance. In calculating the number of units required for very low, lower and moderate income households, the density bonus units shall not be included. In no event shall a density bonus exceed 80 percent. A housing development that satisfies all applicable provisions of this chapter shall be allowed the following applicable density bonuses:

1. Very Low Income. The density bonus for very low income units shall be calculated as follows:

Percentage of Very Low-Income Units	Percentage Density Bonus
5	20
6	22.5
7	25
8	27.5
9	30
10	32.5
11	35

Percentage of Very Low-Income Units	Percentage Density Bonus
12	38.75
13	42.5
14	46.25
15	50

2. Lower Income. The density bonus for lower income units shall be calculated as follows:

Percentage of Lower Income Units	Percentage Density Bonus
10	20
11	21.5
12	23
13	24.5
14	26
15	27.5
16	29
17	30.5
18	32
19	33.5
20	35
21	38.75
22	42.5
23	46.25
24	50

3. Moderate Income. The density bonus for moderate income ownership units shall be calculated as follows:

Percentage of Moderate-Income Units	Percentage Density Bonus
10	5
11	6
12	7
13	8
14	9
15	10
16	11
17	12
18	13
19	14
20	15

Percentage of Moderate-Income Units	Percentage Density Bonus
21	16
22	17
23	18
24	19
25	20
26	21
27	22
28	23
29	24
30	25
31	26
32	27
33	28
34	29
35	30
36	31
37	32
38	33
39	34
40	35
41	38.75
42	42.5
43	46.25
44	50

4. Senior Citizen Housing Development. The density bonus for a senior citizen housing development that provides housing for seniors consistent with Section 19.28.040 of this chapter shall be 20 percent.

5. Child Care Facility. A project (whether a housing, commercial, or industrial project) is eligible for a density bonus for a child care facility when in compliance with Section 19.28.070 of this chapter and California Government Code Section 65917.5.

6. Donation of Land. A project is eligible for the following density bonus for the donation of land when in compliance with Section 19.28.080 of this chapter:

Percentage of Very Low-Income Units	Percentage Density Bonus
10	15
11	16
12	17
13	18
14	19

15	20
16	21
17	22
18	23
19	24
20	25
21	26
22	27
23	28
24	29
25	30
26	31
27	32
28	33
29	34
30	35

7. Conversion of Apartments to Condominiums. A project is eligible for a 25 percent density bonus for the conversion of apartments to condominiums when in compliance with California Government Code Section 65915.5.

8. Foster Youth, Disabled Veterans, and Homeless Persons. The density bonus for a housing development for transitional foster youth, disabled veterans, or homeless persons shall be 20 percent.

9. Students. The density bonus for a student housing development that provides housing for students consistent with Section 19.28.085 of this chapter shall be 35 percent.

10. One Hundred Percent Affordable. The density bonus for a 100 percent affordable housing development consistent with Section 19.28.040(I) of this chapter shall be 80 percent of the number of units for lower income households. Except that, if the affordable housing development is located within one-half mile of a major transit stop, maximum density requirements shall not apply.

19.28.060 Eligibility and application requirements for incentives.

A. Available Incentives. A housing development qualifying for a density bonus may be entitled to at least one incentive. Incentives may include, but are not limited to:

1. A reduction in site development standards such as:

a. Reduced minimum lot sizes and/or dimensions.
b. Reduced minimum lot setbacks.
c. Reduced minimum outdoor and/or private outdoor living area.
d. Increased maximum lot coverage.
e. Increased maximum building height and/or stories.
f. Reduced on-site parking requirements.
g. Reduced street standards.

2. A reduction in architectural design requirements.

3. A density bonus greater than the amount required by this chapter.

4. Other regulatory incentives proposed by the developer or the City, which result in identifiable, financially sufficient, and actual cost reductions.

B. Parking Requirements. If an applicant qualifies for a density bonus pursuant to this chapter, the applicant may request, in addition to any requested incentive(s), that reduced parking requirements be applied to the project in place of the City's current parking requirements. The parking requirement is inclusive of accessible and guest parking for the entire housing development, but shall not include on-street parking spaces in the count towards the parking requirement. The housing development may provide onsite parking through tandem or uncovered parking, but not through on-street parking. In calculating the number of parking spaces required for a development, if the total number of parking spaces is other than a whole number, the number shall be rounded up to the next whole number.

1. Except as otherwise provided in this subsection, the following parking requirements shall apply:

a. Zero to one bedroom: one on-site parking space.

b. Two to three bedrooms: one and one-half on-site parking spaces.

c. Four or more bedrooms: two and one-half on-site parking spaces.

2. If the housing development includes at least 20 percent lower income units or at least 11 percent very low income units, is located within one-half mile of a major transit stop, and there is unobstructed access to the major transit stop from the development, then the parking requirement shall be one-half on-site parking space per unit.

3. If a housing development consists solely of rental units, exclusive of a manager's unit or units, with an affordable housing cost to lower income families, as provided in Section 50052.5 of the California Health and Safety Code, then no parking spaces shall be required as long as the development meets either of the following criteria:

a. The development is located within one-half mile of a major transit stop and there is unobstructed access to the major transit stop from the development; or

b. The development is a for-rent housing development for individuals who are 62 years of age or older that complies with Sections 51.2 and 51.3 of the California Civil Code and the development has either paratransit service or unobstructed access, within one-half mile, to fixed bus route service that operates at least eight times per day.

4. If a housing development consists solely of rental units, exclusive of a manager's unit or units, with an affordable housing cost to lower income families, as provided in Section 50052.5 of the California Health and Safety Code, and the development is either a special needs housing development, as defined in Section 51312 of the California Health and Safety Code, or a supportive housing development, as defined in Section 50675.14 of the California Health and Safety Code, then no parking spaces shall be required. A development that is a special needs housing development shall have either paratransit service or unobstructed access, within one-half mile, to fixed bus route service that operates at least eight times per day.

C. Eligibility for Incentives. Incentives are available to a housing developer as follows:

1. One incentive for housing developments that: (a) restrict at least 10 percent of the total units to lower income households, at least five percent for very low income households, or at least 10 percent for persons and families of moderate income in a common interest development, or (b) are for senior housing.

2. Two incentives for housing developments that restrict at least 17 percent of the total units to lower income households, at least 10 percent for very low income households, or at least 20 percent for persons and families of moderate income in a common interest development.

3. Three incentives for housing developments that restrict at least 24 percent of the total units for lower income households, at least 15 percent for very low income households, or at least 30 percent for persons and families of moderate income in a common interest development.

4. Four incentives for housing developments that restrict 100 percent of the units, including total units and density bonus units, but exclusive of a manager's unit or units, dedicated to lower income households, except that up to 20 percent of the units, including total units and density bonus units, may be dedicated to moderate income households. If the project is located within one-half mile of a major transit stop, the applicant shall also receive a height increase of up to three additional stories, or 33 feet.

19.28.070 Child care facilities.

A. Child Care Facility Density Bonus. When an applicant proposes to construct a housing development that is eligible for a density bonus under Section 19.28.040 of this chapter and California Government Code Section 65917.5, and includes a child care facility that will be located on the premises or adjacent to the housing development, the City shall grant either:

1. An additional density bonus that is an amount of square feet of residential space that is equal to or greater than the square footage of the child care facility; or

2. An additional incentive that contributes significantly to the economic feasibility of the construction of the child care facility.

B. Child Care Facility Requirements. The City shall require, as a condition of approving the housing development, that the following occur:

1. The child care facility shall remain in operation for a period of time that is as long as or longer than the period of time during which the affordable units are required to remain affordable per this chapter; and

2. Of the children who attend the child care facility, the children of very low income households, lower income households or families of moderate income households shall equal a percentage that is equal to or greater than the percentage of affordable units in the housing development that are required for very low, lower or families of moderate income households.

C. Child Care Facility Criteria. The City shall not be required to provide a density bonus or incentive for a child care facility if it finds, based upon substantial evidence, that the community has adequate child care facilities.

19.28.080 Donation of land.

A. Donation of Land Density Bonus. When a developer of a tentative subdivision map, parcel map, or other residential development donates land to the City, the developer shall be entitled to a density bonus above the otherwise maximum allowable residential density, up to a maximum of 35 percent depending on the amount of land donated (see Section 19.28.050 of this chapter). This increase shall be in addition to any increase in density permitted by Section

19.28.040 of this chapter up to a maximum combined density increase of 35 percent if an applicant seeks both the increase required by Section 19.28.040 and this section of this chapter.

The developer shall be eligible for the density bonus for the donation of land, if all of the following conditions are met:

1. The developer shall donate and transfer land no later than the date of approval of the final subdivision map, parcel map, or residential development application.

2. The developable acreage and zoning classification of the land being transferred are sufficient to permit construction of units affordable to very low income households in the amount not less than 10 percent of the residential units in the proposed development.

3. The transferred land is at least one acre in size or of sufficient size to permit development of at least 40 units, has the appropriate general plan designation, is appropriately zoned for development as affordable housing, and is or will be served by adequate public facilities and infrastructure. The transferred land shall have appropriate zoning and development standards to make the development of the affordable units feasible. No later than the date of approval of the final subdivision map, parcel map, or of the residential development, the transferred land shall have all of the permits and approvals, other than building permits, necessary for the development of the very low income units on the transferred land, except that the City may subject the proposed development to subsequent design review if the design is not reviewed by the local government prior to the time of transfer.

4. The transferred land and the affordable units shall be subject to a deed restriction ensuring continued affordability of the units consistent with Section 19.28.110 of this chapter if required by financing programs or subsidy programs.

5. The land is transferred to the City or to a housing developer approved by the City. The City may require the developer to identify and transfer the land to the affordable housing developer.

6. The transferred land shall be within the boundary of the proposed development or, if the City determines appropriate, within one-quarter mile of the boundary of the proposed development.

7. A proposed source of funding for the very low income units shall be identified no later than the date of approval of the final subdivision map, parcel map, or residential development application.

19.28.085 Student housing.

A. Student Housing Density Bonus Requirements. In order for a student housing development to be eligible for a density bonus under Section 19.28.040 of this chapter, the student housing development must meet the following requirements:

1. All units in the student housing development shall be used exclusively for undergraduate, graduate, or professional students enrolled full time at an institution of higher education accredited by the Western Association of Schools and Colleges or the Accrediting Commission for Community and Junior Colleges. The developer shall, as a condition of receiving a certificate of occupancy, provide evidence to the City that the developer has entered into an operating agreement or master lease with one or more institutions of higher education for the institution or institutions to occupy all units of the student housing development with students from that institution or institutions.

2. The applicable 20 percent units will be used for lower income students. For purposes of this clause, "lower income students" means students who have a household income and asset level that does not exceed the level for Cal Grant A or Cal Grant B award recipients as set forth in paragraph (1) of subdivision (k) of Section 69432.7 of the California Education Code.

3. The rent provided in the applicable units of the development for lower income students shall be calculated at 30 percent of 65 percent of the area median income for a single-room occupancy unit type.

4. The development will provide priority for the applicable affordable units for lower income students experiencing homelessness.

B. Definition of Units. For purposes of calculating a density bonus granted for a student housing development, the term "unit" means one rental bed and its pro rata share of associated common area facilities.

19.28.090 General guidelines.

A. Location of Bonus Units. As required by California Government Code Section 65915(i), the location of density bonus units within the qualifying housing development may be at the discretion of the developer, and need not be in the same area of the project where the units for the lower income households are located as long as the density bonus units are located within the same housing development.

B. Preliminary Review. A developer may submit to the planning division a preliminary proposal for the development of housing pursuant to this chapter prior to the submittal of any formal application for a density bonus. The City shall, within 90 days of receipt of a written proposal, notify the housing developer in writing of either: (1) any specific requirements or procedures under this chapter, which the proposal has not met; or (2) the proposal is sufficient for preparation of an application for density bonus.

C. Infrastructure and Supply Capacity. Criteria to be considered in analyzing the requested bonus will include the availability and capacity of infrastructure (water, sewer, road capacity, etc.) and water supply to accommodate the additional density.

19.28.100 Findings for approval for density bonus and/or incentive(s).

A. Density Bonus Approval. The following finding shall be made by the Approving Authority in order to approve a density bonus request:

1. The density bonus request meets the requirements of this chapter.

B. Density Bonus Approval with Incentive(s). The following findings shall be made by the Approving Authority in order to approve a density bonus and incentive(s) request:

1. The density bonus request meets the requirements of this chapter;

2. The incentive is required in order to provide affordable housing; and

3. Approval of the incentive(s) will have no specific adverse impacts upon health, safety, or the physical environment or on any real property that is listed in the California Register of Historical Resources and for which there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact without rendering the development unaffordable to very low, low, and moderate income households.

C. Denial of a Request for an Incentive(s). The Approving Authority shall make the following findings prior to disallowing an incentive (in the case where an accompanying density bonus may be approved, or in the case of where an incentive(s) is requested for senior housing or child care facility):

1. That the incentive is not necessary in order to provide for affordable housing costs as defined in Section 19.28.020 of this chapter, or for rents for the targeted units to be set as specified in Section 19.28.020 of this chapter.

2. That the incentive would result in specific adverse impacts upon health, safety, or the physical environment or on any real property that is listed in the California Register of Historical Resources and for which there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact without rendering the development unaffordable to very low, low, and moderate income households.

3. That the incentive would be contrary to state or federal law.

19.28.110 Affordable housing agreement required.

A. Agreement Required. In approving a density bonus, the associated permit or tentative map shall require that an affordable housing agreement, or other form of agreement as approved by the City Attorney, effectuating the terms of affordability of the development be executed prior to effectuation of the permit or recordation of the final map.

B. Continued Availability. The density bonus request shall include the procedures proposed by the developer to maintain the continued affordability of all affordable income density bonus units and shall be evidenced by an affordable housing agreement as follows:

1. An applicant shall agree to, and the City shall ensure, continued affordability of all very low and low income units that qualified the applicant for the award of the density bonus for 55 years or a longer period of time if required by the construction or mortgage financing assistance program, mortgage insurance program, or rental subsidy program. Rents for the lower income density bonus units shall be set at an affordable rent as defined in Section 19.28.020 of this chapter. Owner-occupied units shall be available at an affordable housing cost as defined in Section 19.28.020 of this chapter.

2. An applicant shall agree to, and the City shall ensure that, the initial occupants of the moderate income units are directly related to the receipt of the density bonus in the common interest development as defined in Section 4100 of the California Civil Code, are persons and families of moderate income, as defined in Section 19.28.020 of this chapter and that the units are offered at an affordable housing cost, as that cost is defined in Section 19.28.020 of this chapter. The City shall enforce an equity-sharing agreement unless it is in conflict with the requirements of another public funding source or law. The following apply to the equity-sharing agreement:

a. Upon resale, the seller of the unit shall retain the value of any improvements, the down payment, and the seller's proportionate share of appreciation. The City shall recapture any initial subsidy and its proportionate share of appreciation, which shall then be used within five years for any of the purposes described in subdivision (e) of Section 33334.2 of the California Health and Safety Code that promote homeownership.

b. For purposes of this subdivision, the City's initial subsidy shall be equal to the fair market value of the home at the time of initial sale minus the initial sale price to the moderate-income household plus the amount of any down payment assistance or mortgage

assistance. If upon resale the market value is lower than the initial market value, then the value at the time of the resale shall be used as the initial market value.

c. For purposes of this subdivision, the City's proportionate share of appreciation shall be equal to the ratio of the initial subsidy to the fair market value of the home at the time of initial sale.

C. Specialty Units. In approving a density bonus for units for transitional foster youth, disabled veterans, homeless persons, and students, the associated permit or tentative map shall require that an affordable housing agreement, or other form of agreement as approved by the City Attorney, effectuating the terms of affordability of the development for 55 years be executed prior to effectuation of the permit or recordation of the final map. In addition, for units for transitional foster youth, disabled veterans and homeless persons, the units shall be provided at the same affordability level as very low income units.

SECTION 2. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 3. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ___ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

COUNCIL COMMUNICATION

CC #: 1456
File #: 0800-06

Title: Second Reading - Objective Design Standards
Contact: Gina McColl 916-774-5452 gmccoll@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.24.

RECOMMENDATION TO COUNCIL

ORDINANCE NO. 6363 OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 19.74.010 OF CHAPTER 19.74 AND SECTION 19.95.030 OF CHAPTER 19.95 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING PERMIT AND VARIANCE REQUIREMENTS AND ZONING DEFINITIONS, for second reading and adoption.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

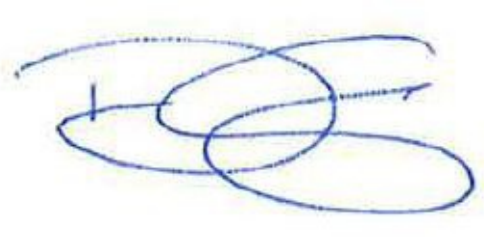
Not applicable.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Respectfully Submitted,

Gina McColl, Associate Planner

Mike Isom, Development Services Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6363

ORDINANCE NO. 6363

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 19.74.010 OF CHAPTER 19.74 AND SECTION 19.95.030 OF CHAPTER 19.95 OF TITLE 19 OF THE ROSEVILLE MUNICIPAL CODE REGARDING PERMIT AND VARIANCE REQUIREMENTS AND ZONING DEFINITIONS

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 19.74.010 of Chapter 19.74 of Title 19 of the Roseville Municipal Code is hereby amended to read as follows:

19.74.010 Permit requirements.

In addition to any other approval required by this Code or by applicable law, the following discretionary approvals may be required:

A. Administrative Permit (AP). An Administrative Permit shall be obtained pursuant to this title prior to initiation of certain activities or construction of improvements which are permitted pursuant to Articles II, III and IV of this title and only upon compliance with specific standards as specified in this title. The Approving Authority for Administrative Permits shall be the Planning Manager as outlined in Section 19.78.020 (and following public notice, the Planning Manager may waive the requirement for a public hearing). If a public hearing is requested, the Planning Manager shall schedule and notice the permit for public hearing by the Planning Commission except as otherwise specified by this title.

B. Conditional Use Permit (CUP). A Conditional Use Permit shall be obtained prior to initiation, modification or expansion of a use pursuant to Article II and III, and upon compliance with specific standards, as applicable, of Article IV of this title. The Approving Authority for Conditional Use Permits shall be the Planning Commission as outlined in Section 19.78.020.

C. Design Review Permit, Minor (MDRP). A Minor Design Review Permit shall be obtained prior to the issuance of a building permit for minor improvements to multi-family residential and non-residential developments, including but not limited to the following types of projects:

1. Minor facade improvements including color changes and/or the introduction of a new exterior building material, provided these are consistent with the Community Design Guidelines and/or the applicable specific plan design guidelines;

2. A project within the Downtown Specific Plan area which is consistent with the design guidelines and regulations outlined within the Downtown Code; and

3. Other minor alterations, enlargements or remodels to existing buildings, structures and/or improvements which are: (a) compatible with and in substantial conformance with the existing development and/or the previously approved permit; (b) do not create the need for new parking nor affect existing required parking; and (c) meet all the requirements of this title and the Community Design Guidelines.

With the exception of projects involving a significant building, a MDRP is not required for: a single family residence or a two family residence; repair and maintenance including

repainting and replacement with same colors and materials; or for projects listed in Section 19.72.020 that are issued a Zoning Clearance Certificate. The Approving Authority for Minor Design Review Permits is the Planning Manager, as outlined in Section 19.78.020.

If in the opinion of the Planning Manager, a project is not in substantial conformance with applicable adopted design guidelines or prior conditions of approval, or if the Planning Manager determines that, because of location, size or design that the public hearing should not be waived, the Planning Manager may require the project be processed as a Modification to the original design review permit, as outlined in subsection (I) below.

D. Design Review Permit (DRP). A Design Review Permit shall be obtained prior to the issuance of a building permit or improvement plan for the following types of multi-family and non-residential projects:

1. New construction of multi-family residential, commercial and industrial projects;

2. Significant site, circulation, and parking modifications which in the opinion of the Planning Manager, significantly differs from the project originally approved by the Approving Authority, and which the Planning Manager determines will not be processed through a Modification;

3. Demolition of a significant building as defined in Chapter 19.61 of this title, and as otherwise required by this title;

4. Projects which deviate from the requirements or standards of adopted Community Design Guidelines or an applicable, adopted specific plan;

5. Any other improvements subject to design review as designated by resolution of the City Council from time to time; and

6. Any other improvements subject to design review that the Planning Manager determines, based on the project size, complexity, significant changes or other factors, shall be processed through a Design Review Permit.

With the exception of projects involving a significant building, a Design Review Permit is not required; for a single family residence or a two family residence; repair and maintenance including repainting and replacement with same colors and materials of multi-family residential or non-residential buildings; for projects processed through a Major Project Permit as outlined in Chapter 19.82; for projects processed through a Design Review Permit for Residential Subdivision (DRRS) identified in subsection E; or for qualified affordable housing projects, as defined in Section 19.95.030(Q)(1), where the applicant has elected to process their qualified project using the City's Objective Design Standards through the ministerial building permit process in lieu of the City's discretionary Design Review Permit process. The approving authority for a Design Review Permit is the Design Committee, as outlined in Section 19.78.020, unless the Design Review Permit is being processed in conjunction with any permit where Chapter 19.74 identifies the Planning Commission as the Approving Authority.

E. Design Review Permit for Residential Subdivisions (DRRS). A Design Review Permit for Residential Subdivisions shall be obtained when required in Article II concurrent or following processing an application for a tentative residential subdivision map. The Approving Authority for design review for residential subdivisions is the Planning Commission. If, in the opinion of the Planning Manager, a Design Review Permit for Residential Subdivision is not consistent with the goals and intent of the compact residential component of the Community

Design Guidelines, the Planning Manager may refer the application to the Design Committee for an advisory recommendation to be considered by the Planning Commission.

F. Extension (EXT). An extension shall be obtained pursuant to the requirements of Section 19.76.210. The Approving Authority for extensions shall be the Planning Manager, unless the Planning Manager determines that a public hearing is required. The Planning Commission shall be the Approving Authority for all other extensions requiring a public hearing.

G. Flood Encroachment Permit (FEP). A flood encroachment permit shall be obtained prior to commencement of any use or activity, as listed in Chapter 19.18, within the floodway or floodway fringe zone. The Approving Authority for a flood encroachment permit shall be the Planning Commission.

H. Major Project Permit (MPP). A major project permit shall be obtained pursuant to Chapter 19.82, prior to initiation of construction on a project as defined in Section 19.82.020. The Approving Authority for each stage of a major project permit shall be as indicated in Chapter 19.82.

I. Modification (MOD). A modification shall be obtained pursuant to the requirements of Section 19.76.180. The Approving Authority for modifications shall be the Planning Manager, unless the Planning Manager determines that a public hearing is required. If a public hearing is required for a modification, refer to the table in Section 19.78.020 for the Approving Authority of the original entitlement.

J. Tree Permit (TP). A Tree Permit shall be obtained, pursuant to Chapter 19.66 prior to conducting any regulated activity within the protected zone of a native oak tree or the removal of a native oak tree. The Approving Authority for Tree Permits shall be the Planning Commission, unless the Tree Permit is processed in conjunction with a permit reviewed by the Design Committee (DC) in which case the Approving Authority shall be the DC.

K. Tree Permit, Administrative (ATP). An Administrative Tree Permit shall be obtained, pursuant to Chapter 19.66 prior to conducting any regulated activity within the protected zone of a native oak tree or the removal of a native oak tree, pursuant to Section 19.66.030. The Approving Authority for Administrative Tree Permits shall be the Planning Manager, unless the Administrative Tree Permit is processed in conjunction with another permit or variance under this title, in which case the Approving Authority shall be the Approving Authority for the other permit or variance.

SECTION 2. Section 19.95.030 of Chapter 19.95 of Title 19 of the Roseville Municipal Code is hereby amended to read as follows:

A. 1. Accessory Building or Structure: (See Building, Accessory).

2. Act: The Fair Housing Amendments Act of 1988.

3. Amendment: Any change, modification, deletion, or addition to the wording, text or substance of this title or any change, modification, deletion, or addition to the application of this title to property within the City of Roseville, including any alteration in the boundaries of a zone district, when adopted by ordinance passed by the City Council in the manner prescribed by law.

4. Antenna: A device used in communications which transmits or receives radio signals. Common forms of antennae are panel arrays and whip antennas. Panel arrays are designed to concentrate a radio signal in a particular area and are typically flat and rectangular in design. Whip antennas transmit a signal 360 degrees and are cylindrical with an 18-foot height limit.

a. Co-Location. Locating wireless communications equipment from more than one provider on a single site.

b. Telecommunication Facility. A land use facility supporting antennas and microwave dishes that sends and/or receives radio-frequency signals. Communication facilities include structures (aka monopole, towers) and accessory buildings.

c. Dish Antenna. A dish-like antenna used to link communication sites together by wireless transmission of voices or data. Also called microwave antenna or microwave dish antenna.

d. Equipment Building, Shelter or Cabinet. A structure designed and used to house equipment used by telecommunication providers at a facility.

e. Monopole. A structure of a single spire used to support communications equipment.

f. Related Equipment. All equipment ancillary to the transmission and reception of voice and data via radio frequencies. Such equipment may include, but is not limited to, cable, conduit and connectors.

g. Satellite Antennas. A satellite antenna is a dish like antenna used to link communications sites together by wireless transmission of voice or data. Also called microwave antenna or microwave dish antenna.

h. Stealth Facility. Any communications facility which is designed to blend into the surrounding environment. Examples of stealth facilities may include architecturally screened roof-mounted antennas, building mounted antennas painted to match the existing structure, antennas integrated into architectural elements, and antenna structures designed to link like light poles. Also called concealed antennas.

i. Telecommunication Tower. A mast, pole, monopole or guyed or lattice, free-standing tower designed and primarily used to support antennas, to include dishes, arrays and similar devices.

5. Appellate Approving Authority: As designated in Section 19.80.020, it is either the Planning Commission or the City Council that is authorized to hear and act on appeals to actions and decisions provided by this title.

6. Approving Authority: As designed in Section 19.80.020, it means one of the following depending on the nature of the application: City Council, Planning Commission, Design Committee, Planning Manager, or designee.

B. 1. Building: Any structure having a roof supported by columns and/or walls and intended for the shelter, housing and enclosure of any individual, animal, process, equipment, vehicles, goods or materials of any kind or nature.

2. Building or Structure, Accessory: A building or structure detached from a principal building on the same lot and incidental to the principal building.

3. Building or Structure, Nonconforming: A building or structure, or portion thereof, which was lawfully erected, altered or maintained, prior to the effective date of the ordinance codified in this title, but which, because of the application of this title to it, no longer conforms to the specific regulations applicable to the zoning district in which it is located.

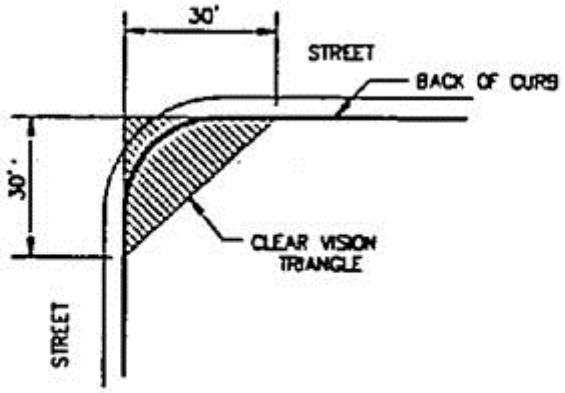
4. Building(s), Primary: A building(s) devoted primarily to the principal or conditionally permitted use of the lot or building site on which it is situated, as permitted by this title.

5. Bus Depot or Station: A place of business serving as a point of arrival or departure for passengers travel**ing by intercity or interstate bus, except those buses operated by a governmental entity.**

C. 1. City: The City of Roseville, California.

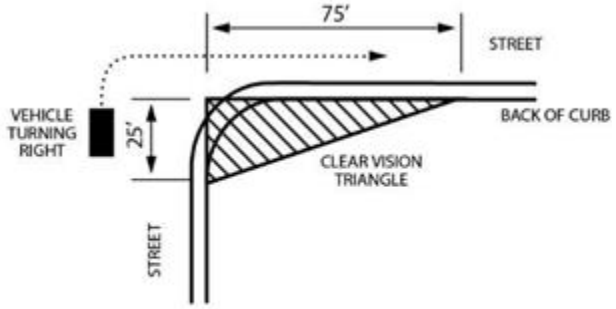
2. City Council: The City Council of the City of Roseville.

3. Clear Vision Triangle, Commercial: That portion of both private property and public right-of-way located at any corner where two streets intersect. The clear vision triangle is defined by the triangular area created by the diagonal connection of two points measured 30 feet back from the intersection of the prolongation of points measured along the front and corner street side back of curb (see figure below). The dimensions of the clear vision triangle may be required to be increased if the Director of Public Works determines that additional area is needed to ensure that a potential traffic hazard is not created



CLEAR VISION TRIANGLE - COMMERCIAL
NO SCALE

4. Clear Vision Triangle, Residential: The clear vision triangle is defined by the path of travel of a vehicle making a right turn at an intersection, and is intended to preserve appropriate line-of-sight for the driver and pedestrians at a turn. The clear vision triangle is the area created by the diagonal connection of two points measured 25 feet along the back of curb on the right-hand side of the vehicle as it approaches the intersection to turn right, and 75 feet along the perpendicular side of the back of curb on the right-hand side of the vehicle as it completes the turn and departs the intersection (see figure below).



CLEAR VISION TRIANGLE - RESIDENTIAL
NO SCALE

5. Compact Residential Development: Attached or detached single-family housing units on a parcel or parcels with a General Plan land use designation of medium density residential or higher (seven dwelling units per acre or higher, as depicted on the General Plan Land Use Map).

6. Condominium: An estate in real property consisting of an undivided interest in common in portions of a parcel of real property together with a separate interest in a dwelling, industrial or commercial building on such real property, such as an apartment, office, warehouse or store. A condominium may include, in addition, a separate interest in other portions of such real property.

7. Condominium Conversion: Condominium conversion occurs whenever a multiple residential dwelling unit building or a residential housing project containing three or more dwelling units under the same ownership, or such a project that has been granted an occupancy permit is subdivided so that individual dwelling units are available for sale as condominiums within the meaning of Civil Code Section 783.

8. Cooking: As referred to in Section 19.08.080 and Chapter 19.60, "cooking" means that the unit will contain a residential stove/oven/cooktop requiring dedicated utility connections such as large amperage wiring or a dedicated gas connection.

9. Council, or City Council: The City Council of the City of Roseville, California.

10. Construction Trailer: A trailer used as an on-site office only during actual construction of an approved building site.

D. 1. Density: The number of dwelling units per gross acre excluding accessory dwelling units pursuant to Government Code Section 65852.2.

2. Department: The planning and redevelopment department of the City of Roseville.

3. Design Guidelines: A set of guidelines adopted by the City of Roseville, defining elements and dimensions to be followed in site, building design, landscaping and development.

4. Development: Shall be as defined by California Government Code Section 65927.

5. Development Standard: Those parts of a zone district and any other regulation of this title which regulates aspects of physical development, including, but not limited to, density, lot area, lot width, lot coverage, building height, and setbacks.

6. Disabled Person: Any person who has a physical or mental impairment that substantially limits one or more major life activities; anyone who is regarded as having such impairment; or anyone who has record of such impairment. People who are currently using illegal substances are not covered under the Act unless they have a separate disability or otherwise qualify.

7. Distance between Structures: The shortest horizontal distance measured between two vertical walls of two structures.

E. 1. Expansion, Building or Structure: An alteration of a building/structure that results in an increase in its size, either in extent or bulk, or an increase in its area or volume.

2. Expansion, Use: An alteration of a use that results in an increase in its size, either in extent, intensity or in the nature of the activities conducted.

F. 1. Family: An individual or group of two or more persons occupying a dwelling and living together as a single housekeeping unit in which each resident has access to all parts of the dwelling and where the adult residents share expenses for food or rent.

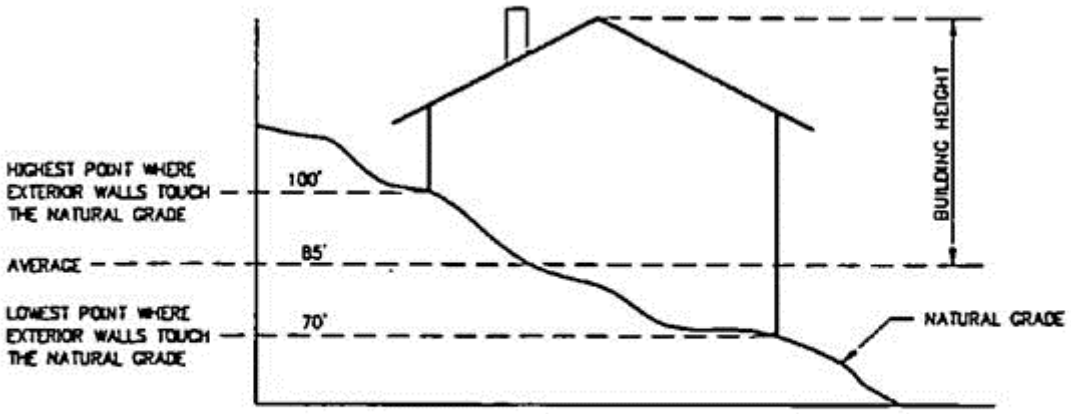
2. Fence: An artificially constructed barrier of any material or combination of materials erected to enclose, screen, or separate areas.

G. 1. Garage Sale: The temporary sale of used household or personal articles held on the seller's own residential premises, also referred to as a yard sale or rummage sale.

2. General Plan: As used in this title, the term General Plan means the City of Roseville General Plan, and all revisions and amendments to the Plan.

3. Group Home: Those uses or facilities identified with Sections 19.08.070(J)(3), 19.08.080(C), 19.08.080(D) and such other sections of this title, which provide for the care of disabled or supervised individual(s).

H. 1. Height, Building and Other Structures: The vertical distance from the highest point of the building or structure to the average of the highest and lowest points where the exterior walls or supports touch the natural grade.



BUILDING HEIGHT FROM AVERAGE GRADE
NO SCALE

2. Height, Fence or Wall: The height of a fence or wall shall be determined from the highest finished grade adjacent to the fence or wall.

3. Home, Model Complex: One or more dwelling units or one temporary trailer temporarily used for display purposes as an example of dwelling units available or to be available for sale or rental for the first time in a particular subdivision or residential development which may be comprised of single detached, semi-detached, or multiple unit dwellings, or a combination thereof. It also includes one sales office and associated parking.

I. Reserved.

J. 1. Junk Yard: Any area of 200 square feet or more used for the storage of junk, scrap materials, materials, salvaged from wrecked or demolished buildings, machinery or equipment; or used for the wrecking or demolishing of automobiles, other vehicles, or machinery.

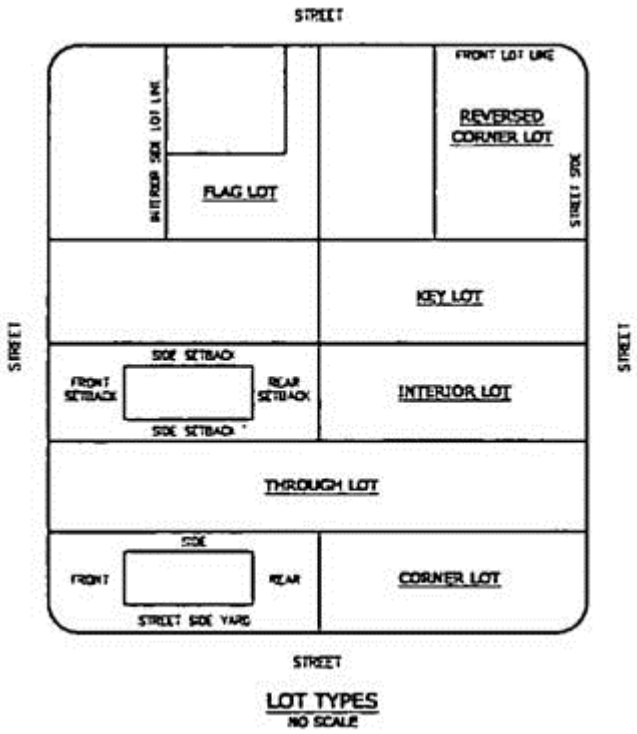
K. Reserved.

L. 1. Landscaped Area: An area devoted to lawn, groundcover, trees, or shrubs or hardscape, and as specified **in this title, the Design Guidelines, any applicable specific plan or by other City requirement.**

2. Loading Space: An area, other than a street, alley, or driving aisle, on the same lot with a building or a group of buildings which is permanently reserved and maintained for the temporary parking of commercial vehicles while loading or unloading merchandise or materials.

3. Lot: A legally created parcel of land used or capable of being used under the regulations of this title.

4. Lot, Corner: A lot located at the intersection of two or more streets, with one property boundary bordering on each street frontage (see figure).



5. Lot, Developed: A lot with buildings or structures.

6. Lot, Flag: A lot having access to a public or private street by a narrow strip of land (see figure under Lot, Corner).

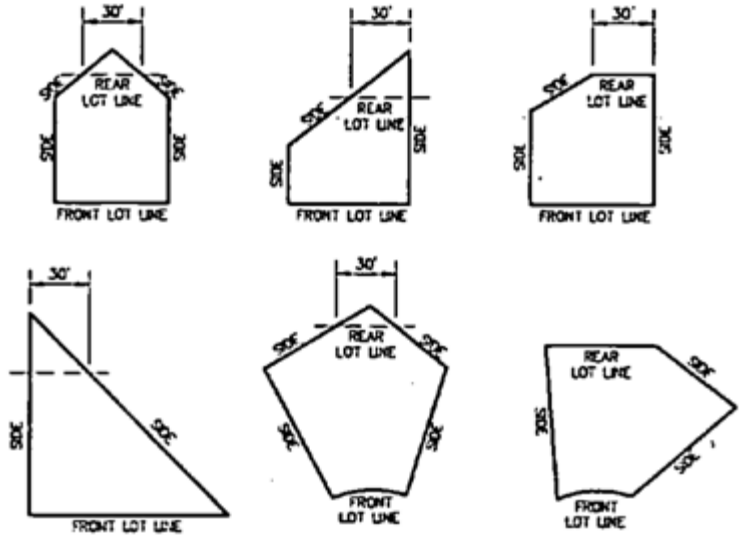
7. Lot, Frontage: That portion of the lot contiguous to the street.

8. Lot, Interior: A lot, other than a corner lot, abutting only one street (see figure under Lot, Corner).

9. Lot, Key: A lot with a side line that abuts the rear line of any one or more adjoining lots (see figure under Lot, Corner).

10. Lot Line, Front: The lot line separating a lot from a street right-of-way. The front lot line of a corner lot may face either street frontage, at the option of the owner, provided that the required rear yard setback is obtainable opposite from the front lot line.

11. Lot Line, Rear: That lot line, not intersecting a front lot line, which is most distant from and most closely parallel to the front lot line. In the case of an irregularly shaped lot or a lot bounded by only three lot lines, a line within the lot having a length of 30 feet parallel to and most distant from the front lot line shall be interpreted as the rear lot line for the purpose of determining required yards, setbacks, and other provisions of this title (see figures below).



REAR LOT LINE - IRREGULAR LOTS
NO SCALE

12. Lot Line, Side: Any lot line which is not a front or rear lot line.
13. Lot, Reversed Corner: A corner lot, the rear of which abuts the side of another lot (see figure under Lot, Corner).
14. Lot, Area: The area contained within the boundary lines of a lot.
15. Lot, Coverage: The land area covered by all primary buildings on a lot, including cantilevered enclosed space located above the ground floor.
16. Lot, Through: A lot having frontage on two generally parallel streets (see figure under Lot, Corner).
17. Lot, Width: The horizontal distance between the side lot lines, measured at the front setback line.
M. 1. Manager: The Planning Manager of the City of Roseville or the Planning Manager's designee.
2. Manufactured Home: A factory built or manufactured home permitted by State of California and federal laws.
3. Mobile Home: Same as manufactured home, but subject to the National Manufactured Housing Construction and Safety Act of 1974.
4. Mobile Home Park: Any area or tract of land where one or more mobile home lots are rented or leased or held out for rent or lease to accommodate mobile homes used for human habitation. The rental paid for any such mobile home shall be deemed to include rental for the lot it occupies.
5. Model Home Complex: One or more dwellings used for the display and sale of units and lots within a subdivision.
N. 1. Nonconforming Structure or Building: A structure or building, the size, dimensions, or location of which was lawful prior to the adoption, revision, or amendment to the Zoning Ordinance but that fails by reason of such adoption, revision, or amendment to comply to the present requirements of the zoning district.

2. Nonconforming Use: A use or activity that was lawful prior to the adoption, revision or amendment of the Zoning Ordinance but that fails by reason of such adoption, revision, or amendment to comply to the present requirements of the zoning district.

O. 1. Open Air Vending Facilities: The sale of prepared food, fresh cut flowers or plants, or the sale of items determined by the Planning Manager to be consistent with this type of use, from a stand or non-motorized non-stationary cart or pushcart.

2. Outdoor Sales Area: An outdoor area located on the same lot as the principal business used for merchandise display or storage as allowed under this title.

P. 1. Parcel: Means an area of land.

2. Parcel, Nonconforming: A parcel of land having less area, frontage, or dimensions than required in the zoning district in which it is located.

3. Parking Lot: An area of land, a yard or other open space on a lot legally used for or designed for parking motor vehicles.

4. Parking Space: An unobstructed space or area other than a street or alley which is permanently reserved and maintained for the parking of one motor vehicle.

5. Peak Load: The generation of electricity during the highest electrical demand within a particular period of time. Daily electric peaks on weekdays occur in late afternoon and early evening. Annual peaks occur on hot summer days.

6. Permitted: Means any use or activity allowed by the provisions of this title, and subject to the applicable regulations contained within this title.

7. Person: An individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, receiver, syndicate, City, local agency, or any other group or combination acting as an entity.

8. Planning Commission: The Planning Commission of the City of Roseville.

9. Property Owner: A person or persons having a possessory interest in the property, other than a periodic tenancy, estate at will, or sufferance, or a person having a contractual right which will ripen into such a possessory interest in the property.

Q. 1. Qualified Affordable Housing Project: A qualified affordable housing project is defined as either: (a) a residential multi-unit (three or more units) or mixed use housing project that provides a minimum of 20% of the units as affordable units for low, very-low or extremely low income; complies with the City's Objective Design Standards; and agrees to enter into an Affordable Housing Agreement prior to issuance of building permits; or (b) a residential project consistent with Government Code Section 65913.4, as it now exists or may hereafter be amended.

R. Reserved.

S. 1. Sale, Fundraising: The temporary sale of new or used merchandise conducted by a charitable, eleemosynary, or non-profit organization or by groups associated with churches, schools and clubs.

2. Seating Capacity: The actual seating capacity of an area based upon the number of seats of one seat per 18 inches of bench or pew length. For other areas where seats are not fixed, the seating capacity shall be determined as indicated by the Uniform Building Code.

3. Secondary Use: A purpose for which land or a building is or may be intended, occupied, maintained, arranged, or designed, which is less visible, prominent, or important than the primary use(s) on the same lot or parcel.

4. **Setback:** The required distance that a building, parking lot or other designated item must be located from a lot line. For buildings and structures, the setback is measured to the exterior face/finish of the wall, post or railing.
5. **Setback, Front:** The front setback is an area formed by a line parallel to a front lot line. The front setback is measured at right angles to the front lot line.
6. **Setback, Rear:** The rear setback is an area formed by a line parallel to the rear lot line. Rear setbacks are measured at right angles to the rear lot lines.
7. **Setback, Side:** The side setback is an area formed by a line parallel to the side lot line, that extends between front and rear setback areas. Side setbacks are measured at right angles to the side lot lines.
8. **Shopping Center:** Two or more contiguous or separate retail commercial stores that share access and/or parking, which function by design, or ultimately function, as a single entity.
9. **Street:** A public or permanent private way 30 feet or more in width, which affords a primary means of access to property.
10. **Structural Alterations:** Any change in the supporting members of a building such as foundations, bearing walls, columns, beams, floor or roof joints, girders or rafters, or changes in roof or exterior lines.
11. **Structure:** Anything constructed or erected which requires location on the ground or attachment to something having a permanent location on the ground, including, but not limited to, antennas, signs and billboards, but not including outdoor areas such as paved areas, tennis courts, driveways, parking spaces where the area is unobstructed from the ground up.
T. **1.** **"Theater"** means a building or structure used for the purpose of conducting live dramatic, comedic or musical performances, the showing of motion pictures or similar recorded media, or other live performing arts.
U. **1.** **Uniform Building Code:** The Uniform Building Code currently in use and adopted by the City of Roseville.
2. **Usable Open Space:** One or more open areas adjacent to residential uses, the purpose of which is to provide an outdoor area designed for outdoor living and recreation, and which is located at, below, or above grade. This space is typically accommodated within side and rear yard areas. The area covered by accessory structures meeting the standards for unenclosed structures (see Section 19.22.030) may be counted towards usable open space.
3. **Use:** The purpose of which land or a building is arranged, designed, or intended, or for which either land or a building is or may be occupied or maintained.
4. **Use, Accessory:** See Accessory Uses, Article III, Chapter 19.22.
5. **Use, Conditionally Permitted:** A use type subject to a Conditional Use Permit, which use may be essential or desirable to the public convenience or welfare in one or more zones but which may also impair the integrity and character of the zone or adjoining zone or be detrimental to the public health, safety or welfare unless additional restrictions on location and extent of use are imposed and enforced. Such use shall be permitted when all specific additional restrictions are completed and permanently satisfied in conformance with an approved Conditional Use Permit. Should such restrictions be of a continuing nature, the use will remain conditional so long as the restrictions are complied with, but shall become an illegal use whenever and so long as the restrictions are not complied with.
6. **Use, Primary:** The primary use or uses for which land or a building is or may be intended, occupied, maintained, arranged or designed and includes principally, conditionally and administratively permitted uses.

7. Use, Principally Permitted: The primary use of land or of a main building which use is compatible with the purpose of the zone and which is permitted in the zone. If a use is listed in a specific zone as a principally permitted use, it means that the owner, lessee or other person who has legal right to use the land, has right to conduct such principally permitted use subject to the regulations and procedural requirements of this title.

8. Use, Temporary: See Temporary Uses, Article IV, Chapter 19.64.

9. Use Type: A category or class of land uses which share common functional, product or compatibility characteristics and which have been classified under a discreet use type in these regulations, commencing at Article II of this title.

V. Reserved.

W. Reserved.

X. Reserved.

Y. Reserved.

Z. 1. Zoning District: A designated/mapped portion of the City within which a uniform set of regulations apply.

SECTION 3. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 4. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ___ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____
MAYOR

ATTEST:

_____
City Clerk

COUNCIL COMMUNICATION

CC #: 1437
File #: 0102-10

Title: Resolution - Teresa Hedges
Contact: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.25.

RECOMMENDATION TO COUNCIL

Commend Teresa Hedges for her 23 years of outstanding service and dedication to the City of Roseville, congratulate her on her many accomplishments, and extend wishes for a long, healthy, and enjoyable retirement.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

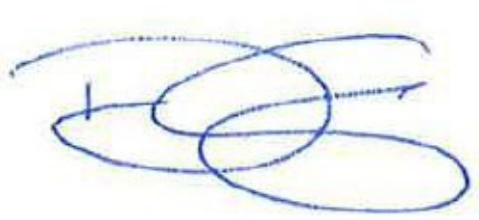
The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Ceremonial documents meet the above criteria and are not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Respectfully Submitted,

Blair Hutchison, Deputy City Clerk

Sonia Orozco, City Clerk



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution - Teresa Hedges

Resolution

WHEREAS, Teresa Hedges began her career with the City of Roseville Parks, Recreation & Libraries Department in 1998 as a part-time Day Care Aide; and

WHEREAS, Teresa was promoted to a full time Assistant Child Care Site Coordinator in 2001 to utilize her skills to assist with leading a site; and

WHEREAS, Teresa was again promoted to Child Care Site Coordinator in 2010; and

WHEREAS, Teresa showed great leadership at all her Adventure Club placements at Sargeant, Cirby, Heritage Oak and Crestmont; and

WHEREAS, Teresa helped to create and implement program standards to achieve safe and high quality year-round programming for school-age children; and

WHEREAS, Teresa organized and implemented annual events such as Crafts & Coco and the Spring Art Show & Pizza Party as a way for students to showcase their projects to family and friends; and

WHEREAS, Teresa always worked to create a family atmosphere at her site; and

WHEREAS, Teresa has been instrumental on several division committees which include J.E.T Training Team, E.A.P. Committee, Interviewing Team, Holiday Party Committee, Behavior Management Committee and Curriculum Committee; and

WHEREAS, Teresa has played an important role in Adventure Club's efforts to provide distance learning support during the pandemic closure. Roseville families were thankful for her hard work and dedication during this unique and challenging time; and

WHEREAS, Teresa is retiring after 23 years of faithful service to the citizens of Roseville, and the Parks, Recreation & Libraries Department and will be missed by her friends and coworkers; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, that **TERESA HEDGES** be commended for her 23 years of outstanding service and dedication to the City of Roseville, congratulated for her accomplishments and wished a long, healthy, and enjoyable retirement.

SIGNED AND APPROVED this 5th day of May, 2021.

CITY OF ROSEVILLE
INCORPORATED APRIL 10, 1909

KRISTA BERNASCONI, MAYOR

COUNCIL COMMUNICATION

CC #: 1438
File #: 0102-10

Title: Resolution - Vicki Sisneroz
Contact: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 7.26.

RECOMMENDATION TO COUNCIL

Commend Vicki Sisneroz for her 20 years of outstanding service and dedication to the City of Roseville, congratulate her on her many accomplishments, and extend wishes for a long, healthy, and enjoyable retirement.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

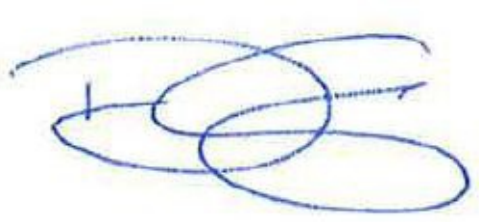
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CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Respectfully Submitted,

Blair Hutchison, Deputy City Clerk

Sonia Orozco, City Clerk



_____

Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution - Vicki Sisneroz

Resolution

WHEREAS, Vicki Sisneroz began her career with the City of Roseville Parks, Recreation & Libraries Department in 2001 as an Assistant Day Care Site Coordinator; and

WHEREAS, Vicki was promoted to a Child Care Site Coordinator in 2003 to utilize her skills to open a brand new site at Stoneridge Elementary School; and

WHEREAS, Vicki showed great leadership at all her Adventure Club placements at Sargeant, Vencil Brown, Stoneridge, Cirby, Heritage Oak and Coyote Ridge; and

WHEREAS, Vicki helped to create and implement program standards to achieve safe and high quality year-round programming for school-age children; and

WHEREAS, Vicki organized and implemented annual events such as Friendsgiving as a way for students to showcase special family traditions to their Adventure Club friends; and

WHEREAS, Vicki always worked to create a family atmosphere at her site by incorporating the community into her program such as inviting Seniors from Brookdale Retirement Home for special events; and

WHEREAS, Vicki has been instrumental on several division committees which include the Vernon Street Town Square Opening Committee, the Behavior Management Committee, the Adventure Club Training Team, the Family Fest Committee, and Wee One Wednesdays; and

WHEREAS, Vicki has played an important role in Adventure Club's efforts to provide distance learning support during the pandemic closure. Roseville families were thankful for her hard work and dedication during this unique and challenging time; and

WHEREAS, Vicki is retiring after 20 years of faithful service to the citizens of Roseville, and the Parks, Recreation & Libraries Department and will be missed by her friends and coworkers; and

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, that **VICKI SISNEROZ** be commended for her 20 years of outstanding service and dedication to the City of Roseville, congratulated for her accomplishments and wished a long, healthy, and enjoyable retirement.

SIGNED AND APPROVED this 5th day of May, 2021.

CITY OF ROSEVILLE
INCORPORATED APRIL 10, 1909

KRISTA BERNASCONI, MAYOR

COUNCIL COMMUNICATION

CC #: 1440
File #: 0800-02

Title:	Status Report on Space Planning Efforts and Future Real Estate Needs for Expanded Operations
Contact:	Devin Whittington 916-774-5783 dwhittington@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 8.1.

RECOMMENDATION TO COUNCIL

Staff will brief Council on space planning efforts and is requesting guidance and direction related to acquiring property necessary for operational expansion over the next 30 years.

BACKGROUND

The City currently owns and operates real estate holdings (the Corporation Yard located at 2005 Hilltop Rd in Roseville) to perform core functions of public service. This facility was constructed in 1993 and provides 40 acres of space divided between many City departments and divisions. The current Corporation Yard is near capacity in many aspects, from building space to parking and equipment storage. The facility has gone through several remodels and another one is currently planned to facilitate increased capacity needs.

The current remodels are planned as bridges until a long-term real estate plan can be executed. In 2017, the City's Environmental Utilities Department's Waste Services Division began investigating property needs for the next 30 years. A few key attributes to the space planning exercise were to look at future regulations impacting operations, Roseville growth projections, regional facility impacts, future departmental growth requirements, and current available industrial real estate. To better understand departmental requirements, Environmental Utilities staff met with stakeholders from the various City departments with operations in the Corporation Yard to obtain information regarding the future growth of each.

In late 2018, the Environmental Utilities Department contracted with HDR to analyze the data collected, evaluate growth, anticipate regional impacts and hedge the City's interest against non-compatible uses near utility operations such as Solid Waste facilities. HDR focused on Solid Waste operations and Water utility growth, while taking into account other City departments. Current regulations such as SB1383 and new water efficiency standards will increase staff headcount over the next 5 years.

In the Site Evaluation that HDR performed for the City, it was determined that over the next 30

years, the City would grow by 154% due to the estimated compounded growth rate of 1.28%. This means that the current operational footprint of the Corporation Yard is not sufficient when looking at growth alone. Taking into account regulatory requirements and regional impacts, it is anticipated that the City will need at least 39.3 acres or more over the next thirty years. This type of real estate typically cannot be purchased piecemeal and would most likely require a larger parcel to be acquired. Land values in Roseville, based on zoning and location, range from $2 to $10 per square foot.

FISCAL IMPACT

The Environmental Utilities Department has $14,858,274.23 in its Land Acquisition Capital Improvement Project for the acquisition of property and site planning.

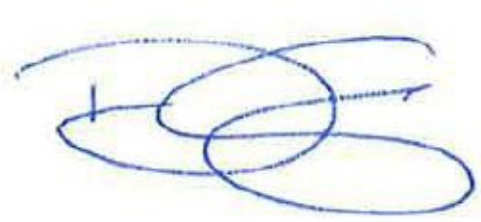
ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. A Status Report on Space Planning Efforts and Future Real Estate Needs for Expanded Operations meets the above criteria and is not subject to CEQA. No additional environmental review is required.

Respectfully Submitted,

Devin Whittington, Refuse and Stormwater Manager

Richard Plecker, Environmental Utilities Director



_____
Dominick Casey, City Manager

ATTACHMENTS:

Description

Growth and Site Expansion Planning



Site Evaluation for City Services

Relocating Services from the Hilltop Corporation Yard

City of Roseville, California
February 17, 2020

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1 Introduction

The City of Roseville (City) has enlisted HDR to assist with planning efforts to accommodate the growing corporation yard needs for various City divisions. This study explains the key drivers that initiated this explorative effort, the rationale for additional areas, the approximate area needed, and an illustration of the preferred site with possible uses on a Conceptual Site Plan.

1.1 Existing Hilltop Circle Corporation Yard

Currently, the City has a corporation yard of approximately 55 acres located on Hilltop Circle, which supports the needs of the City's divisions of their Environmental Utilities including; Electric, Public Works, Parks, Fire and Police. The Hilltop Circle Corporation Yard is constrained by existing development on all sides, which limits its ability to continue to serve all of its current tenants through the expected future growth, changing regulations, and any other planning considerations that may arise.

1.2 Changes in Solid Waste Regulations

A series of regulations have changed the landscape of waste management in California. Unlike the prior watershed changing regulations in the late 1980's (e.g.: Assembly Bill (AB) 939) that required municipal managers to implement recycling programs, recent regulations have been Climate Action centric. As such, these regulations have focused on reducing greenhouse gas associated with solid waste residues (Senate Bill (SB) 1383 Short Term Climate Pollutant – Organic Waste Methane Reduction Act).[1]

The recent regulations in California have focused on beneficially using organic waste rather than letting them be placed in landfills. These state mandates will change the way organic wastes are managed in California. In brief, the regulatory framework is as follows:

- AB 32 Climate Action Plan: Requires California to reduce its greenhouse gas (GHG) emissions to 1990 levels by 2020
- AB 1826: Mandates organic waste from commercial establishments implement organic waste diversion programs depending on the quantity of organic waste they generate weekly.
- AB 1594: Cessation of yard waste as being counted as diversion if used as 'Alternative Daily Cover' at landfills
- Executive Order 107 Low Carbon Fuel Standards: Defines a pathway for certification using the CA-GREET 2.0 model and develops incentives through the Low Carbon Fuel Standard and associated and Credit Bank and Transfer System

[1] https://www.calrecycle.ca.gov/climate/slcp

- Cap and Trade (California Air Resource Board 2011): Development of carbon credit/exchange program

In broad terms, these legislative measures require organic wastes (food waste, green/yard waste, food soiled paper, etc.) to be diverted from landfills. Further, a carbon-based economy provides incentives to reduce greenhouse gases and produce low fossil-based carbon fuels (compressed natural gas (CNG) trucks) and renewable natural gas (RNG) for pipeline injection.

While low-cost aerobic systems (e.g.: composting) could be a part of the solution, the quantity and composition of organic wastes will far exceed the available capacity of compost facilities in the state. Further, development of new facilities is met with community opposition, increased regulatory scrutiny and the use of best management practices to reduce air emissions and prevent ground water contamination. As a result, the use of anaerobic digestion is appearing as a promising solution.

Capturing the waste appears to be one of crucial components of the process. Previously, commercial organics were not regulated in California. Although many of the waste generators were unaware of the regulations, waste collection/haulers are offering services to assist generators to be in compliance. Some municipalities already have programs that capture these materials and by default are already in compliance. Other municipalities are relying on the private collectors to provide the necessary services on an as-needed basis. The collection of organic wastes has been attempted in various ways ranging from source separated organics (ideally with little to no contamination) to mixed waste.

1.3 Purpose of Evaluating New Corporation Yard

The City of Roseville's existing Corporation yard is constrained in terms of areas available for expansion of programs. In order to meet the anticipated growth in population, the collection fleet is estimated to increase from a current fleet of 40 trucks to 62 trucks. In addition to the increase in quantity, the City is expecting to convert its fleet from diesel trucks to compressed natural gas fueled trucks. The conversion to CNG fueled trucks will have significant impact on several issues, namely:

- Fueling: CNG trucks are typically slow-filled overnight. So each truck parking space will need to be equipped with a truck fueling infrastructure. In addition to slow fueling, the site will need to also be equipped with a rapid-fill system to allow quick filling if a vehicle needs additional fuel before returning to service during working hours.
- Maintenance: CNG fueled trucks require unique maintenance facilities to enable mechanics to evacuate the CNG from the vehicle before servicing if heat sources maintenance (welding, cutting) activities are required.

These two needs will require an expansion and refurbishment of the Solid Waste Division's truck parking and maintenance facilities. In terms of area, it is estimated the future truck parking area will need to increase from the current 0.9 acres to 2.6 acres to account for both increased area to meet the CNG fueling requirements.

In addition to Solid Waste program needs, the Water program requires additional area to support its materials storage needs.

As the City grows, additional staffing will be needed in terms of administrative staff and related support staff. Most of the needs will be to provide additional space to continue to support the staff according to the current staff per dwelling unit as the city continues to grow. However, increases in specific staff unrelated to population growth include the need for additional solid waste staff to perform public education, elevated monitoring and enforcement of the future organics programs.

In the hopefully unlikely event neighborhood opposition at the existing Western Placer Waste Management Authority (WPWMA) Material Recovery Facility (MRF) constrains its operations, the need for a backup facility to serve the City's needs would be needed. The future facility sizing includes the need to provide the following solid waste and recycling features at the site:

- Household hazardous waste receipt, packaging and shipment
- Recyclables drop off and buy back
- Self-haul waste unloading
- Recycling receipt and trans-loading
- Commercial and/or residential waste receipt and transfer

2 Preliminary Sizing of Future Needs

2.1 Participating Divisions

The planning/forecasting efforts included engagement with the following City Environmental Utilities, participating divisions:

- Technical Services
- Water Administration
- Water Distribution
- Solid Waste Administration
- Solid Waste Collections

2.2 Growth Rate Assumptions

HDR has reviewed and refined the preliminary sizing of the current and future needs of the Solid Waste Division and Water Division for the possible Corp Yard site exploration. We began the analysis by using the growth projections provided by the City as a basis in developing our own estimate of the future facility needs, comparing the City's staffing and facility needs. Our approach is outlined below.

We observed the various assumptions each department used in developing the growth projections, ranging from 1.05 to 1.17% as follows:

Table 2-1. City-Derived Growth Rates from City's Internal Assessment

Growth per Year	Rate	Type
Population	1.169%	compounding annually
Equivalent Dwelling Units	1.052%	compounding annually
Dwelling Units	1.093%	compounding annually

We checked these assumptions with the Sacramento Area Council of Governments (SACOG) growth rate from 2012 -2036, which is 1.28% compounded annually. Between the years of 2016 and 2050, the SACOG growth rate would equate to a 154% increase in population.

Table 2-2. Population Based on SACOG Growth Rate

SACOG Growth Rate Compounded Annually	1.28%
Roseville Population 2016	134,073
Roseville Population 2050	206,608
Overall Population Increase from Base Year	154%

2.3 Preliminary Sizing Estimates

In addition to these growth assumptions, we also included an increase in the Solid Waste Collection Truck assumptions. SB 1383 requires 75% diversion of organics by 2025. Although the current waste collection/processing system relies on the One Big Bin system of collection and subsequent processing at the Western Placer MRF, for planning purposes, we have assumed an additional wet (food/organics only) collection fleet may be needed. If so, we estimate 14 additional collection trucks may be added to the fleet size.

Using the population growth projections and correlating them to the number of staff as provided by the City, we also performed our own growth estimates. The City's internal estimates revealed an increase in staff from 134 staff (current combined solid waste and water) to 221 staff in 2050. Using the SACOG growth rate, our estimates project the future staff will equate to 237 in 2050. For planning purposes, we employed the higher value.

Other changes included the values placed on office staff, worker locker rooms, auto parking and collection fleet parking. Each of these are described below. The site is expected to have three main functional areas: Administration, Corporation Yard, and Transfer Station Facilities.

2.3.1 Administration

Office Areas

The City's office areas average 86 square feet per office staff person. We realize this value reflects only the cubicle or office area. Our recommendation for planning purposes

is 150 square feet per person which includes a multiplier to account for entry area, hallways, restrooms, and a few meeting rooms. If the City would like this facility to have public meeting rooms, we would need to increase this value accordingly.

Worker Locker Rooms

The City's locker room areas average 51 square feet per employee. Our recommendation for planning purposes is 75 square feet per employee, which includes a multiplier to account for entry area, hallways, restrooms, and maintenance storage rooms.

Auto Parking

The City's auto parking area estimate was based on 200 square feet per auto parking space. This area does not include roadways to/from the parking and other paved surface areas. Our recommendation for planning purposes is 450 square feet per auto space, which reflects a two-way center driveway aisle with parking along both sides of the driveway.

2.3.2 Corporation Yard

The Corporation Yard portion of the site is expected to have restricted access, unlike the Administration areas and the Transfer Station Facilities.

Collection fleet parking

We prepared a take-off of the existing collection fleet parking at the north end of the existing Corp yard and found the area equivalent to approximately 970 square feet per truck parking bay (which includes two trucks parked end to end plus the driveways north and south of the parking area). We understand the City is exploring the use of CNG fueling, which requires more space per truck. We prepared a similar take-off of the Newby Island CNG-fueled truck parking area in Milpitas, CA and found an area of 1,200 square feet per truck. We used 1,200 square feet per space for planning purposes.

Fleet Maintenance Shop

We prepared a take-off of the existing fleet maintenance shop, including the pre- and post- staging area. The area is approximately one acre, and the current shop building (west five bays) is approximately 14,000 square feet. For planning purposes, we scaled the building and area up by the same SACOG growth rate ratio used on other items. The resulting planning level building would be 25,000 square feet and site area would be 1.7 acres.

2.3.3 Transfer Station Facilities

Our analysis also included preparation of three future key features that we understand are to be included for future planning purposes in the event growth in the region surrounding the WPWMA MRF encounters difficulties expanding as planned. These include a solid waste transfer station, an organics receiving and pre-processing/transfer building, and a self-haul waste receiving, recyclables drop-off and household hazardous

waste facility. It is possible that these buildings could be combined into one larger building, with areas for each function designated within the facility.

Solid Waste Transfer Station

We prepared a solid waste transfer station sizing analysis using the same SACOG population growth rate as above, applied to the 2017 waste records provided by the city. We employed the sizing analysis using metrics from other facilities we have designed throughout the US. The tributary waste stream to the transfer station is projected to increase from the current 149,000 tons in 2017 to an estimated 230,000 tons in 2050. The following table indicates the summary of this analysis:

Table 2-3. Transfer Station Building Area Estimate

Description	Area (SF)
Receiving Areas	16,000
Stockpiles	16,803
Loader Maneuvering Space	8,402
Load-out Area Requirements	3,600
Additional Maneuvering Areas	9,120
Total Building Area	**54,000**

Organics Receiving and Pre-Processing/Transfer Building

Similar to the solid waste transfer station building above, we prepared an organics pre-processing and transfer station sizing analysis using the same SACOG population growth rate as above applied to the 2017 waste records provided by the City. Using CalRecycle's statewide waste composition analysis, we applied the percent of food waste and green waste to the current municipal solid waste quantities and projected the values to 2050. The tributary waste stream to the transfer station is projected to increase from the current 20,200 tons of green waste in 2017 to an estimated 30,700 tons of green waste in 2050. We also estimate an additional 36,300 tons of food waste will need to be collected and processed to meet the SB 1383 requirements. The following table indicates the summary of this analysis:

Table 2-4. Organics Building Area Estimate

Description	Area (SF)
Receiving Areas	6,400
Stockpiles	5,600
Loader Maneuvering Space	4,200
Pre-Processing Area	8,500
Load-out Area Requirements	1,600
Additional Maneuvering Areas	6,600
Total Building Area	**33,000**

Self-haul waste receiving, recyclables drop-off and household hazardous waste facility

We prepared a take-off of the WPWMA self-haul and buy-back area. The WPWMA facility encompasses a 3 acre area and includes a canopy over a portion of the unloading stalls. For planning purposes, we incorporated the 3 acre parcel with the understanding the current facility serves the entire western placer region. Given the 2050 planning horizon, our assumption is that the City's need could likely grow to this size by the end of the planning horizon. We also included a 36,000 square foot building which reflects the maneuvering, unloading and waste receipt functions at the existing facility.

We also received the Self Haul data provided by the WPWMA for the period January 2018 through April 2019. We sorted the data by material type and summarized the data on Table 2-5 below.

Table 2-5. Self-Haul Data from WPWMA (January 2018 to April 2019)

Material	Tons	Number of Tickets	Weight per Ticket (Tons)
Inert YD	620	2,531	0.24
INERT (YD)	2,092	10,292	0.20
Y-C&D-ZWAL	2,006	7,124	0.28
Y-GRN-ZWAL	5,118	25,375	0.20
Y-TWW-LDFL	1	3	0.31
Y-WD-ZWAL	581	1,419	0.41
Total	**10,417**	**46,744**	**0.22**
Days	**487**	**487**	
Ave per day	**21**	**96**	
Quantities for one calendar year	**7,812**	**35,058**	

Similar to the Transfer Station and Organics facilities above, we prepared a Self-Haul receiving and transfer station sizing analysis using the same SACOG population growth rate as above applied to the 2017 waste records provided by the WPWMA. The tributary waste stream to the Self-Haul transfer station is projected to increase from the current 7,812 tons and 35,058 transactions to 12,031 tons and 54,225 transactions per year in 2050. Using a similar sizing analysis, we estimate the Self-Haul facility would require the following building areas:

Table 2-6. Self-Haul Building Area Estimate

Description	Area (SF)
Receiving Areas	12,800
Bins and maneuvering area to move bins	10,080
Loader Maneuvering Space	2,404
Additional Maneuvering Areas	10,800
Total Building Area	**36,100**

This analysis results in a facility sizing very close to the 36,000 square foot footprint of the existing WPWMA self-haul facility. For planning purposes, they are equivalent and were used in the determination of the entire site area requirements below.

2.3.4 Contingency Areas

Buffer areas

A 5% buffer area is included in the analysis to account for set-backs, landscaping and other site planning types of uses.

Circulation inefficiencies

Until a site plan can be developed, and not knowing the shape and efficiency of the future site, an additional 10% of the estimated required areas is added to account for on-site circulation roads and site inefficiencies that can occur when incorporating the number of different users.

2.3.5 Summary of Estimated Area Requirements

Table 2-7 and Table 2-8 summarize the information above and reveal the current and future allocation of building areas and site/parking area according to the category of dedicated use.

Table 2-7. Existing Allocation of Area per Category of Use (Current Conditions)

Category	Employees	Building Area (SF)	Additional Site Area (SF)
Solid Waste Collections	48	2,464	23,000
Add SSO Collection fleet			
Solid Waste Collections - Cart Storage			74,923
Shop		14,000	42,000
Solid Waste Admin	14	1,216	6,300
Water Distribution	22	12,983	9,900
Water Admin	26	1,399	11,700
Technical Services	24	2,463	10,800
Total	**134**	**34,525**	**178,623**
Total Building + Additional Site Area (SF)			**213,148**
Total Building + Additional Site Area (Acres)			**4.9**

Table 2-8. Future Allocation of Area per Category of Use (Forecast to 2050 Using SACOG Growth Rate)

Category	Employees	Building Area (SF)	Additional Site Area (SF)	Building Area (AC)	Additional Site Area (AC)
Solid Waste Collections	74	6,000	33,000	0.14	0.76
Add SSO Collection Fleet	14	1,000	6,000	0.02	0.14
Solid Waste Collections Cart Storage			114,000		2.62
Solid Waste Collections Fleet Parking and Fueling			93,000		2.13
Water Distribution Yard Area			112,000		2.57
New Transfer Station/MRF		54,000	149,000	1.24	3.42
New Organics Building (Pre-Processing)		33,000	113,000	0.76	2.59
New Self Haul		36,000	138,000	0.83	3.17
Future Buy-back/redemption		6,000	20,000	0.14	0.46
Future Household Hazardous Waste Facility		7,000	25,000	0.16	0.57
Shop		22,000	105,000	0.51	2.41
Solid Waste Administration	21	4,000	10,000	0.09	0.23
Water Distribution	43	26,000	19,000	0.60	0.44
Water Administration	44	7,000	20,000	0.16	0.46
Technical Services	37	6,000	16,000	0.14	0.37
Total	**233**	**208,000**	973,000	4.78	22.34
Total Building + Additional Site Area		**1,181,000**		**27.1**	
Contingency (20% future program needs)		236,000		5.4	
Landscaping/Buffer Areas (10% of Additional Site Area)		118,000		2.7	
Added Circulation/Inefficiencies (15% of Additional Site Area)		177,000		4.1	
Total Planning Level Areas		**1,327,000**		**39.3**	

2.4 Conceptual Site Plan

HDR prepared a conceptual site plan to illustrate the potential configuration of the site. See Figure 1 below. The conceptual site plan demonstrates a configuration of a theoretical site. .

The site configuration reflects a grouping of solid waste related facilities that could share a common entrance/scale house facility. These facilities are arranged to provide separate uses for commercial/franchise haulers from the public/self-haul users. The

locations of the facilities are such that ample queuing for users that have peak surges (e.g., self-haul users on the weekend) could be provided on-site. Compatible uses such as a recyclables drop-off area, household hazardous waste and reuse areas are also provided.

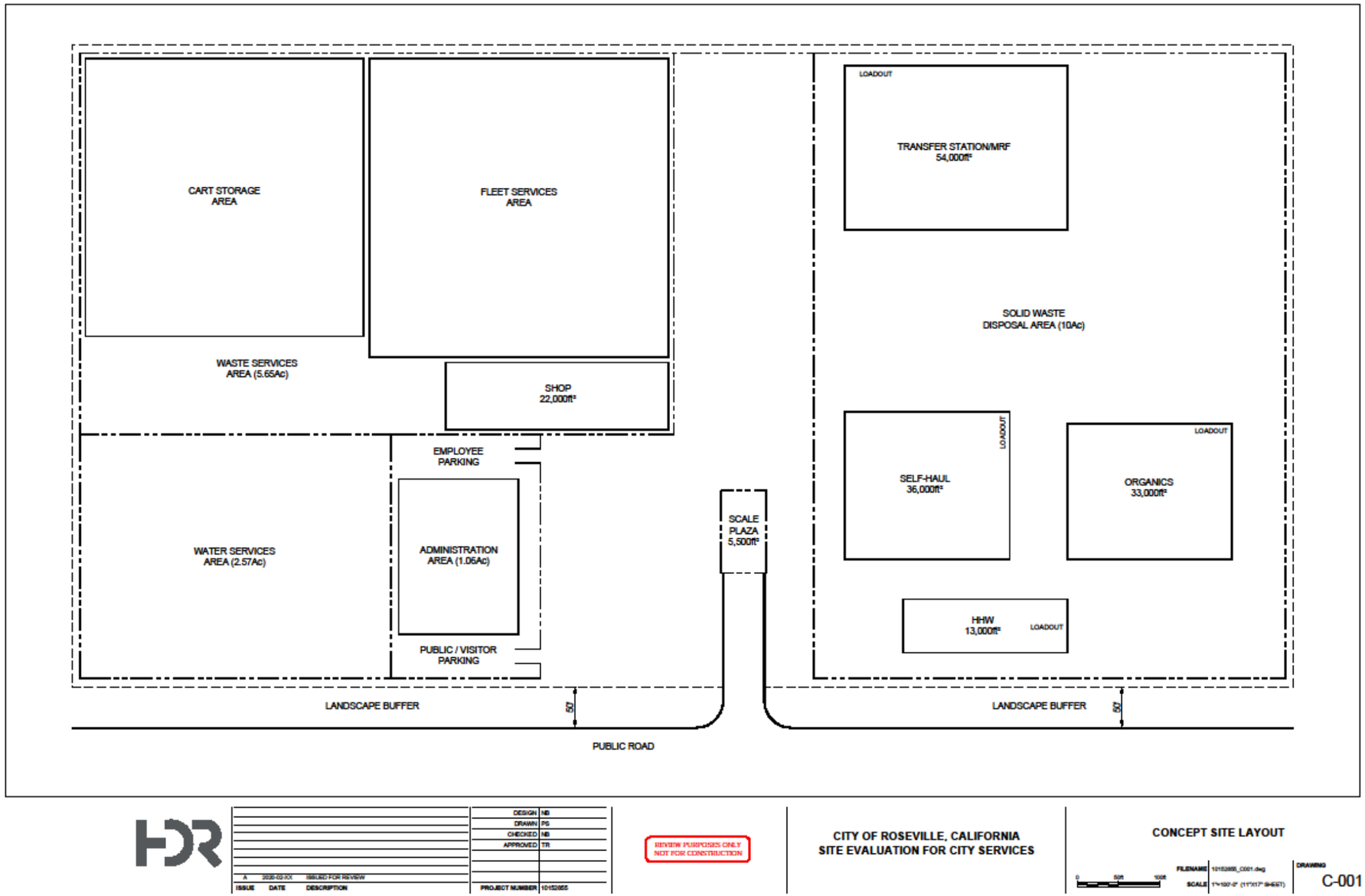
The solid waste features are arranged to be adjacent to each other to provide efficiencies in operations. The fleet parking/fueling functions are located adjacent to the truck maintenance facility. Similarly, the waste cart/bin storage yard is also co-located in this area.

A shared employee parking and public parking area would be located near the public access, similar to the existing Hilltop yard. This parking area would be located centrally to the various site uses to enable most of the employees efficient access to their assigned work area or vehicles. A shared Administration building housing all administrative functions that support the uses would be located adjacent to the parking area.

Areas dedicated to support Water and Technical Services would be located adjacent to the Administration/parking areas for convenient access.

Features that require security, such as the solid waste fleet/maintenance shop and bin/cart storage and water storage areas, should be grouped in areas that can be secured from public access.

Figure 1. Conceptual Site Arrangement Plan of Relocated City Services



3 Impacts on Existing Corporation Yard

As the current uses described above depart the existing corporation yard for the new site, additional space will be freed up for the users remaining at the Hilltop Drive site. Growing demand from the power and streets division indicate the areas to be vacated are needed, thereby preventing these remaining users being forced to explore expansion elsewhere. The divisions potentially leaving the corporation yard will free-up approximately ten acres of parking/paved area and approximately 26,000 square feet of office/building area. Clearing these areas will enable the City to expand current functions that remain at the Hilltop drive site, thereby avoiding potentially costly construction projects for these necessary uses.

Based on the same growth rates discussed above, the remaining divisions staying at the Hilltop Drive site are expected to also require additional areas. Using the SACOG population growth projections and correlating them to the current areas occupied by each of the divisions as provided by the City, HDR performed an analogous projection of the areas needed for these remaining divisions.

One change which has not been accounted for in these projections is the shift from diesel/gasoline fueled vehicles to electric vehicles requiring charging stations. Further study of the current and future vehicle count converting from liquid fuel to electric charging would be needed to determine the site requirements of this change.

The following table illustrates the areas needed based on SACOG increases only. The resulting increases show the entire 55 acre site will be needed to accommodate the requirements of the divisions that remain at the Hilltop Drive site.

Table 3-1. Hilltop Drive Divisions Forecast of Areas based on SACOG Growth Rate

Category	Current Metrics			Future – 2050 Using SACOG Growth Rate		
	Employees	Total Area (SF)	Total Area (AC)	Employees	Total Area (SF)	Total Area (AC)
EU	7	544,714	12.5	13	903,679	20.7
Public Works	89	421,401	9.7	165	699,103	16.0
Fire		116,792	2.7		193,758	4.4
Police		11,745	0.3		19,485	0.4
Parks	49	33,132	0.8	88	54,966	1.3
Central Services		261,226	6.0		433,373	9.9
Summary			**31.9**			**52.9**

4 Summary

A site is needed that provides a collective of approximately thirty acres. Such a site could provide the City a viable site for the relocation of several uses currently occupying a portion of the Hilltop Drive corporation yard. The site would need to provide the following:

- An area large enough that allows room for future growth of the City's solid waste, water and technical services division to be co-located at one site.
- Compatible commercial/industrial uses of nearby properties.
- A location close to the future centroid of the city service area as the city continues to develop the north and westerly portions of vacant land.

Further, the growth projections of the divisions that remain at the existing Hilltop Drive corporation yard are going to need the entire site vacated by Water, Water Administration, Technical Services and Solid Waste divisions.

COUNCIL COMMUNICATION

CC #: 1454
File #: 0800-02

Title: Environmental Utilities Department - Budget Update
Contact: Janet Vargas 916-774-5557 jvargas@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 8.2.

RECOMMENDATION TO COUNCIL

Staff recommends that Council receive a budget update from the Environmental Utilities Department.

BACKGROUND

This presentation is to provide a budget update from the Environmental Utilities Department.

FISCAL IMPACT

This is an informational presentation and has no fiscal impact.

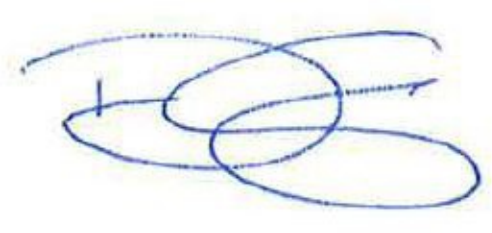
ENVIRONMENTAL REVIEW

Not applicable.

Respectfully Submitted,

Janet Vargas, Environmental Utilities Business Administrator

Richard Plecker, Environmental Utilities Director



_____

Dominick Casey, City Manager

COUNCIL COMMUNICATION

CC #: 1428
File #: 0800-03

Title: Roseville Electric Utility - Budget Update
Contact: Eric Campbell 916-774-5626 ecampbell@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 8.3.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council receive an update from Roseville Electric Utility on their budget development.

BACKGROUND

This presentation is to provide an update to the City Council from Roseville Electric Utility.

FISCAL IMPACT

This is an informational presentation that has no fiscal impact.

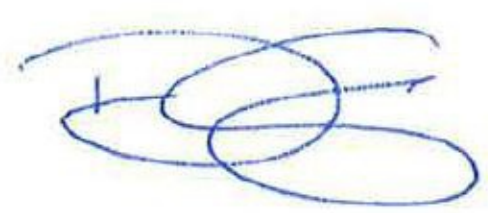
ENVIRONMENTAL REVIEW

Not applicable.

Respectfully Submitted,

Eric Campbell, Electric Utility Finance Administrator

Michelle Bertolino, Electric Utility Director



_____
Dominick Casey, City Manager

ATTACHMENTS:

Description

Roseville Electric Utility Budget Update Presentation












Proposed FY22 Budget Overview
Roseville Electric Utility

April 21, 2021

CITY OF ROSEVILLE CALIFORNIA

Budget Overview

- Balanced Budget
  - Prioritizes funding of essential services
  - Compliance with financial policies and metrics
- Prudent investment in infrastructure and technology
  - Supports development
- Assumes no base rate increases
  - No base rate increases for 7 years
  - Upcoming rate case study

Electric Utility Budget Includes

- Electric operations
- Capital investments
- Franchise fee
- City streetlights
- City traffic signals
- 50% of Utility Billing costs
- 50% of the Utility Exploration Center
- Share of City IT, Central Services, other internal support services

Current Year Budget Status – FY2020/21

($ millions)	Budget FY2021	Expected FY2021	Proposed FY2022
Energy Sales	$153	$161	$156
Other Revenue	5	6	4
Operating Expenses[1]	145	148	148
Net Operating	**$13**	**$19**	**$12**
Capital Revenue	5	9	9
Capital Expenses	16	26	19
Net Capital	**($11)**	**($17)**	**($10)**
Net annual cash flow	**$2**	**$2**	**$2**

[1] Includes Non-Operating Expenses

Financial Policies

Metric	Adopted Policy	FY22 Proposed
Days Cash On Hand	>250	452
Debt Service Coverage Ratio	>2.00	2.55
Rate Stabilization Fund	40%-90%	54%

Strong Financial Foundation

- Financially centered cost based and competitive rates
- Emphasis on liquidity and cost discipline
  - Built strong cash balances
  - Assessed and deferred capital projects
  - Refunded $35 million outstanding debt
- S&P Global and Fitch Ratings rate Roseville Electric AA
  - Mid-high grade debt/quality of bond range

Key Trends and Issues

- Economic uncertainty
- State and federal legislative uncertainty
- Utility service disconnection moratorium
- Procurement and carbon reduction policies
- Recruitment and retention
- Extreme weather events
- Environmental, Social and Governance Strategy
- PERS/OPEB liability

Questions?

CITY OF ROSEVILLE CALIFORNIA

COUNCIL COMMUNICATION

CC #: 1444
File #: 0113-02

Title:	Community Development Block Grant - 2021 Annual Action Plan and Substantial Amendment to 2020-2024 Consolidated Plan
Contact:	Kristine Faelz 916-774-5451 kpfaelz@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 9.1.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council:
1. Receive public comment on the City of Roseville 2021 Annual Action Plan, and the proposed amendment to the 2020-2024 Consolidated Plan;
2. Adopt a resolution approving the 2021 Annual Action Plan, and the proposed amendment to the 2020-2024 Consolidated Plan, and authorize the City Manager to execute necessary documents and certifications on behalf of the City of Roseville for submittal to the U.S. Department of Housing & Urban Development.

BACKGROUND

The City became a Community Development Block Grant (CDBG) entitlement jurisdiction in 1986 and annually receives an allocation of Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Urban Development (HUD) to promote affordable housing and community development programs for low-income residents. The City of Roseville has traditionally funded housing activities, public facility and improvement projects, removal of architectural barriers, planning, program administration, and public service activities.

Each year, the City must produce an Annual Action Plan describing how CDBG funds will be used to address the goals in the five-e year Consolidated Plan. For program year 2021-22, HUD awarded the City $736,721 in CDBG funding. A public meeting was held on January 13, 2021, at the beginning of the CDBG application process, in order to identify community needs and potential projects. Thirteen representatives from eleven agencies attended to discuss local needs and ask questions about proposed projects. Staff gave a presentation on the available funding and also offered a tutorial on the use of ZoomGrants, the web-based software used for application submission.

2021 Annual Action Plan

The 2021 Annual Action Plan provides an overview of the City's use of CDBG funds to address community needs in the second year of the five year Consolidated Plan. Federal regulations require that at least 70% of CDBG funds be used for projects that primarily benefit low-income

households at or below 80% of Area Median Income (AMI) adjusted by family size. In response to a Notice of Funding Availability published in the Press Tribune, the City received nine applications requesting funding for public service programs which totaled $127,000. Applications for public service programs are limited to $15,000 each by the Rating and Ranking Guidelines adopted by the Council on March 18, 2009. Seven of the public service applications submitted were for ongoing programs that are currently receiving CDBG funding. Most of the activities proposed for funding address households at or below 50% AMI, very low-income.

Two of the nine applications were determined to be ineligible under federal regulations:

- The Campus Life Connection applied for funding for their Roseville Thriving Youth program. Although the program serves at-risk youth, HUD does not recognize the term “at-risk” when qualifying individuals or households for services. In order for Roseville Thriving Youth to be eligible under CDBG regulations, Campus Life Connection must collect and submit documentation showing that participants are low- to moderate-income, which the program does not require at this time.

- Placer Veterans Stand Down applied for funding for their event to be held in May 2021. The CDBG program year begins July 1, 2021 and the regulations state that no costs must be incurred prior to the start of the program year. Therefore, the Placer Veteran's Stand Down application was deemed ineligible under CDBG regulations.

Staff received an inquiry from the Parks, Recreation and Libraries Department regarding a renovation project at Royer Park. The park is located in an area which serves primarily low-income residents and qualifies the project as an eligible activity. CDBG funds will be utilized in the revitalization of the park to address safety, accessibility, and necessary improvement of recreational amenities in order to better serve low-income residents of the area. It is proposed that funds totaling $280,000 be allocated towards the Royer Park revitalization project.

Funds totaling $204,377 are proposed to be allocated to the City’s Owner-Occupied Housing Rehabilitation Program. The program currently has approximately $1,000,000 in HOME funds available. However, there are certain loans and grants that cannot be made with HOME funds. CDBG funding will ensure staff can assist all low-income households that apply for the Rehabilitation program.

The draft Annual Action Plan (Attachment 1) was made available for public comment and review in compliance with the required 30-day comment period. The public review period for the draft plan ends May 5, 2021 with City Council's action. The draft must be submitted to HUD by May 15, 2021. Below is a summary of proposed funding in the 2021 Annual Action Plan with a more detailed description in the Funding Recommendations (Attachment 2):

Project	2021 CDBG Allocation
AMI Housing Temporary Rent & Utility Assistance with Supportive Service	$15,000
KidsFirst Family Mental Wellness Program	$15,000
St. Vincent de Paul Society BAGS Food Home Delivery Program	$15,000

Seniors First Meals on Wheels	$15,000
Stand Up Placer Roseville Victims Services	$15,000
The Gathering Inn Emergency Shelter and Support Services	$15,000
The Gathering Inn Mental Health Clinician	$15,000
Roseville Owner-Occupied Housing Rehabilitation	$204,377
Royer Park Revitalization	$280,000
Administration and Planning	$147,344
Total	$736,721

Amendment to the 2020-2024 Consolidated Plan

As a recipient of CDBG funding, HUD requires the City of Roseville to produce a Consolidated Plan every five years to develop a strategic plan for use of CDBG funds and other resources to address identified needs. The current Consolidated Plan covers the period beginning July 1, 2020 through June 30, 2025. As referenced in the 2020 Consolidated Plan, the City's 2025 General Plan emphasizes the need to provide recreational facilities and parks for all sectors of the community and to ensure adequate funding for recreation and parks improvement and maintenance.

The proposed amendment to the 2020 Consolidated Plan (Attachment 3) would add a priority goal specific to funding public facilities and improvements. The addition of this goal to the Consolidated Plan would allow the City to utilize CDBG funds for public facility or infrastructure improvements, such as renovation of parks in qualified low-income census tracts. This would also allow the City to address removal of architectural barriers and any other improvements identified for special needs populations.

FISCAL IMPACT

Adoption of the 2021 CDBG Annual Action Plan and the proposed amendment to the 2020-2024 Consolidated Plan will not have any fiscal impact to the General Fund.

ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378.

Approval of the 2021 Annual Action Plan and the proposed amendment to the 2020 Consolidated Plan meet the above criteria and are not subject to CEQA. CDBG funds are subject to the National Environmental Protection Act (NEPA) as implemented by HUD at 24 CFR 58. NEPA reviews will be completed for each program and project funded prior to any expenditures for these activities.

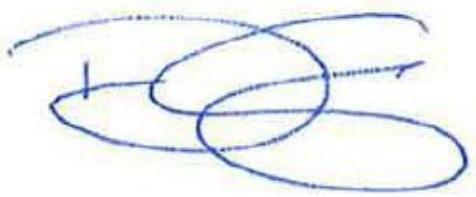
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Kristine Faelz, Housing Analyst

Laura Matteoli, Economic Development Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 21-192

2021 CDBG Annual Action Plan

Substantial amendment to 2020 Consolidated Plan summary

Funding recommendations

RESOLUTION NO. 21-192

APPROVING THE 2021 ANNUAL ACTION PLAN, APPROVING THE PROPOSED AMENDMENT TO THE 2020-2024 CONSOLIDATED PLAN, AND AUTHORIZING THE CITY MANAGER TO EXECUTE NECESSARY DOCUMENTS AND CERTIFICATIONS ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, the City of Roseville has been allocated $736,721 in Community Development Block Grant funds for the 2021 Program Year; and

WHEREAS, the Council conducted a public hearing on May 5, 2021 to receive public comments regarding the 2021 Annual Action Plan and the proposed amendment to the City's 2020-2024 Consolidated Plan; and

WHEREAS, the Council has reviewed and hereby agrees to comply with all Certifications executed in connection with said Annual Plan and Consolidated Plan; and

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the 2021 Annual Action Plan and the proposed amendment to the 2020-2024 Consolidated Plan are hereby approved; and

BE IT FURTHER RESOLVED that the City Manager is hereby authorized to execute on behalf of the City of Roseville, the standard Operating Agreements, and all other necessary documents and certifications required by the Department of Housing and Urban Development (HUD) for participation in the CDBG program.

PASSED AND ADOPTED by the Council of the City of Roseville this_____day of _____, 2021 by the following vote on roll call:

AYES: COUNCIL MEMBERS:

NOES: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

_____
MAYOR

ATTEST:

_____
CITY CLERK

2021 Annual Action Plan

Introduction

The City of Roseville (City) will receive $736,721 in Community Development Block Grant (CDBG) funds from the U.S. Department of Housing and Urban Development (HUD) for program year 2021 (July 1, 2021 through June 30, 2022). CDBG funds are designated for the promotion affordable housing and community development programs for lower-income residents. The 2021 Annual Action Plan provides an overview of the City's use of CDBG funds to address community needs established in the 2020-2024 Consolidated Plan.

Federal regulations require that at least 70% of CDBG funds be used for projects that primarily benefit persons under the Low-Income limit defined as persons from households at or below 80% of Area Median Income (AMI). In general, projects serving an area with 51% or more low-income residents may be eligible for CDBG funding on an Area Benefit basis using census data. An exception is allowed for communities with few or no qualifying areas. The City of Roseville was determined to be an Exception Grantee for fiscal year 2020. For fiscal year 2020, projects serving census tracts and block groups with 46.81% or more low-income residents may qualify for Area Benefit. Exception Grantee status may change each year, depending on HUD calculations of income estimates. This information will be updated for fiscal year 2021 when it is available.

PR-05 Lead & Responsible Agencies - 24 CFR 91.200(b)

Introduction

1. Agency/entity responsible for preparing/administering the Consolidated Plan

Describe the agency/entity responsible for preparing the Consolidated Plan and those responsible for administration of each grant program and funding source.

Agency Role	Name	Department/Agency
CDBG Administrator	ROSEVILLE	Economic Development Department - Housing Division

Table 1 – Responsible Agencies

Narrative (optional)

The City of Roseville's Housing Division is the lead agency responsible for the development of the Consolidated Plan. The Housing Division is responsible for administration of the Community Development Block Grant (CDBG) program, HOME funding, the Roseville Housing Authority and City housing programs such as the Owner-Occupied Housing Rehabilitation Program; in addition to programs and projects supporting affordable homeownership, housing stability and maintenance of affordable housing stock.

The mission of the Roseville Housing Division is to serve the citizens of Roseville by:

- Providing affordable housing opportunities in a safe environment.
- Revitalizing and maintaining neighborhoods.
- Forming effective partnerships to maximize social and economic opportunities.

Roseville is located in Northern California, north of Sacramento, in southwestern Placer County. The City's geography is primarily rolling hills and grasslands. The City was originally a "railroad town" and in the early 1900's was a major railroad service center. The railroad played a role in the development of early Roseville. Other factors that have impacted the City's development have been the construction of Folsom Dam and completion of Interstate 80 in the 1950's. These projects impacted Roseville's growth by shifting the development of business, commercial, and residential development to "East Roseville". The City has continued to grow outward in all directions. In addition to the city's core, Roseville currently has ten specific plan areas and growth has provided a wide variety of residential, business, commercial and industrial development.

The majority of the City's older, low-income housing stock and business/commercial areas are located in the City's core, near the rail lines. Based on the 2011-2015 American Community Survey, HUD estimates that 30.24% of Roseville residents are at or below 80% of the Family Area Median Income (AMI) for Placer County. This document refers to persons at or below 80% AMI as "low-income". This Plan focuses on developing strategies to address the needs of low-income Roseville residents.

Consolidated Plan Public Contact Information

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City of Roseville - Housing Division
316 Vernon Street Ste. 150
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Fax: (916) 746-1295
kpfaelz@roseville.ca.us

Trisha Isom, Housing Manager
City of Roseville - Housing Division
316 Vernon Street Ste. 150
Roseville, CA 95678
Tel: (916) 746-1239
Fax: (916) 746-1295
tisom@roseville.ca.us

AP-10 Consultation – 91.100, 91.200(b), 91.215(l)

1. Introduction

The consolidated planning process requires jurisdictions to contact and consult with other public and private agencies when developing the Plan. The Plan itself must include a summary of the consultation process, including identification of the agencies that participated in the process. Jurisdictions also are required to summarize their efforts to enhance coordination between public and private agencies.

Provide a concise summary of the jurisdiction's activities to enhance coordination between public and assisted housing providers and private and governmental health, mental health and service agencies (91.215(l))

In preparing the Plan, the City consulted with various organizations located in Roseville and Placer County that provide services to the residents of Roseville. In many instances, these consultations are part of ongoing interactions between Roseville's Housing Division and the agency or group described.

City of Roseville

1. City Council – Authorizes (at a public hearing) the submission of the Consolidated Plan and Annual Action Plan to HUD.
2. City of Roseville Development Services Department – Planning Division. Reviews CDBG- and HOME-funded development projects to determine whether proposed development activities comply with the General Plan and Zoning Code; responsible for drafting the Roseville General Plan 2035, adopted in 2020, including the Housing Element, which was updated in 2012 and certified in 2013. The update has been cited throughout this Plan as the Housing Element of the General Plan 2013–2021.
3. City of Roseville Economic Development Department – Provides assistance with business needs such as starting or expanding a business, finding a site, or connecting with other City services.
4. Roseville Housing Authority – Addresses the housing needs of extremely low- and low-income residents in the City through a variety of programs including the Housing Choice Voucher Program.

County of Placer

1. Placer County Community Development Department – Planning Services Division-- Coordinates the housing programs and funding. Responsible for drafting the Placer County General Plan Housing Element, as well as an incentive program intended to encourage the development of new affordable housing units in the unincorporated areas.

2. Placer County Department of Health and Human Services – Behavioral Health Division-- Provides information regarding the needs of Placer County residents who have mental disabilities. Representatives of this division also participate in various Continuum of Care working groups.
3. Placer County Department of Health and Human Services – Public Health Division-- Provides information regarding the potential of lead-based paint hazards in the county.

Describe coordination with the Continuum of Care and efforts to address the needs of homeless persons (particularly chronically homeless individuals and families, families with children, veterans, and unaccompanied youth) and persons at risk of homelessness.

Significant aspects of the Consolidated Plan development process included consultations with the Homeless Resource Council of the Sierras (HRCS), the Nevada-Placer Continuum of Care (CoC), Placer Collaborative Network (PCN), and the Placer Consortium on Homelessness (PCOH). Efforts to address the needs of homeless persons are described in greater detail later in this Plan.

The PCOH, a regional planning group of the HRCS, addresses the needs of all homeless subpopulations, including: domestic violence victims; persons with mental illness, substance abuse, and HIV+/AIDS; veterans; and youth. Current and formerly homeless individuals attend PCOH meetings. Other representatives include members from the faith-based community, nonprofits, businesses, and City and County government. The consortium's 10-Year Homeless Action Plan and its annual submissions to HUD reflect the demographics, needs and available shelter, housing, and services in all three HUD entitlement jurisdictions in order to provide a cohesive shelter system throughout the County. The Food Closet Collaborative coordinates the work of over 14 food closets in conjunction with the Placer County Food Bank.

A complete inventory of facilities and services provided throughout Placer County, including Roseville, is identified on the Homeless Resource Council of the Sierras Continuum of Care website at http://www.hrcscoc.org/resource-links.html.

Describe consultation with the Continuum(s) of Care that serves the jurisdiction's area in determining how to allocate ESG funds, develop performance standards for and evaluate outcomes of projects and activities assisted by ESG funds, and develop funding, policies and procedures for the operation and administration of HMIS

<u>Homeless Resource Council of the Sierras (HRCS) Governance Board</u>

The HRCS, the Nevada-Placer Continuum of Care (CoC), Governance Board works toward developing a continuum of services where the ultimate

goal is to prevent and eradicate homelessness in Nevada and Placer counties. Efforts are aimed at permanent solutions, and the range of services is designed to meet the unique and complex needs of individuals who are currently experiencing homelessness or are at risk of becoming homeless. The Governance Board responds to and implements HUD's Policy and Program Priorities. The Governance Board also oversees all planning processes, the regional planning groups, committees, and the CoC Program and Emergency Solutions Grants (ESG) application processes. A HRCS subcommittee, Outcomes and Measurements, administers the Rating and Ranking Committee and its process of ranking applications. Issues are framed at the board level; they are then considered by the three regional planning groups. Recommendations are sent back to the Governance Board, who makes the final decisions.

Regional Planning Groups

Three Regional Planning Groups are directly involved in CoC-wide planning activities including setting priorities, reviewing performance data, project review and selection, discharge planning, the Consolidated Application, conducting homeless counts, and 10-year plan coordination. Each addresses homelessness in its own area and then forwards that information to the Governance Board. The Placer Consortium on Homelessness (PCOH) covers the more populated western part of Placer County that includes Roseville, Rocklin, Lincoln, Loomis, Auburn, and the foothills. The Nevada County Coordinating Council addresses Nevada City, Grass Valley, North San Juan, Penn Valley, and Alta Sierra. The Tahoe Truckee Homelessness Group covers both counties in the greater North Lake Tahoe and Truckee region.

These regional planning groups ensure that homeless needs from all areas of the CoC are represented. The groups are very inclusive, and all those involved with homeless issues are recruited. The CoC supports currently or formerly homeless individuals in attending; extensive e-mail to listserv groups is used to reach out to all sectors of the CoC areas. The HRCS Board is representative of all areas of the CoC and all targeted homeless populations. The HRCS Board is currently in the process of splitting the two continuums back into Nevada County and Placer County, in an effort to maximize funding opportunities, but HRCS would remain the collaborative applicant and coordinator amongst the two Continuums of Care.

Outcomes and Measurements

The Outcomes and Measurements Committee addresses the CoC's overall outcomes, application ranking, as well as monitoring the writing of the homeless strategies plan. The Committee sets selection criteria and organizes the Rating and Ranking panels for specific funding sources such as the CoC Program and ESG funds. The Committee is responsible for developing performance measurements and reviews all CoC Program and ESG-funded projects on an annual basis. The Committee presents its work to the regional planning groups and the HRCS Governance Board.

The Outcomes and Measurements Committee uses a rating and ranking panel that is responsible for developing, implementing, and improving the Coordinated Assessment process and the ESG Written Standards for identifying areas where the CoC Program and the ESG Programs should be integrated. No jurisdiction within the two counties receives ESG funds directly from HUD; therefore, the agencies must apply to the California

Department of Housing and Community Development (HCD) for ESG funds.

2. Describe Agencies, groups, organizations and others who participated in the process and describe the jurisdiction's consultations with housing, social service agencies and other entities

Table 2 – Agencies, groups, organizations who participated

1	**Agency/Group/Organization**	KidsFirst
	Agency/Group/Organization Type	Services – Children
	What section of the Plan was addressed by Consultation?	Non-Homeless Special Needs
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
2	**Agency/Group/Organization**	CITY OF ROSEVILLE PARKS & RECREATION
	Agency/Group/Organization Type	Services - Children Grantee Department
	What section of the Plan was addressed by Consultation?	Anti-poverty Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The Department was asked to identify needs for improvements to public facilities and parks. The agency was asked to review and comment on the draft Annual Action Plan. Inter-departmental consultations assist the City to prioritize funding and to identify trends in public facility needs.
3	**Agency/Group/Organization**	Roseville Home Start, Inc.
	Agency/Group/Organization Type	Services – Housing
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Strategy

	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
4	**Agency/Group/Organization**	Seniors First
	Agency/Group/Organization Type	Services - Elderly Persons
	What section of the Plan was addressed by Consultation?	Non-Homeless Special Needs
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
5	**Agency/Group/Organization**	The Gathering Inn
	Agency/Group/Organization Type	Services - Housing Services – Homeless
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Needs - Unaccompanied youth Homelessness Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
6	**Agency/Group/Organization**	AMI Housing
	Agency/Group/Organization Type	Services - Housing Services - Homeless Services – Health

	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Needs - Unaccompanied youth Homelessness Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
7	**Agency/Group/Organization**	Stand Up Placer, Inc.
	Agency/Group/Organization Type	Services - Victims of Domestic Violence
	What section of the Plan was addressed by Consultation?	Non-Homeless Special Needs
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
8	**Agency/Group/Organization**	Placer Veterans' Stand Down, Inc
	Agency/Group/Organization Type	Housing Services - Persons with Disabilities Services - Homeless Services - Health Services – Employment
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homelessness Needs - Veterans
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.

9	**Agency/Group/Organization**	The Salvation Army Roseville Corps
	Agency/Group/Organization Type	Services - Homeless Services - Health Services – Employment
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Unaccompanied youth Homelessness Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
10	**Agency/Group/Organization**	Compassion Planet
	Agency/Group/Organization Type	Services – Homeless Services – Children
	What section of the Plan was addressed by Consultation?	Homelessness Needs - Unaccompanied youth
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
11	**Agency/Group/Organization**	Saint Vincent de Paul
	Agency/Group/Organization Type	Services - Elderly Persons Services - Persons with Disabilities Services - Homeless Services – Health

	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was encouraged to apply for CDBG funding. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
12	**Agency/Group/Organization**	GRID Alternatives North Valley
	Agency/Group/Organization Type	Services-Employment
	What section of the Plan was addressed by Consultation?	Housing Need Assessment Economic Development Anti-poverty Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
13	**Agency/Group/Organization**	Lighthouse Counseling & Family Resource Center
	Agency/Group/Organization Type	Services – Children
	What section of the Plan was addressed by Consultation?	Non-Homeless Special Needs
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
14	**Agency/Group/Organization**	Wayfinder Family Services
	Agency/Group/Organization Type	Services – Children

	What section of the Plan was addressed by Consultation?	Non-Homeless Special Needs
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
15	**Agency/Group/Organization**	Placer People of Faith Together
	Agency/Group/Organization Type	Housing Services - Persons with Disabilities Services – Homeless Services – Health
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homeless Needs - Families with children Homelessness Needs - Veterans Homelessness Strategy
	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.
16	**Agency/Group/Organization**	Volunteers of America - NCNN
	Agency/Group/Organization Type	Housing Services - Persons with Disabilities Services – Homeless Services – Health Services - Elderly Persons Services – Employment
	What section of the Plan was addressed by Consultation?	Homeless Needs - Chronically homeless Homelessness Needs – Veterans Homeless Needs - Families with children Homelessness Strategy

	Briefly describe how the Agency/Group/Organization was consulted. What are the anticipated outcomes of the consultation or areas for improved coordination?	The agency participated in the annual CDBG Community Needs Workshop. The agency was asked to review and comment on the draft Annual Action Plan. Public service agency consultations assist the City to prioritize funding and to identify trends in housing and human service needs.

Identify any Agency Types not consulted and provide rationale for not consulting

There were no specific agency groups not consulted.

Other local/regional/state/federal planning efforts considered when preparing the Plan

Name of Plan	Lead Organization	How do the goals of your Strategic Plan overlap with the goals of each plan?
Continuum of Care	Homeless Resource Council of the Sierras (HRCS)	Serving the homeless community as the CoCs primary concern is addressing the basic needs of the homeless population.

Table 3 – Other local / regional / federal planning efforts

Narrative (optional)

AP-12 Participation – 91.105, 91.200(c)

1. Summary of citizen participation process/Efforts made to broaden citizen participation

Summarize citizen participation process and how it impacted goal-setting

The City receives calls throughout the year and makes note of needed projects. The City also attends stakeholder meetings to hear and make note of the needs of the community. Finally, the City holds a community meeting, a public hearing, and publishes a public notice in the local English paper. To address the Spanish speaking community, the City posts the public notice translated to Spanish in the same local English paper, as well as on the City website. The City also sends the public notices to the Latino Leadership Council, a local organization comprised of various non-profits and agencies, in order to provide outreach to the Spanish-speaking community in the region.

Citizen Participation Outreach

Sort Order	Mode of Outreach	Target of Outreach	Summary of response/attendance	Summary of comments received	Summary of comments not accepted and reasons	URL (If applicable)
1	Public Meeting	Minorities Non-English Speaking - Specify other language: Spanish Persons with disabilities	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	

Sort Order	Mode of Outreach	Target of Outreach	Summary of response/attendance	Summary of comments received	Summary of comments not accepted and reasons	URL (If applicable)
2	Newspaper Ad	Minorities Non-English Speaking - Specify other language: Spanish Persons with disabilities	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	
3	Internet Outreach	Minorities Non-English Speaking - Specify other language: Spanish Persons with disabilities	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	
4	Public Hearing	Non-targeted/broad community	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	See the attached Summary of Citizen Participation.	

Table 4 – Citizen Participation Outreach

Expected Resources

AP-15 Expected Resources – 91.220(c)(1,2)

Introduction

During the five-year Consolidated Plan period, the City estimates receipt of $700,000 annually in CDBG funds from HUD and $50,000 annually in program income generated by previous CDBG funded activities. The City primarily uses CDBG funds for public services, housing and homeless activities and administrative costs. The table below provides a breakdown of anticipated CDBG funding over the first year of the planning period.

In addition to CDBG funding received directly from HUD, the City currently has approximately $1,000,000 in State of California HOME funds (all Program Income) available for owner-occupied housing rehabilitation and administrative costs.

Anticipated Resources

Program	Source of Funds	Uses of Funds	Expected Amount Available Year 1				Expected Amount Available Remainder of ConPlan $	Narrative Description
			Annual Allocation: $	Program Income: $	Prior Year Resources: $	Total: $		
CDBG	public - federal	Acquisition Admin and Planning Economic Development Housing Public Improvements Public Services	736,721	50,000	0	786,721	2,100,000	HUD has announced that the City of Roseville is awarded $736,721 in CDBG funds for 2021. The City anticipates $50,000 in program income receipts.

Table 1 - Expected Resources – Priority Table

Explain how federal funds will leverage those additional resources (private, state and local funds), including a description of how matching requirements will be satisfied

The City's CDBG and HOME funds are often coupled with local funds, allowing capital projects to compete for tax credits, bonds, and other state financing programs. An investment by the City makes projects more competitive under many funding programs. The City's public service grants are limited to $15,000 to encourage programs to use CDBG as leverage for other funding sources.

The HUD CDBG Entitlement program and the State HOME program do not require matching funds. However, the City is committed to being as creative as possible to seek local, state, federal, and private resources to develop and deliver efficient and cost-effective projects.

If appropriate, describe publicly owned land or property located within the jurisdiction that may be used to address the needs identified in the plan

The City owned a piece of land located in the Historic District at the corner of Washington Boulevard and Main Street which was transferred to a developer that created new housing with a 10% affordable housing requirement. Construction of the project completed in early 2021 and the units are now fully occupied.

Discussion

On April 2, 2020, the City was awarded an additional $417,412 in CDBG-CV funds from the CARES Act to address the impacts of the COVID-19 virus. The CDBG-CV funds along with disencumbered "carryover" funds and program income were amended into the City's 2019 Annual Action Plan, but expenditures will continue through program year 2021.

Additionally, on September 11, 2020, the City was awarded an additional $795,721 in CDBG-CV3 funds from the CARES Act to address the impacts of the COVID-19 virus. The CDBG-CV3 funds were amended into the City's 2019 Annual Action Plan, but expenditures will continue through program year 2021.

Annual Goals and Objectives

AP-20 Annual Goals and Objectives

Goals Summary Information

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
1	Addressing Homelessness	2020	2024	Homeless		Shelter and Housing for Homeless Persons		Public service activities other than Low/Moderate Income Housing Benefit: 385 Persons Assisted Homeless Person Overnight Shelter: 390 Persons Assisted Homelessness Prevention: 6 Persons Assisted
2	Rehabilitation of Affordable Rental Housing	2020	2024	Affordable Housing				Rental units rehabilitated: 1 Household Housing Unit
3	Provision of Services for Low-Income Persons	2020	2024	Non-Homeless Special Needs				Public service activities other than Low/Moderate Income Housing Benefit: 940 Persons Assisted
4	Provide Fair Housing Services	2020	2024					Public service activities for Low/Moderate Income Housing Benefit: 60 Households Assisted
5	Rehabilitation of Owner-Occupied Housing	2020	2024	Affordable Housing				Homeowner Housing Rehabilitated: 8 Household Housing Unit

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
6	Prevent, Prepare for and Respond to COVID-19	2020	2022	Homeless Non-Homeless Special Needs Non-Housing Community Development				Jobs created/retained: 15 Jobs Businesses assisted: 15 Businesses Assisted

Table 2 – Goals Summary

Goal Descriptions

1	**Goal Name**	Addressing Homelessness
	Goal Description	Addressing the needs of persons experiencing homelessness in Roseville and providing assistance to persons at risk of homelessness.
2	**Goal Name**	Rehabilitation of Affordable Rental Housing
	Goal Description	Rehabilitation of rental housing to maintain the stock of housing affordable to very low- and low-income households.
3	**Goal Name**	Provision of Services for Low-Income Persons
	Goal Description	Provision of needed services for low-income seniors, youth, victims of domestic violence or sexual assault and persons with disabilities.
4	**Goal Name**	Provide Fair Housing Services
	Goal Description	Promote access to fair housing information and enforcement of Federal and State fair housing law.

5	**Goal Name**	Rehabilitation of Owner-Occupied Housing
	Goal Description	Provide assistance for the rehabilitation of single family homes occupied by low-income homeowners. Projects will primarily be funded with State of California HOME funds, with only a small amount of CDBG funds available for use.
6	**Goal Name**	Prevent, Prepare for and Respond to COVID-19
	Goal Description	Activities conducted to prevent, prepare for or respond to COVID-19 including, but not limited to: assistance to businesses and microenterprise businesses, assistance to allow homeless persons to shelter in place, assistance to agencies serving vulnerable populations affected by the COVID-19 virus or low-income persons affected by economic impacts resulting from COVID-19.

Projects

AP-35 Projects – 91.220(d)

Introduction

During program year 2021, the City of Roseville will used CDBG funds to address the following priority needs identified in the 2020-2024 Consolidated Plan:

- Shelter and Housing for Homeless Persons
- Affordable Rental Housing
- Services for Seniors and Persons with Disabilities
- Services for Youth
- Food and Nutrition Programs
- Maintaining the Affordable Housing Stock
- Services for Sexual Assault and Domestic Violence Victims

Projects

#	Project Name
1	AMI Housing Temporary Rent Assistance & Supportive Services
2	KidsFirst Family Mental Wellness Program
3	Seniors First Meals on Wheels
4	St. Vincent de Paul Society BAGS Food Home Delivery Program
5	Stand Up Placer Roseville Victims Services Project
6	The Gathering Inn Emergency Shelter and Support Services
7	The Gathering Inn Mental Health Clinician
8	Roseville Owner-Occupied Housing Rehabilitation Program
9	Funding in Support of Affordable Housing Development
10	Royer Park Revitalization
11	Administration and Planning

Table 3 – Project Information

Describe the reasons for allocation priorities and any obstacles to addressing underserved needs

All projects address priority needs in the 2020-2024 Consolidated Plan. Applications were evaluated based on the following criteria: meeting a CDBG National Objective, eligible activity, performance under

prior year grants, monitoring compliance, administrative capacity, project feasibility, and fiscal responsibility. Remaining funds were allocated to City projects that serve priority needs as identified in the Consolidated Plan.

Community and local service providers identified the need for more affordable housing as a high priority for Roseville. The most significant obstacle to creating affordable housing is the high cost of development in the region and throughout California. Funding in support of affordable housing development is proposed for CDBG funding in 2021. Additionally, the City will continue to work with affordable housing developers to increase housing opportunities available and affordable to low-income residents over the course of the five year Consolidated Plan.

AP-38 Project Summary

Project Summary Information

1	**Project Name**	AMI Housing Temporary Rent and Utility Assistance with Supportive Services
	Target Area	
	Goals Supported	Addressing Homelessness
	Needs Addressed	Shelter and Housing for Homeless Persons Services for Seniors and Persons with Disabilities
	Funding	CDBG: $15,000
	Description	Advocates for Mental Illness Housing, Inc. will provide transitional housing at Maureen's House for homeless persons and persons at risk of homelessness who have a mental illness. Residents receive case management services to help them stabilize and prepare for a more permanent housing situation. Many residents are referred to the program as they exit emergency shelter, board and care facilities or psychiatric hospitals.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	It is estimated that the program will serve 25 disabled single adults.
	Location Description	Maureen's House, 1112 William Way, Roseville, CA 95678
	Planned Activities	Transitional housing and case management services for single adults with a mental illness.
2	**Project Name**	KidsFirst Family Mental Wellness Program
	Target Area	
	Goals Supported	Provision of Services for Low-Income Persons
	Needs Addressed	Services for Youth
	Funding	CDBG: $15,000
	Description	The program provides evidence-based therapeutic intervention and comprehensive case management services targeted to low-income Roseville children, adults and families in either family, couples or individual therapy or case management.
	Target Date	6/30/2022

	Estimate the number and type of families that will benefit from the proposed activities	It is estimated that 10 families with children will be served by the program.
	Location Description	124 Main Street, Roseville, CA 95678
	Planned Activities	The program will provide evidence-based therapeutic intervention and comprehensive case management services targeted to low-income Roseville children, adults and families in either family, couples or individual therapy or case management. An estimated 10 individuals will receive approximately 12 weeks of therapy or case management.
3	**Project Name**	Seniors First Meals on Wheels
	Target Area	
	Goals Supported	Provision of Services for Low-Income Persons
	Needs Addressed	Services for Seniors and Persons with Disabilities Food and Nutrition Programs
	Funding	CDBG: $15,000
	Description	The program provides nutritious home-delivered meals to Roseville seniors age 60 and older who are homebound and unable to prepare meals or shop for themselves. The program also conducts daily wellness checks and provides social interaction for isolated seniors while ensuring that no senior suffers from hunger or poor nutrition.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	The program will serve 90 elderly or disabled families.
	Location Description	The program serves meals citywide. Offices are located at 12183 Locksley Lane, Suite 205, Auburn, CA 95602.
	Planned Activities	Preparation and delivery of nutritious home-delivered meals to Roseville seniors age 60 and older who are homebound and unable to prepare meals or shop for themselves. The program also conducts daily wellness checks and provides social interaction for isolated seniors.
4	**Project Name**	St. Vincent de Paul Society BAGS Food Home Delivery Program
	Target Area	

	Goals Supported	Provision of Services for Low-Income Persons
	Needs Addressed	Services for Seniors and Persons with Disabilities Food and Nutrition Programs
	Funding	CDBG: $15,000
	Description	The program addresses food insecurity and nutrition for low-income frail elderly and homebound disabled adults. Volunteers deliver groceries sufficient to prepare a minimum of nine nutritious meals each month.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	The program will serve 85 homebound elderly and/or disabled families.
	Location Description	Food preparation occurs at the St. Vincent de Paul Society office and warehouse, 503 Giuseppe Court, #8, Roseville, CA 95678. Deliveries are made to the homes of clients citywide.
	Planned Activities	Program administration and the purchase and distribution of food to homebound elderly and/or disabled clients. Types of food purchased for the BAGS Program include whole grain cereals, fresh fruit and vegetables, super pasteurized milk, dried beans, rice, poultry, lean cuts of beef, tuna fish, peanut butter, and unsalted nuts.
5	**Project Name**	Stand Up Placer Roseville Victims Services Project
	Target Area	
	Goals Supported	Provision of Services for Low-Income Persons
	Needs Addressed	Services for Sexual Assault/Dom Violence Victims
	Funding	CDBG: $15,000
	Description	The program provides crisis-based services to Roseville victims of domestic violence, sexual assault, and human trafficking to increase access to services needed for safety and recovery from trauma and to enhance recovery and resilience. Services can be accessed at the Roseville office or by calling the 24 hour crisis phone line.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	The program will serve 650 Roseville residents who are victims of domestic violence, sexual assault or human trafficking.

	Location Description	Stand Up Placer, 775 Sunrise Avenue, Suites 160 & 200, Roseville, CA 95661

	Planned Activities	The program provides the following services to victims of domestic violence, sexual assault and human trafficking: crisis intervention, safety planning, clinical therapy, legal advocacy, victim and social services advocacy, court accompaniment, assistance with temporary restraining orders, support groups, and referrals to the safe house and partner agencies when needed. Bilingual services in Spanish are available in the Roseville office.
6	**Project Name**	The Gathering Inn Emergency Shelter and Support Services
	Target Area	
	Goals Supported	Addressing Homelessness
	Needs Addressed	Shelter and Housing for Homeless Persons
	Funding	CDBG: $15,000
	Description	The program provides emergency shelter and supportive services for homeless men, women and children. Clients are provided with case management and supportive services to help overcome barriers to good health, employment and stable housing.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	The program will provide shelter to 360 homeless individuals that may be single adults, couples or families with children.
	Location Description	201 Berkeley Avenue, Roseville, CA 95678
	Planned Activities	The program will provide emergency shelter to homeless individuals and families, coupled with services including provision of clean clothing, hot meals, medical and dental care, case management, substance abuse programs, life skills classes and mental health services.
7	**Project Name**	The Gathering Inn Mental Health Clinician
	Target Area	
	Goals Supported	Addressing Homelessness Provision of Services for Low-Income Persons
	Needs Addressed	Shelter and Housing for Homeless Persons Services for Seniors and Persons with Disabilities
	Funding	CDBG: $15,000

	Description	The program provides on-site mental health support and counseling to homeless adults and families residing at The Gathering Inn emergency shelter.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	The program will serve 360 homeless individuals and families.
	Location Description	The Gathering Inn, 201 Berkeley Avenue, Roseville, CA 95678
	Planned Activities	The program will provide a part-time on-site mental health clinician at The Gathering Inn emergency shelter to provide individual counseling, weekly mindful meditation classes and cognitive behavioral therapy classes to homeless individuals and families. The mental health clinician also provides training and support to the shelter case management staff.
8	**Project Name**	Roseville Owner-Occupied Housing Rehabilitation Program
	Target Area	
	Goals Supported	Rehabilitation of Owner-Occupied Housing
	Needs Addressed	Maintaining the Affordable Housing Stock
	Funding	CDBG: $74,377
	Description	The City of Roseville Owner-Occupied Housing Rehabilitation Program provides financial assistance to low-income homeowners for home repairs and improvements. The City will use State of California HOME funds for most projects and will reserve CDBG funds for items that are not eligible under HOME program regulations.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	It is estimated that CDBG funds will provide assistance to 6 low-income homeowner families. Projects will primarily be funded using State of California HOME funds with only a small amount of CDBG funding available.
	Location Description	City of Roseville, Housing Division, 316 Vernon Street, Roseville, CA 95678

	Planned Activities	The program will provide financial assistance to low-income homeowners for home repairs and improvements. The City will use State of California HOME funds for most projects and will reserve CDBG funds for items that are not eligible under HOME program regulations.

9	**Project Name**	Funding in support of affordable housing development
	Target Area	
	Goals Supported	Development of Affordable Rental Housing
	Needs Addressed	Affordable Rental Housing
	Funding	*CDBG: $160,000*
	Description	The development of rental housing affordable to low-income households and individuals.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	5 households
	Location Description	Roseville Citywide
	Planned Activities	Funding towards the development of affordable housing. Project will support new housing development either through demolition, clearance of site, or acquisition of a site to be used for new affordable housing development.
10	**Project Name**	Royer Park Revitalization
	Target Area	Folsom Road Neighborhood, Placer County California Block Group 1, Census Tract 209.01 Block Group 1, Census Tract 208.06 Block Group 2, Census Tract 208.06
	Goals Supported	Public Facilities and Improvements
	Needs Addressed	Recreational facilities and infrastructure
	Funding	*CDBG: $250,000*
	Description	Royer Park is an older park, purchased from the Royer family in 1917. The park serves a predominately low-income neighborhood. With this funding, safety and accessibility, and necessary improvement of recreational amenities will be addressed.
	Target Date	6/30/2022

	Estimate the number and type of families that will benefit from the proposed activities	A minimum of 2,200 low income men, women, and children will benefit from this project.
	Location Description	190 Park Drive Roseville 95678
	Planned Activities	Completion of accessibility and safety items, and improvement of recreational amenities in the revitalization of Royer Park.
11	**Project Name**	Administration and Planning
	Target Area	
	Goals Supported	
	Needs Addressed	
	Funding	CDBG: $147,344
	Description	Administration and planning for the CDBG program.
	Target Date	6/30/2022
	Estimate the number and type of families that will benefit from the proposed activities	
	Location Description	City of Roseville, Housing Division, 316 Vernon Street, Roseville, CA 95678
	Planned Activities	Administration and planning for the CDBG program.

AP-50 Geographic Distribution – 91.220(f)

Description of the geographic areas of the entitlement (including areas of low-income and minority concentration) where assistance will be directed

The City of Roseville does not allocate funding on a geographic basis. Funds are allocated to organizations and projects providing low-income households with housing and supportive services, and to activities addressing the needs of low-income neighborhoods. The City prioritizes the use of CDBG, HOME and other federal and State funding for the development and preservation of affordable housing serving low-income households and addressing homelessness.

The City allocates investment of affordable housing resources on a citywide basis. The City's affordable housing programs include the Housing Choice Voucher program and the Owner-Occupied Housing Rehabilitation program. In addition, rental and purchase units created under the City's 10% Affordable Housing Goal are offered on a citywide basis. Public service activities targeted to special needs populations are offered on a citywide basis and/or where resources can be coordinated with existing facilities or services.

Geographic Distribution

Target Area	Percentage of Funds

Table 4 - Geographic Distribution

Rationale for the priorities for allocating investments geographically

Not applicable.

Discussion

The City offers projects and programs funded with CDBG and other housing resources on a citywide basis.

Affordable Housing

AP-55 Affordable Housing – 91.220(g)

Introduction

Affordable housing is one of the highest priority concerns identified in the consolidated planning process. Increasing opportunities for affordable housing is a goal of the City Council 2021-2024 Strategic Plan. The development of affordable housing is constrained by the cost of land, construction, fees and financing. The City of Roseville is committed to maintaining the existing affordable housing stock and increasing the supply of affordable housing available to low-income families. The numbers in the charts below represent the following housing activities planned for program year 2021/2022: Project #1 AMIH transitional housing for homeless persons; Project #4 Owner-Occupied Housing Rehabilitation.

One Year Goals for the Number of Households to be Supported	
Homeless	25
Non-Homeless	6
Special-Needs	0
Total	31

Table 5 - One Year Goals for Affordable Housing by Support Requirement

One Year Goals for the Number of Households Supported Through	
Rental Assistance	25
The Production of New Units	0
Rehab of Existing Units	6
Acquisition of Existing Units	0
Total	31

Table 6 - One Year Goals for Affordable Housing by Support Type

Discussion

The City prioritizes the use of CDBG, HOME and other federal and State funding for the development and preservation of affordable housing serving low-income households and addressing homelessness. The City's affordable housing programs include the Housing Choice Voucher program and the Owner-Occupied Housing Rehabilitation program. In addition, rental and purchase units are created under the City's 10% Affordable Housing Goal.

AP-60 Public Housing – 91.220(h)

Introduction

The Roseville Housing Authority (RHA) administers the Housing Choice Voucher Program for both the City of Roseville and the City of Rocklin. The RHA administers 735 Roseville Housing Choice Vouchers which include 65 Veterans Affairs Supportive Housing (VASH) Vouchers, 33 Mainstream Vouchers, 75 Non-Elderly Disabled (NED) Vouchers and 125 Rocklin Vouchers. VASH Vouchers provide housing assistance to homeless veterans that is coupled with services provided by the Veterans Administration. Mainstream Vouchers are reserved for households with a disabled family member between the ages of 18 and 62. NED Vouchers are limited to families with a disabled head of household or spouse that is under age 63. The RHA does not own or operate public housing units.

The RHA acts in accordance with federal regulations relating to persons with disabilities. The RHA has implemented fair, thorough, and accessible reasonable accommodations request process. Private owners participating in the voucher program are expected to understand and comply with all federal, state, and local laws as they relate to nondiscrimination and accessibility for persons with disabilities.

Actions planned during the next year to address the needs to public housing

The RHA does not own or operate any public housing units.

Actions to encourage public housing residents to become more involved in management and participate in homeownership

The RHA does not own or operate public housing units. The agency administers the Housing Choice Voucher Program. RHA operates a Family Self-Sufficiency (FSS) Program for voucher holder. The FSS program has established partnerships with a variety of community resources and refers participants for services including pre- and post-secondary education, health care, child care, employment development, supported employment and small business development including micro-loans. The FSS Program encourages families to participate in financial wellness programs including financial literacy and credit repair with an emphasis on long-term financial stability for the purposes of homeownership.

If the PHA is designated as troubled, describe the manner in which financial assistance will be provided or other assistance

HUD has not designated the RHA as a troubled housing authority.

AP-65 Homeless and Other Special Needs Activities – 91.220(i)

Introduction

The City of Roseville actively participates in the Placer County Continuum of Care CA-515 (CoC) and the Homeless Resource Council of the Sierras (HRCS). HRCS is a regional planning group acting as the collaborative applicant for the Placer and Nevada County CoCs and documents the demographics of persons experiencing homelessness through the Homeless Management Information System (HMIS). Member agencies of the Placer CoC include: Placer County Adult System of Care, Placer County CalWORKs, The Gathering Inn, The Lazarus Project, Volunteers of America, Whole Person Care, Whole Person Learning, Advocates for Mentally Ill Housing, Stand Up Placer, Placer Independent Resource Services, Project Go, City of Roseville, City of Rocklin, Tahoe/Truckee Health and Human Services, and the Sierra Foothills AIDS Foundation.

Describe the jurisdictions one-year goals and actions for reducing and ending homelessness including:

Reaching out to homeless persons (especially unsheltered persons) and assessing their individual needs

The City of Roseville is a member of the Placer County CA515 (CoC). The member agencies of the CoC take primary responsibility for outreach to homeless persons residing in the City. Member agencies include Placer County Adult System of Care, Placer County CalWORKs, The Gathering Inn, The Lazarus Project, Volunteers of America, Whole Person Care, Whole Person Learning, Advocates for Mentally Ill Housing, Stand Up Placer, Placer Independent Resource Services, Project Go, City of Roseville, City of Rocklin, Tahoe/Truckee Health and Human Services, and the Sierra Foothills Aids Foundation. The City provides CDBG funds to several of these agencies to support this important work.

The City also participates in the Placer Collaborative Network (PCN), which was created to bring community leaders together to develop creative solutions for change surrounding homelessness. The organization provides on-the-ground projects, leadership development, linkages and referrals to services; and creative and collaborative solutions for the most pressing community issues in Placer County through collaboration, creativity and service.

The City supports the following outreach and assessment activities:

- Placer County Continuum of Care (CoC) implementation of coordinated entry for all households who are entering the homeless system or are at risk of homelessness.
- CoC coordination of outreach to homeless households (especially unsheltered persons) to assess individual needs using a coordinated entry and common assessment tool; collection of information to determine the underlying issues and risk factors and develop a plan to address

those issues

- Continuation of street outreach conducted by the Social Services Unit of the Police Department and the Placer County Whole Person Care program
- Reduction of recidivism through system-wide implementation of evidenced-based practices known to effectively address trauma and address cycles into homelessness
- Address the emergency shelter needs of people living outside through increased street outreach and assessment of their health needs
- Implementation of a low and no-barrier approach to housing and outcome-based reporting that uses measurements to assess appropriate use of funds and program success

Addressing the emergency shelter and transitional housing needs of homeless persons

The City has identified affordable housing and addressing homelessness as its two top priority needs and goals for the 2020-2024 Consolidated Plan. The City supports the following activities with a combination of HUD CDBG funds, State funds and local funds when available:

- Provision of emergency shelter with a focus on case management and supportive services
- Transitional housing programs
- Rapid re-housing for persons at risk of homeless or who recently became homeless

Additionally, short-term strategies include but are not limited to the following:

- Expanding street outreach efforts to prioritize the needs of persons living outside, especially those whose health is compromised. These efforts are being extended through the Social Services Unit of the Police Department and the County's Whole Person Care program.
- Sustaining existing emergency shelter inventory and helping those in shelter exit to permanent housing through rental assistance and case management addressing specific barriers to obtaining and retaining housing. Through the Placer County Housing Coordinators, Roseville Housing vouchers, and the Whole Person Care staff noted above, more individuals are existing to permanent housing options.

Helping homeless persons (especially chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth) make the transition to permanent housing and independent living, including shortening the period of time that individuals and families experience homelessness, facilitating access for homeless individuals and families to affordable housing units, and preventing individuals and families who were recently homeless from becoming homeless again

Persons experiencing homelessness often require supportive services to make a successful transition into a permanent housing situation. The following efforts support individuals and families transitioning

to permanent and independent living situations in Roseville. The City provides funding to most of these programs.

- The Roseville Housing Authority administers 65 HUD-VASH vouchers. VASH vouchers provide housing assistance to homeless veterans and veteran families, coupled with supportive services provided by the Veterans Administration. Volunteers of America also assists veterans and veteran families through the Veterans Families Program and Homeless Reintegration Program.
- The Transition to Independence Process (TIP) serves Transition Aged Youth ages 14 to 24 who are experiencing emotional and/or behavioral difficulties. Youth receive assistance to make a successful transition into adulthood.
- The Placer County Whole Person Care program provides services to persons who are homeless or at risk of homelessness who are high users of multiple services, including emergency departments, probation, mental health and substance use programs and social services to coordinate physical health, behavioral health, and social services.
- Advocates for Mentally Ill Housing (AMIH) provides case management, housing and support services to individuals with mental illness including homeless and persons at risk of homelessness.
- The Gathering Inn provides emergency homeless shelter services and mental health clinician services for homeless individuals and families with children.
- Volunteers of America Home Start program provides shelter, housing and supportive services to individuals and families with children who are experiencing homelessness.

Helping low-income individuals and families avoid becoming homeless, especially extremely low-income individuals and families and those who are: being discharged from publicly funded institutions and systems of care (such as health care facilities, mental health facilities, foster care and other youth facilities, and corrections programs and institutions); or, receiving assistance from public or private agencies that address housing, health, social services, employment, education, or youth needs

Both affordable housing and supportive services are needed in the community to enable persons with special needs to live independently and to avoid becoming at risk for homelessness or at risk of institutionalization. The following services are available in the City of Roseville:

- The City provides funding for rapid re-housing to help at risk individuals and families to avoid entering a cycle of homelessness.
- The Roseville Housing Authority administers 33 Housing Choice Voucher Mainstream Vouchers reserved for households with a disabled family member, and 75 Non-Elderly Disabled Vouchers that provide rental assistance to make housing affordable even to households at the extremely low-income level.
- The Placer County Department of Health and Human Services, Adult System of Care provides assistance to vulnerable populations throughout the county, including Roseville residents. The

agency provides mental health services, substance abuse treatment, in-home support services for elderly and disabled; and also operates housing programs for clients.

- Advocates for Mentally Ill Housing (AMIH) provides case management, permanent supportive housing and other services to individuals with mental illness including homeless and persons at risk of homelessness.
- KidsFirst offers intensive social services and individual therapy to children and families with young children.
- The Transition to Independence Process (TIP) serves Transition Aged Youth ages 14 to 24 who are experiencing emotional and/or behavioral difficulties. Youth receive assistance to make a successful transition into adulthood.

Discussion

CARES Act Projects - The City is collaborating with the Placer County Department of Health and Human Services and the State of California Project Roomkey to increase the number of homeless persons in shelter, and to secure motel rooms and mobile homes for homeless persons and others who must be in isolation or quarantine to reduce the spread of the COVID-19 virus. Many of the programs and services identified above will receive additional funding from Federal and State sources to address the impacts of the COVID-19 virus, but this may not be sufficient to address the additional burden caused by illness, quarantine and isolation, loss of income, school closures and disruption of the food supply chain.

The City has allocated $24,000 of CDBG-CV3 funding through the 2019 Annual Action Plan to provide funding to Placer County towards the Project Roomkey project. The City has also allocated $50,000 of CV3 funding to Placer County Office of Education to provide subsidized after-school care for McKinney Vento homeless students attending Roseville schools. Additionally, the City has allocated $250,000 of CV3 funding to provide funding for homeless prevention through the payment of rent and utility payments, which will serve two hundred households and keep families housed.

AP-75 Barriers to affordable housing – 91.220(j)

Introduction:

The most significant barrier to affordable housing in the City of Roseville is the cost of land, construction and financing. The City targets housing resources, including entitlement CDBG and State of California HOME funds, to the creation and preservation of affordable rental units and permanent supportive housing for low-income and very low-income households.

The Sacramento Valley Analysis of Impediments to Fair Housing Choice found the following concerns in the region: need for more affordable housing and rental subsidies, need to address mortgage credit and loan origination disparities among varying ethnicities and neighborhoods; lack of knowledge and education regarding fair housing rights and housing discrimination; need for formal policies and procedures surrounding exceptions and variances requested by persons with disabilities.

Actions it planned to remove or ameliorate the negative effects of public policies that serve as barriers to affordable housing such as land use controls, tax policies affecting land, zoning ordinances, building codes, fees and charges, growth limitations, and policies affecting the return on residential investment

The following is a summary of the City's plan to address public policies that may impact affordable housing development as noted in the 2013 Housing Element.

- Development Process. To expedite project facilitation and provide internal support to project applicants, the City established the Development Advisory Committee to build relationships between the City and the development community; and to provide input into delivery of development services, cost of services, construction standards, development impact fees, and other development service policy areas.
- Fee Structure. The City will continue to review its fee system and work toward graduated fees as a means of reducing the cost of housing development. The City's Development Services Department works with the Development Advisory Committee. The City recognizes that fees can affect the cost of construction and of affordable housing in the community.
- Subdivision Improvement Standards and Zoning Ordinance. The City will review and modify its Subdivision Improvement Standards, where reasonable, to provide cost savings in the development of residential units while continuing to ensure the public health, safety, and welfare.
- Affordable Housing. The City will assign priority to educating the citizens of Roseville regarding the importance of providing affordable housing to support job growth. This will be done through public education, public participation, and fair housing information.
- Rental Housing. The City will analyze implementation of a Mortgage Revenue Bond Program for both owner-occupied and rental properties.
- Land Costs, Construction, and Financing. The City will seek additional financing and subsidy from

state and federal funding sources for affordable projects when available.

Discussion:

The City will seek to secure additional resources such as the new federal Housing Trust Fund and State of California bond funds targeted to lower-income households. Housing resources will be primarily targeted to the creation and preservation of housing for persons experiencing homelessness and those at risk of becoming homeless. Additionally, the City recently received an approximately $313,000 award of Permanent Local Housing Allocation, which will be used towards homeless prevention and rapid rehousing.

AP-85 Other Actions – 91.220(k)

Introduction:

One of the primary obstacles to meeting underserved needs of residents is the availability of funding. The City actively seeks additional funding opportunities and will continue to do so when funds are available. The City collaborates with private, non-profit and governmental partners to maximize benefits to needy and vulnerable residents.

Actions planned to address obstacles to meeting underserved needs

Throughout the public participation process, the community emphasized the need for more affordable housing, shelter, homeless services, mental health services and services for seniors. The City will provide 2021 CDBG funding to programs providing rental assistance to persons who are homeless or at risk of homelessness, rehabilitation of housing for homeless and persons with mental illness, mental health treatment for homeless and youth, food and nutrition services for seniors, in addition to victims services targeted to low-income residents.

Actions planned to foster and maintain affordable housing

The City will continue to operate the Owner-Occupied Housing Rehabilitation program that provides CDBG funds and State of California HOME funds for improvements to the homes of low-income homeowners

Actions planned to reduce lead-based paint hazards

The City's Owner-Occupied Housing Rehabilitation Program requires inspections for the presence of lead-based paint and the potential hazard such paint may pose to occupants for all units built prior to 1978. If the inspection reveals that a potential hazard exists, the City requires the mitigation or removal of the lead-based paint hazard in accordance with HUD guidelines. The City addresses the issue of lead-based paint hazards by providing lead-based paint hazard notices to landlords and tenants who participate in the Housing Choice Voucher Program, to all participants of the Housing Rehabilitation Program. Additionally, all rental units that are rehabilitated with CDBG or HOME funds are subject to lead-based paint compliance requirements. The creation of new affordable housing units and reduction of hazards through rehabilitation of older units provides low-income households with homes that are free of lead-based paint hazards.

Actions planned to reduce the number of poverty-level families

In 2021, CDBG funds will be used to support case management and counseling that will assist participants to access income assistance such as Disability Insurance, Social Security or Temporary Aid to Families (TANF); and employment counseling to obtain jobs, when possible, to sustain family wealth creation.

The Roseville Housing Authority Family Self Sufficiency Program (FSS) is a voluntary program designed to assist families to access community resources and achieve self-reliance through education, job training, and other supportive services. The FSS Coordinator establishes a supportive case management relationship with participants and provide guidance to help define career goals, identify and reduce the barriers to achieve those goals, and access resources that foster independence from public assistance programs. Participants are eligible for an interest-bearing escrow account for wealth generation as an incentive for full program participation.

Actions planned to develop institutional structure

The City actively participates in the Placer County Continuum of Care CA-515 (CoC) the Placer Collaborative Network, and the Homeless Resource Council of the Sierras (HRCS). HRCS is a regional planning group acting as the collaborative applicant for the Placer and Nevada County CoCs and documents the demographics of persons experiencing homelessness through the Homeless Management Information System (HMIS). Member agencies of the Placer CoC include: Placer County Adult System of Care, Placer County CalWORKs, The Gathering Inn, The Lazarus Project, Volunteers of America, Whole Person Care, Whole Person Learning, Advocates for Mentally Ill Housing, Stand Up Placer, Placer Independent Resource Services, Project Go, City of Roseville, City of Rocklin, Tahoe/Truckee Health and Human Services, Sierra Foothills AIDS Foundation.

Actions planned to enhance coordination between public and private housing and social service agencies

The City relies on private, nonprofit organizations as well as for-profit developers to build new affordable units and to rehabilitate existing housing units. City staff will continue to work closely with these entities to ensure that as many new affordable units are produced as possible in each year, in addition to maintenance of existing affordable housing stock. The City relies on the nonprofit service sector to provide emergency shelter, transitional and special needs housing and services to special needs and homeless populations. The City will continue to support these organizations and their activities to the fullest extent possible

Discussion:

This optional section not used.

Program Specific Requirements

AP-90 Program Specific Requirements – 91.220(l)(1,2,4)

Introduction:

As a recipient of CDBG funds from HUD, the City of Roseville is required to present the following information regarding funds to be available during program year 2020.

Community Development Block Grant Program (CDBG)
Reference 24 CFR 91.220(l)(1)

Projects planned with all CDBG funds expected to be available during the year are identified in the Projects Table. The following identifies program income that is available for use that is included in projects to be carried out.

1. The total amount of program income that will have been received before the start of the next program year and that has not yet been reprogrammed	0
2. The amount of proceeds from section 108 loan guarantees that will be used during the year to address the priority needs and specific objectives identified in the grantee's strategic plan.	0
3. The amount of surplus funds from urban renewal settlements	0
4. The amount of any grant funds returned to the line of credit for which the planned use has not been included in a prior statement or plan	0
5. The amount of income from float-funded activities	0
Total Program Income:	**0**

Other CDBG Requirements

1. The amount of urgent need activities	0
2. The estimated percentage of CDBG funds that will be used for activities that benefit persons of low and moderate income. Overall Benefit - A consecutive period of one, two or three years may be used to determine that a minimum overall benefit of 70% of CDBG funds is used to benefit persons of low and moderate income. Specify the years covered that include this Annual Action Plan.	100.00%

The City anticipates determining the minimum overall benefit of low- and moderate-income persons on a one year basis. The year covered by this Annual Action Plan is program year 2020 (July 1, 2020 through June 30, 2021).

Appendix - Alternate/Local Data Sources

1	**Data Source Name** Roseville Housing Authority data
	List the name of the organization or individual who originated the data set. Roseville Housing Authority
	Provide a brief summary of the data set. Data was collected from the Roseville Housing Authority.
	What was the purpose for developing this data set? PIC data in the eCon Planning Suite was not accurate.
	How comprehensive is the coverage of this administrative data? Is data collection concentrated in one geographic area or among a certain population? Data is for all Roseville Housing Authority Housing Choice Voucher participants.
	What time period (provide the year, and optionally month, or month and day) is covered by this data set? Data is accurate as of March 30, 2021.
	What is the status of the data set (complete, in progress, or planned)? Data is complete.

SUBSTANTIAL AMENDMENT

The City of Roseville proposes a Substantial Amendment to the 2020 Consolidated Plan.

This document constitutes the City of Roseville's proposed substantial amendment to the following document:
• Five-Year (FY 2020 - 2024) Consolidated Plan, covering July 1, 2020 through June 30, 2025

Summary of Substantial Amendment to 2020 – 2024 Consolidated Plan:

Section NA-50 of the Consolidated Plan describes Non-Housing Community Development Needs and the City's need for Public Facilities. NA-50 references the City of Roseville 2025 General Plan, where public facilities goals and policies are noted, including the following:

- Provide recreational facilities and parks for all sectors of the community.
- Ensure adequate funding for recreation and parks improvement and maintenance.
- Provide library facilities necessary to meet the needs of the community.

In reference to NA-50 in the Consolidated Plan, the City is now making the funding of public facilities and improvements a priority goal.

The following Goal 8 specific to Public Facilities and Improvements is proposed to be added to the Consolidated Plan:
Goal 8: Public Facilities and Improvements
Priority 10: Recreational facilities and infrastructure

The following sections in the Consolidated Plan will be amended:

ES-05 Executive Summary - 24 CFR 91.200(c), 91.220(b)

2. Summary of the Objectives and Outcomes Identified in the Plan Needs Assessment Overview

The Strategic Plan section of this document sets the following goals for the use of CDBG and other housing funds in Roseville, based on citizen participation comments and analysis of data in the Plan.
1. Addressing Homelessness
2. Development of affordable rental housing
3. Rehabilitation of affordable rental housing
4. Provision of services for low-income persons
5. Provide fair housing services
6. Rehabilitation of owner-occupied housing
7. Prevent, prepare for, and respond to the COVID-19 virus
8. Public facilities and improvements

SP-25 Priority Needs - 91.215(a)(2)

Priority Needs

Table 1 – Priority Needs Summary

10	**Priority Need Name**	Recreational facilities and infrastructure
	Priority Level	Low

	Population	Extremely Low Low Moderate Large Families Families with Children Elderly
	Geographic Areas Affected	
	Associated Goals	Public Facilities and Improvements
	Description	Utilizing Community Development Block Grant funds provide funding for public facility or infrastructure improvements to address removal of architectural barriers and any other improvements identified for special needs populations.
	Basis for Relative Priority	The City of Roseville 2025 General Plan outlines the City's public facility needs, which include the provision of recreational facilities and parks for all sectors of the community, as well as ensuring adequate funding for recreation and parks improvement. These needs were determined through a variety of public participation efforts, including numerous neighborhood meetings, and team workshops with significant input from the City Council, the Planning Commission, and advanced planning staff from the City's Planning Division.

SP-45 Goals Summary – 91.215(a)(4)

Goals Summary Information

Sort Order	Goal Name	Start Year	End Year	Category	Geographic Area	Needs Addressed	Funding	Goal Outcome Indicator
8	Public Facilities and Improvements	2021	2024	Non-Housing Community Development	None	Non-Housing Community Development		Public Facility or Infrastructure Activities other than Low/Moderate Income Housing Benefit: 4,720 Persons Assisted

Goal Descriptions

8	**Goal Name**	Public Facilities and Improvements
	Goal Description	Funding for Public Facilities and Improvements in qualified low-income census tracts and Removal of Architectural Barriers projects.

2021-22 CDBG APPLICATIONS

REVIEW PANEL AND STAFF FUNDING RECOMMENDATIONS

CDBG PROGRAM

	Organization	Application	FY 2021-22 Request	Recommended
	Public Services			
1	AMI Housing	Temporary Rent & Utility Assistance with Supportive Services	15,000	15,000
2	KidsFirst	Family Mental Wellness Program	15,000	15,000
3	Saint Vincent de Paul	BAGS Program	15,000	15,000
4	Seniors First	Meals on Wheels	15,000	15,000
5	Stand Up Placer, Inc.	Victims Services Project	15,000	15,000
6	The Gathering Inn	Emergency Shelter Services	15,000	15,000
7	The Gathering Inn	Mental Health Clinician	15,000	15,000
	Total public services		**105,000**	105,000
	15% cap 2021 award		129,301	
	Public Facilities and housing			
8	City of Roseville	Housing Rehabilitation Grants/Staff costs	204,377	204,377
9	City of Roseville	Royer Park Revitalization	280,000	280,000
	Total public facilities and housing			484,377
	Administration		**147,344**	147,344
10	20% cap 2021 award		147,344	
	Total allocations			**736,721**
	FY 2021-22 award		736,721	736,721

COUNCIL COMMUNICATION

CC #: 1449
File #: 0800-02

Title:	Proposed Water, Wastewater, and Waste Services Utility Rate Adjustments and Municipal Code Revisions for Fiscal Year 2021-22 and Fiscal Year 2022-23
Contact:	Janet Vargas 916-774-5557 jvargas@roseville.ca.us Nancy Rothlisberger 916-774-5564 nrothlisberger@roseville.ca.us

Meeting Date: 5/5/2021
Item #: 9.2.

RECOMMENDATION TO COUNCIL

Staff recommends that City Council:

1. Conduct the scheduled hearing to receive public comment and respond to questions regarding proposed adjustments to water, wastewater, and waste services utility rates.
2. Introduce for first reading the attached ordinance amending the Roseville Municipal Code sectic pertaining to water (14.08.090, 14.08.100), wastewater (14.16.200, 14.16.201, 14.16.220, 14.16.230, 14.17.08), and waste services (9.12.100) utility rates to implement the adjustments a add modifications for clarity and consistency as shown in Attachment A.
3. Adopt the utility rate adjustments as presented. The proposed changes would result in the following:

   - Beginning July 1, 2021, the monthly rate adjustment for a typical residential customer will be:
     - Water: $1.39
     - Wastewater: $2.68
     - Waste Services: $4.21

   - Beginning July 1, 2022, the monthly rate adjustment for a typical residential customer will be:
     - Water: $1.56
     - Wastewater: $2.70
     - Waste Services: $4.99

A typical residential customer uses an average of 1,400 cubic feet of water per month, has a flat wastewa rate, a single 90-gallon garbage container, and a single 90-gallon green waste container.

BACKGROUND

Based on City Council direction since 2005, small and incremental rate adjustments for water, wastewate and waste services utilities are preferred over larger, longer-term adjustments. This biennial rate analysis conducted in accordance with City Council's directive and concludes a year-long effort consisting of a ter year financial planning horizon from fiscal year (FY) 2021-22 through FY2030-31. The study meets the le requirement for setting rates that are equal to the cost of services provided. The proposed two-year rate

implementation will meet the financial goal of generating sufficient revenue given the current assessment future expenses and economic reserves.

City Council adopted the previous adjustments to water, wastewater, and waste services utility rates in Ma 2019, which consisted of two annual adjustments (effective July 5, 2019 and July 1, 2020).

Environmental Utilities Department

The Environmental Utilities Department (EU) operates municipal water, wastewater, and waste services utilities for residential, commercial, and industrial customers. City ownership of these utilities provides customers the benefit of reliable service while still having rates among the lowest in the region. High quali and environmentally sound water, wastewater, and waste services utility operations are essential for public health and economic vitality.

Charter of the City of Roseville

The Roseville City Charter mandates that each utility be financially self-sufficient, meet its financial obligations for debt service, and provide for ongoing maintenance and operations. It also allows utility reserve funds to be set aside for the replacement, improvement, and extension of the utilities. Section 10 of the Charter states:

> *". . . Each city-owned utility shall be financially self-sufficient, and shall fully compensate the city general fund for all goods, services, real property and rights to use or operate on or in city-owned real property. (Amended by general municipal election on November 7, 2000.)"*

The Charter further states in section 7.075:

> *"The Council shall annually set aside from the income of each of its revenue producing public utilities the following amounts and in the following order, to wit:*
> *First: An amount fully sufficient for the payment of principal, interest, reserve fund and sinking fund requirements of any revenue bonds or general obligation bonds secured in whole or in part from such utility revenues, the proceeds of which bonds have been applied to the acquisition, construction or completion of such public utilities.*
> *Second: An amount sufficient to pay or provide for the payment of maintenance and operation of such public utilities, including a reserve for maintenance and operation. . . ."*

In conjunction with the City mandate to be financially self-sufficient, each utility within EU is represented b an enterprise fund to account for "business-type activities" similar to that of private industry. They do not make a profit and account for all expenses and revenues completely separate from the City's General Fu Funding for utility operations is primarily from monthly utility charges.

Utility Rate Analysis and Results

EU contracted with IB Consulting, LLC, an independent rates consultant, to conduct the rate analysis with City staff. The comprehensive rate study report is included as Attachment B. The rates analysis consider the forecasted costs of utility operations, rehabilitation, capital projects, and adopted fiscal policies and does the following:

1. Complies with Proposition 218, the main components of which are:
    - An agency cannot collect revenue beyond what is necessary to provide service.
    - No charge may be imposed for a service unless that service is actually used or immediately available to the owner of the property.
    - Revenues derived from the charge shall not be used for any other purpose other than that for which the charge was imposed.

- Fairness in apportionment of total costs of service amongst ratepayer classes to avoid subsidization within the rates.

2. Reflects EU's adopted fiscal policies for economic reserves:
   - Water and wastewater: rate stabilization funds equivalent to 50 percent of operating expenses and emergency reserves equivalent to 25 percent of operating expenses
   - Waste services: rate stabilization and emergency reserve funds totaling 25 percent of operating expenses
3. Ensures EU can meet commitments made to bonding agencies for the water and wastewater utilitie by maintaining a bond covenant requirement (ratio of net revenues to expenses) of 1.20x. Meeting the commitments is critical to maintaining the City's credit rating.

The process to establish rates that support fiscal stability relies on long-term financial planning and sounc fiscal policies. Each utility continues to be subject to increases in significant regulatory, operational, and rehabilitation costs. General cost increases for all utilities include:

- Debt coverage requirements: Water and wastewater utility net revenue calculation fiscal policy g of ≥ 1.8x (the actual bond covenant requirements are lower at 1.2x).

- Inflation: All utilities have seen costs increase in general. An inflation factor of 3 percent (based the Consumer Price Index) was used in the rate model.

- Cost of City services: As a non-General Fund department, EU pays a proportionate share for administrative and support services such as for Human Resources, Finance, and the City Attorn These reimbursed costs were assumed to increase by 5 percent annually for the entire financial planning horizon.

- Salaries: Labor cost inputs were based on salaries in existing negotiated contracts. No salary increases were assumed beyond the current negotiated contracts for the two-year duration of th proposed rate adjustments.

- Regulatory requirements: Water, wastewater, and waste services utilities are highly regulated. O average, 20 percent of utility expenses are associated with regulatory compliance. New requirements, such as unfunded mandated programs, increasingly stringent reporting requirements, and compliance with updated standards have become routine.

In addition to these general costs, there are many specific drivers of operational costs including: (1) state legislation (SB 1383) requiring the City to reduce its organics disposal by 50 percent in 2022 and 74 percent in 2025—leading to significant operating cost increases for waste services such as the addition c several new trucks and drivers, (2) new laboratory standards for wastewater, and (3) plans to greatly impro the City's water supply reliability.

The rates analysis concluded that (1) adjustments to water, wastewater, and waste services utility rates ar necessary to keep the utilities fiscally sound and (2) transfers from the rate stabilization funds can mitigate the rate increases: Water - $250,000 in FY2021-22, Wastewater - $2.25 million in FY2021-22 and $1 mi in FY2022-23, and Waste Services - $3.5 million in FY2021-22. Without these infusions, the rate increas would have been higher for each utility. These amounts will be paid back over several years and EU will continue additional transfers to the rate stabilization funds as year-end results in the operations funds allo

The proposed rate adjustments maintain the City's position as one of the lowest overall cost providers in region, strengthens the City's rehabilitation programs, and rebuilds economic reserves to ensure fiscal soundness and resiliency in the face of upcoming unfunded mandates and regulatory requirements.

Public Outreach
Consistent with City Council's priority to provide information to the community on a timely basis, staff conducted public outreach through a number of different venues. A summary of outreach efforts is includ in this report as Attachment C.

In compliance with Proposition 218, a California law since 1996, notices were sent to all property owners March 19, 2021. A copy of the notice is included in this report as Attachment D. The notice outlines rate details and the process for protesting the proposed rate adjustments. Protest ballots could be mailed or hand-delivered to the City Clerk on or before the public hearing date, or in person at the public hearing or May 5, 2021. At the close of the Public Hearing, the City Clerk will announce the total number of protest responses. If written protests against the proposed rate adjustments are presented by a majority of the owners of identified parcels, City Council cannot impose the adjustments.

Rehabilitation Costs
EU has prioritized proactively setting aside revenue for infrastructure rehabilitation. The benefit of this approach is that in the event of a major system failure such as a breakdown at the water or a wastewater treatment plant, funds would be available to make repairs quickly. An effective rehabilitation program includes evaluations of facilities and proactive repairs and replacements, thus avoiding expenses associated with infrastructure failure. Setting funds aside also allows the utilities to build an emergency reserve that provides an immediate cash resource to respond to emergencies. Alternatively, the utilities would be obligated to seek bond financing or emergency loan funds to pay for the repairs, with associate high interest rates.

In 2003, the City Council adopted a financial policy to set aside funds for rehabilitation and replacement c aging utility infrastructure. An initial assessment of the infrastructure enabled staff to determine the annual amount to set-aside with the goal of having sufficient funds to complete the anticipated projects. In 2015, the City retained MWH, Inc. to conduct a review and update of the rehabilitation capital plan.

In the period covered by the proposed rate adjustment, the level of funding for the Water Rehabilitation Fund is approximately $6 million for FY2021-22 and FY2022-23 in support of the updated plan. The contribution for the Wastewater Rehabilitation Fund and Wastewater Regional Rehabilitation Fund is approximately $8.5 million combined for FY2021-22 and FY2022-23. Rehabilitating aging pipes, equipment, and other aspects of the water and wastewater system is vital in order to maintain system reliability.

The waste services utility has an inventory of approximately 72,000 bins and cans with varying useful lifetimes and replacement costs ranging from $65 to $6,000. A rehabilitation fund is in place to repair and replace cans and bins when necessary. Over the next two years, the level of funding for the Waste Servic Rehabilitation Fund is projected to be approximately $600,000 per year.

In addition to routine system maintenance and rehabilitation, over the next two years, water rehabilitation funds will pay for several projects including water distribution mains rehabilitation, corrosion protection of water mains, and replacement of program logic controllers and recoating of a 2 million gallon tank at the Water Treatment Plant. Rehabilitation funds in wastewater will fund a sewer collection system cured-in-place pipe rehabilitation, as well as the City's share of costs for the Dry Creek Wastewater Treatment Plant motor control center and switchgear replacement, the Pleasant Grove Wastewater Treatment Plant tertiary filter system replacement, and the decommissioning of several regional wastewater lift stations.

Economic Reserves
Economic reserves are an essential part of the utilities' operating procedures and ensure the continuation of services during budget shortfalls or unforeseen circumstances. Staff is recommending consistency with fiscal policy that would, over time, achieve minimum emergency reserve levels for the

water and wastewater utilities at 25 percent of annual operating expenses and 50 percent of annual operating expenses in rate stabilization funds. For waste services, the total for emergency reserves and rate stabilization funds is 25 percent of annual operating expenses in each reserve. The fiscal policies are included in this report as Attachment E. The policies reflect the need to supplement rate stabilization and economic reserve levels, which would:

- Improve assurance of adequate available funding in the event of a future drought or other event that results in increased expenses or reduced revenues
- Protect the City's credit rating
- Address City Council direction to preclude the need for a drought rate surcharge in future water shortage years
- Proceed closer to consistency with industry standards for reserve funding levels

It should be noted that if reserves were maintained at the 10 percent level, rate adjustments would still be needed in the short-term to avoid rapid declines in the target reserves in all three utilities.

Debt Service Coverage
In addition to increased costs, the City is also obligated to meet debt service coverage related to long-term debt as part of a rate covenant made to bondholders. The current rate covenant for debt issued on water and wastewater capital improvement projects requires a minimum debt service coverage ratio of 1.20. Although rates are not used for payment of debt service, utility revenue is the ultimate security for repayment of debt. Connection fees are the primary funding source for payment of debt service.

FISCAL IMPACT

The proposed rate adjustments will result in additional combined revenue over the next two years of approximately $3.2 million to the water utility, $6.6 million to the wastewater utility, and $12.5 million to the waste services utility. All EU rate revenues are received in each utility's operating fund. In order to mitigat the rate increases, the rate study recommended transfers from each utility's rate stabilization fund to its operations fund: Water - $250,000, Wastewater - $2.25 million, Waste Services - $3.5 million. Dependin on revenue and expenses in the operations fund, it may not be necessary to transfer the full amount.

ENVIRONMENTAL REVIEW

Approval of the proposed utility rates is considered statutorily exempt from CEQA (State CEQA Guideli section 15273). The project involves the modification, of rates, by a public agency for the purpose of Meeting operating expenses, including employee wage rates and benefits, (2) Purchasing or leas supplies, equipment, or materials, (3) Meeting financial reserve needs and requirements, and (4) Obtair funds for capital projects, necessary to maintain service within existing service areas. No further CE action is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

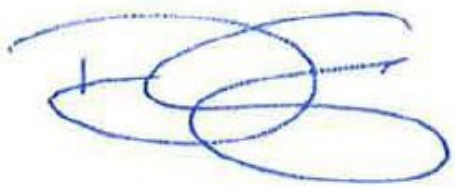
Goal A - Remain fiscally responsible in a changing world
Goal B - Support community engagement and advocacy
Goal C - Maintain a safe and healthy community
Goal D - Enhance economic vitality

Goal E - Deliver exceptional city services
Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Janet Vargas, Environmental Utilities Business Administrator

Richard Plecker, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Muni Code Changes

IB Consulting Rates Report

EU Rates Outreach Summary

EU Prop 218 Notice

EU Financial Policies

ORDINANCE NO. ____

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION 9.12.100 OF CHAPTER 9.12 OF TITLE 9 REGARDING GARBAGE, AMENDING SECTIONS 14.08.090 AND 14.08.100 OF CHAPTER 14.08, AMENDING SECTIONS 14.16.200, 14.16.201, 14.16.220 AND 14.16.230 OF CHAPTER 14.16, AND AMENDING SECTION 14.17.080 OF CHAPTER 14.17 OF TITLE 14 OF THE ROSEVILLE MUNICIPAL CODE REGARDING PUBLIC UTILITY FEES, CHARGES AND RATES

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 9.12.100 of Chapter 9.12 of Title 9 of the Roseville Municipal Code is hereby amended to read as follows:

9.12.100 Charges for collection.

A. Residential.

1. Each and every householder or tenant occupying any dwelling, house, or residence, shall pay to the city, or its authorized agent, a fixed minimum charge as set forth in this section as a refuse ~~fee~~rate. Such fixed minimum is based upon service of one call per week, irrespective of whether there is any refuse to remove from any premises.

2. ~~Ninety-Gallon~~ Automated Container Service. ~~For e~~Each ~~premises~~ premises shall be assigned city-owned ~~90-gallon~~ containers (one for household garbage and one for yard

clippings and green waste). Containers will be ~~and~~ serviced by automated collection. A~~, a~~ll garbage~~,~~ and green waste for collection must be contained within the ~~90-gallon~~appropriate container(s) with the lid closed and must fall freely from container when dumped. Each such premises shall be provided weekly collection for trash; green waste will be collected every other week.

3. Refuse service may be discontinued upon request for a period of no less than two months when a dwelling, house, or residence will be unoccupied. ~~The minimum time of discontinuing service will be two months.~~ A service ~~charge~~ fee ~~equal to two months' refuse charge~~ will be charged to the utility user for the removal ~~and redelivery~~ of the assigned automated container(s) when service has been temporarily discontinued. This service ~~charge~~ fee will be paid at the time service is discontinued. Upon occupancy of a dwelling, house or residence, the utility user must contact the city to restart service and will be charged an associated restart fee. If the occupant of a dwelling, house, or residence does not contact the city to restart service, the city may bill back to the discontinuance of service all monthly charges.

4. For collection of additional containers beyond those covered by the fixed minimum ~~charges~~ rates established in this chapter, the collection charge shall be that identified in this section.

5. An additional or ~~special~~ "extra" pickup may be requested beyond the minimum service required by this chapter. Each such additional or ~~special~~ extra pickup shall be subject to a fixed fee. Return service for containers placed out late may be requested. Each "out late" pickup shall be subject to a fixed fee.

6. Rates for Residential Collection. Effective July ~~5, 2019~~1, 2021, and July 1, ~~2020~~2022, the residential rates on billings shall be as follows:

Residential Refuse Service	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
Fixed refuse monthly charge (one trash container and one green waste container as identified in Section 9.12.100(A)(2))	$~~25.57~~31.06	$~~26.85~~36.05
Each additional trash container	$~~17.48~~21.24	$~~18.36~~24.65
Each additional green waste container	$~~9.28~~11.28	$~~9.75~~13.10
Additional ~~empty~~ pickup of a ~~60- or 90-gallon refuse~~trash container (also “out late” fee)	$~~16.72~~20.30	$~~17.55~~23.56
~~Each additional green waste container~~	~~$9.28~~	~~$9.75~~
~~Each additional 90-gallon refuse container~~	~~$17.48~~	~~$18.36~~
Additional ~~empty~~ pickup of a green waste container (also “out late” fee)	$~~12.29~~14.92	$~~12.90~~17.32
~~Refuse 60- or 90-gallon replacement charge~~	~~$74.69~~	~~$78.42~~
Fixed fee for the return of a confiscated green waste container due to contamination	$~~119.41~~145.00	$~~125.38~~168.27
Temporary removal of a residential service	$~~51.12~~62.08	$~~53.68~~72.05
Move in box pick-up	$~~90.39~~109.77	$~~94.91~~127.39
Temporary dumpster delivery and removal ~~and per yard charge~~ (6 yards only)	$~~125.30~~152.19	$~~131.56~~176.65

~~Residential Special Services~~	~~Effective 7/5/2019~~	~~Effective 7/1/2020~~
Restart ~~Service~~ service (per occurrence)	$~~25.00~~30.36	$~~26.25~~35.24
Green~~/ Waste~~ waste ~~Contamination~~ contamination ~~F~~fee ~~(per occurrence~~applied to account after third notification)	$~~25.00~~30.36	$~~26.25~~35.24
~~Overloaded Cart (per occurrence)~~	~~$10.00~~	~~$10.50~~
~~Return Trip Charge Same day (per occurrence)~~	~~$10.00~~	~~$10.50~~
Residential ~~Return~~ return ~~Trip~~ trip ~~Charge Off day (per occurrence)~~fee (applied when service is requested but container is inaccessible)	$~~25.00~~30.36	$~~26.25~~35.24
~~Cart~~ Container ~~Exchange~~ exchange (~~for dirty container~~ customer requested in excess of 1x/12 months)	$~~25.00~~30.36	$~~26.25~~35.24
Container exchange (due to misuse—melted or damaged beyond reuse)	$90.70	$105.26

B. Commercial.

1. A landlord, property owner, ~~or~~ property manager or management company of each and every store, shop, apartment, house, rooming house, factory or other nonresidential use that has a commercial dumpster shall pay to the city, or its authorized agent, a fixed ~~minimum~~ charge as set forth by the city council as a refuse ~~fee~~rate. Monthly charges will be applied to a single account per service. Such ~~fixed minimum is~~rates and fees are based upon a minimum service of one call per week, irrespective of whether there is any refuse to remove from any premises.

A landlord, property owner, property manager or management company with multiple tenants who must share a commercial dumpster shall be responsible for the refuse utility bill of the tenants.

2. Commercial Frontloader, Rearloader, ~~Dumpster,~~ Roll-~~On~~Off, and ~~Additional~~ Automated Container Services are provided by the City. ~~The environmental utilities director may approve the placing of garbage or rubbish in containers other than 30-gallon cans or 90-gallon automated cans (such as dumpsters or roll-on containers) as provided in Section 9.12.060. The fixed fee and additional service charges are established by subsections (A)(6) and (B)(7) of this section. In such cases, the environmental utilities director shall cause a study of the service to be made, and charges will be established based on the cost of performing the service. Such charge shall include all costs to the city, including, but not limited to, labor, equipment operation, maintenance and depreciation, administrative overhead, recycling, landfill closure and landfill operation costs. Standard commercial charges for basic hand-pickup dumpsters and roll-on containers may be established by the environmental utilities director subject to the approval of the city council.~~

An additional or ~~special~~ extra pick up may be requested beyond the minimum service required by this chapter. Each such additional or ~~special~~ extra pick up shall be subject to a fixed fee.

Temporary commercial services must be charged to a City of Roseville customer utility account. A “garbage only” account may be requested for temporary services. See Chapter 14.04 Utility Customer Billing, Accounting and Collections for information about establishing a new account.

Timeframe for Temporary Customer Service. Temporary dumpsters for commercial use must be serviced weekly and removed within a 90 day period. It is the customer's responsibility to schedule services. If a temporary dumpster is not emptied within seven consecutive days of its delivery or last collection, the account shall be assessed a weekly rental fee per subsection (B)(7), Rates for Commercial Collection.

3. Commercial customers that fall into the following categories are required by state law to subscribe to organics recycling services.

a. On and after April 1, 2016, a business that generates eight cubic yards or more of organic waste per week shall arrange for recycling services specifically for organic waste.

b. On and after January 1, 2017, a business that generates four cubic yards or more of organic waste per week shall arrange for recycling services specifically for organic waste.

c. On and after January 1, 2019, a business that generates four cubic yards or more of commercial solid waste, as defined in Section 42649.1, per week, shall arrange for recycling services specifically for organic waste.

4. On or after January 1, 2020, if the department determines that statewide disposal of organic waste has not been reduced to 50 percent of the level of disposal during 2014, a business that generates two cubic yards or more per week of commercial solid waste shall arrange for the organic waste recycling services specified in subsection (B)(3), unless the department determines that this requirement will not result in significant additional reductions of organics disposal.

5. Multifamily dwellings will not be required to recycle food waste, but will need to provide proof to the city that other organics such as green waste are being recycled or diverted

from the landfill in an appropriate manner. The city can also provide green waste services, if necessary.

The city will be the primary collector of all organic waste materials, unless a business had services in place before September 28, 2014, the date AB 1826 was approved. Any business with a collection contract before this date can continue with providers until the contract expires. Once the contract expires the business will default to city service.

6. An additional or special pickup may be requested beyond the minimum service required by this chapter. Each such additional or special pickup shall be subject to a fixed fee.

7. Rates for Commercial Collection. Effective July ~~5~~1, ~~2019~~2021, and July 1, ~~2020~~2022, the commercial rates on billings shall be as follows:

Frontloader and Rearloader Commercial Services*	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
Waste service minimum monthly charge	$34.83	$40.42
Automated container commercial service (per container, where available; green waste service not available)	$31.06	$36.05
Streetscape and LLD containers*	$8.20	$9.52
Hand pickup service* (up to three 30-gallon cans or six bags per week, where available)	$34.83	$40.42
Frontloader and rearloader* trash ~~commercial~~ dumpster ~~and sidewalk can~~ per yard charge	$~~10.49~~12.74	$~~11.01~~14.79

~~*Plus premium for rearloader services (more detail below)~~		
Frontloader and rearloader* trash compactor per yard charge	$~~18.90~~22.96	$~~19.85~~26.65
Frontloader cardboard dumpster and compactor per yard charge	$~~13.93~~3.91	$~~14.63~~4.54

~~**Commercial Special Services**~~	~~**Effective 7/5/2019**~~	~~**Effective 7/1/2020**~~
~~Rear Loader Service Premium (this will be an additional charge equivalent to an associated percentage of the monthly base rate)~~	~~25%~~	~~25%~~
Commercial bin assistance (per occurrence)	$54.86	$63.67
Recyclable ~~Material~~ material ~~Contamination~~ contamination ~~Fee~~ fee (~~per occurrence~~applied after third notification)	$~~25.00~~30.36	$~~26.25~~35.24
~~Green/Waste Contamination Fee (per occurrence)~~	~~$25.00~~	~~$26.25~~
~~Overloaded Container (per occurrence)~~	~~$25.00~~	~~$26.25~~
Lock ~~Service – Admin Set up~~delivery or replacement (per occurrence)	$~~15.00~~18.22	$~~15.75~~21.15
~~Lock Service – Lock Cost (per occurrence)~~	~~$15.00~~	~~$15.75~~
Lock ~~Service~~ service – (per container, per month)~~Per Month~~	$~~10.00~~12.15	$~~10.50~~14.10

Push/~~Pull~~ pull ~~Charges~~ charges (per container, per month)	$~~15.00~~18.22	$~~15.75~~21.15
Extra ~~Pickup~~ pickup ~~Charge~~ charge (percentage of monthly base rate ~~per pickup +~~plus return trip charge)	25%	25%
~~Exchange Cart (per cart)~~	~~$25.00~~	~~$26.25~~
Exchange ~~Bin~~ bin (~~per occurrence)~~for dirty bin in excess of 1x per 12 months)	$~~75.00~~91.08	$~~78.75~~105.70
~~Return Trip Charge Same day (per occurrence)~~	~~$10.00~~	~~$10.50~~
Commercial ~~Return~~ return ~~Trip~~ trip fee~~Charge Off day (per occurrence)~~ (applied when service is requested but container is inaccessible; also used to calculate commercial extra pickups)	$~~25.00~~30.36	$~~26.25~~35.24
Emergency after-hours service fee (per service)	$196.06	$227.53
Commercial standby fee (per 15 minutes when asked by onsite customer to wait)	$72.86	$84.56

*A premium of 25% will be added to all rearloader services.

~~**Additional Commercial Service Rates**~~	~~**Effective 7/5/2019**~~	~~**Effective 7/1/2020**~~
~~Roll-Off Return Charge (per occurrence)~~	~~$30.00~~	~~$31.50~~
~~Relocation Charge/Trip Charge (per event – includes roll-off return charge)~~	~~$50.00~~	~~$52.50~~

Roll-Off Commercial Open Top and Compactor Services*	**Effective 7/5/2019 1/2021**	**Effective 7/1/2020 2022**
Minimum charge per haul (base rate) without tonnage* (-a All sizes and material)	$312.43 379.39	$328.05 440.28
Pleasant Grove Wastewater Treatment Plant sludge-hauling fee (per bin)	$267.12	$309.99
Roll-Off tonnage fees (tipping fees)	Pass-through rates apply*	
Compactor cleaning service (hauling charges also apply)	$512.68	$594.96
Return trip fee (scheduled bin not ready for haul, customer requests return later on same day – per occurrence)	$36.43	$42.28
~~Roll-off 100% recycling bin~~	~~$171.08~~	~~$179.63~~
Roll-Off relocation fee (no haul – per occurrence)	$60.72	$70.47

* Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority. With city department head approval, some entities may pay tonnage charges directly to Western Placer Waste Management Authority.

Temporary Frontloader~~, Rearloader~~ and Roll-Off ~~Charges~~Fees*	**Effective ~~7/5/2019~~7/1/2021**	**Effective ~~7/1/2020~~7/1/2022**
Frontloader and rearloader temporary dumpster delivery and removal ~~charge~~fee	$62.38 75.75	$65.50 87.91

Frontloader and rearloader temporary dumpster per yard ~~charge~~ fee (plus trip fee for extra pickups)	$~~10.49~~12.74	$~~11.01~~14.79
Frontloader and rearloader temporary dumpster rental fee per week	$~~59.38~~72.11	$~~62.35~~83.69
Roll-Off temporary dumpster ~~minimum charge per haul (base rate)~~hauling fee*	$~~312.43~~379.39	$~~328.05~~440.28
~~Tonnage (per ton charge)*~~	-	-
Roll-Off temporary dumpster rental fee per week	$~~107.82~~130.94	$~~113.22~~151.96
~~Roll-Off temporary 100% recycling bin~~	~~$171.08~~	~~$179.63~~

* Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority. With city department head approval, some entities may pay tonnage charges directly to Western Placer Waste Management Authority.

~~* Tonnage charges (tipping fees) vary by material type, and are determined by the Western Placer Waste Management Authority.~~

~~**Additional Commercial Service Rates***~~	~~**Effective 7/5/2019**~~	~~**Effective 7/1/2020**~~
~~Standby service charge per occurrence (in 15 minute increments)~~	~~$60.00~~	~~$63.00~~
~~Solid Waste Minimum Charge~~	~~$28.68~~	~~$30.11~~
~~Emergency after hours call out service charge per occurrence~~	~~$161.46~~	~~$169.53~~
~~Fixed monthly minimum commercial charge~~	~~$28.68~~	~~$30.11~~

~~Additional Commercial Service Rates*~~	~~Effective 7/5/2019~~	~~Effective 7/1/2020~~
~~60- or 90-gallon automated container monthly charge~~	~~$25.57~~	~~$26.85~~
~~Commercial bin assistance charge per occurrence~~	~~$45.17~~	~~$47.43~~
~~Fixed fee for additional pick-up of a city owned 60- or 90-gallon automated container~~	~~$16.72~~	~~$17.55~~
~~Compactor cleaning~~	~~Minimum 2.5 hours labor cost~~	
~~Compactor lock replacement~~	~~0.5 hours of labor cost plus $8.00 lock replacement~~	

~~* The amounts billed to commercial customers will vary with the types of service and the number of pickups in a billing period.~~

~~** Green waste containers available only in limited areas.~~

C. Shared Compactor Rates. Shared compactor rates are applicable to the City of Roseville downtown specific plan area. Exact rates are determined on a site-specific basis based on the following criteria:

	Cost per 1,000 square feet of building area or per dwelling unit	**Cost per 1,000 square feet of building area or per dwelling unit**	

	Effective 7/~~5/2019~~1/2021	**Effective 7/1/~~2020~~2022**	
Below are the square footage rates for shared compactors. If a customer's site-specific charge does not exceed the fixed minimum charge, they will be subject to the monthly fixed minimum charge.			
Monthly Minimum (Fixed)	$~~28.68~~34.83	$~~30.11~~40.42	
Tier 1: Cost per 1,000 square feet of building area or per dwelling unit	$~~5.99~~7.28	$~~6.28~~8.45	Tier 1 includes business types that are determined low use by the environmental utilities director. Typical examples of low use are retail and office establishments and small apartment units.
Tier 2: Cost per 1,000 square feet of building area	$~~24.16~~29.34	$~~25.37~~34.05	Tier 2 includes business types that are determined medium use by the environmental utilities director. Typical examples of medium use

			are relatively smaller establishments such as bars and grills, coffee shops and delis; selling or serving food but not considered a full-service restaurant.
Tier 3: Cost per 1,000 square feet of building area	$~~51.04~~61.98	$~~53.59~~71.93	Tier 3 includes business types that are determined high use by the environmental utilities director. A typical example of high use is full-service restaurants, restaurant/ bakeries, and similar establishments. Full-service restaurants are defined as primarily dine-in establishments with established menus, and a minimum of two meals per day (e.g., lunch and dinner).

D. Shared Compactor Organic Tiers. Organics tiers are applicable to some shared compactor units depending on compactor tier and usage type. Exact rates are determined on a site-specific basis based on the following criteria:

Commercial Shared Compactor Organic Tiers	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
Tier 1	$0.00	$0.00
Tier 2	$~~81.93~~99.50	$~~86.03~~115.47
Tier 3	$~~163.81~~198.92	$~~172.00~~230.85

E. Rates for Commercial Organic Waste Collection. Effective July ~~5, 2019~~1, 2021 and July 1, ~~2020~~2022, the commercial organic waste collection rates on billings shall be as follows:

Organic Waste Collection Rates	**Minimum Monthly Charge (Effective 7/~~5/2019~~1/2021)**	**Minimum Monthly Charge (Effective 7/1/~~2020~~2022)**
0-2 yards	$~~81.93~~99.50	$~~86.03~~115.47
0-4 yards	$~~163.81~~198.92	$~~172.00~~230.85
5 yards	$~~204.77~~248.66	$~~215.01~~288.57

6 yards	$~~245.69~~298.34	$~~257.97~~346.22
7 yards	$~~286.77~~348.22	$~~301.10~~404.10
8 yards	$~~327.62~~397.83	$~~344.00~~461.68
9 yards	$~~368.53~~447.52	$~~386.96~~519.34
10 yards	$~~409.49~~497.24	$~~429.96~~577.04
11 yards	$~~450.57~~547.12	$~~473.09~~634.92
12 yards	$~~491.37~~596.68	$~~515.94~~692.44
~~Extra pickup for one yard bin or cart equivalent~~Additional empty of organics container	$~~61.45~~74.62	$~~64.52~~86.60
~~Extra pickup for two yard bin or cart equivalent~~ Empty of contaminated organics container	$~~81.93~~99.50	$~~86.03~~115.47

SECTON 2. Section 14.08.090 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.08.090 Service charges for metered service.

There shall be due and payable the following monthly charges, upon submission of the bill by the city to the owner of the property supplied with service, for all treated water measured by meters for residential, commercial, industrial and manufacturing or other purposes:

A. Monthly Quantity Rates. Effective July ~~5, 2019~~1,2021 and July 1, ~~2020~~2022, the monthly quantity rates on billings shall be as follows:

	Effective 7/~~5/2019~~1/2021	**Effective 7/1/~~2020~~2022**
Potable water usage (per ~~100~~ cubic ~~feet~~foot)	~~$1.30~~$0.0140	~~$1.34~~$0.0145
Recycled water usage (per ~~100~~ cubic ~~feet~~foot)	~~$0.65~~$0.0084	~~$0.67~~$0.0102

B. Monthly Service Charges. Effective July ~~5, 2019~~1, 2021 and July 1, ~~2020~~2022, the monthly service charges on billings shall be as follows:

Meter Size (inches)	**Peak Flow Rate (gallons per minute)**	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
Up to 3/4	30	$~~27.26~~28.63	$~~28.08~~29.49
1	50	$~~42.07~~44.20	$~~43.34~~45.53
1-1/2	100	$~~79.09~~83.14	$~~81.47~~85.64
2	160	$~~123.51~~129.86	$~~127.22~~133.76
3	350	$~~264.20~~277.83	$~~272.13~~286.17
4	630	$~~471.52~~495.88	$~~485.67~~510.76
6	1300	$~~967.61~~1,017.64	$~~996.64~~1,048.17
8	2800	$~~2,078.26~~2,185.76	$~~2,140.61~~2,251.34
10	4200	$~~3,114.89~~3,276.01	$~~3,208.31~~3,374.30

C. The total amount due and payable shall be the sum of the monthly service charge plus the quantity rate. The monthly service charge is due and payable regardless of whether water has been consumed. The service charge shall be the greater of the charge based on the meter size or flow rate, with the following exceptions:

1. No service charge shall be made for fire service that has backflow prevention with detector check devices approved by the environmental utilities director.

2. No service charge shall be made for recycled water utility back-up systems that are required for reliability only and have backflow prevention and metering approved by the environmental utilities director. This exclusion does not extend to systems that are regularly required as part of normal operation. The recycled water operation shall be responsible for water volumetric charges for these services and any costs associated with meter maintenance.

D. For purposes of charging for treated water measured by meters:

1. A residential account is defined as a single metered water service which serves three or less dwelling units.

2. A nonresidential account is defined as a single metered water service which serves more than three dwelling units, or serves commercial, industrial, manufacturing, irrigation or other nonresidential land uses.

E. For single-family residential services that require automatic fire protection systems pursuant to Section 16.16.120, the increased meter size will not be assessed an additional charge associated with the fire protection system requirement. Service charges shall be based on the required service size as determined by the Uniform Plumbing Code without consideration for any fire protection system required by Section 16.16.120.

SECTION 3. Section 14.08.100 of Chapter 14.08 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.08.100 Flat water rates.

The following service charges shall apply to flat rate consumers that the environmental utilities director determines are not cost effective to assign metered rates. The environmental utilities director shall conduct a water use study for consumers whom he or she determines may not be reasonably metered, and the director shall assign such consumers to an appropriate service rate level as set forth in this section. Water service rates for flat rate residential consumers shall be due and payable on a monthly basis according to the appropriate grouping set out in this section.

Effective July ~~5, 2019~~1, 2021, and July 1, ~~2020~~2022, the flat rates on billings shall be as follows:

Nonmetered or Flat Service Charges	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
Single-family lots under 4,900 square feet; each mobile home unit not within a park maintaining its own distribution system and service; each dwelling unit of duplexes, triplexes, fourplexes, unmetered apartments and other multiple living units; other detached living	$~~37.38~~45.28	$~~38.51~~46.64

Nonmetered or Flat Service Charges	**Effective 7/~~5/2019~~1/2021**	**Effective 7/1/~~2020~~2022**
units; and offices and stores with less than peak use of 250 gallons per day		
Single-family lots 4,901 to 8,900 square feet	$~~42.13~~48.70	$~~43.40~~50.17
Single-family lots 8,901 to 12,000 square feet	$~~45.79~~54.77	$~~47.17~~56.42
Single-family lots 12,001 to 15,000 square feet	$~~49.36~~59.98	$~~50.85~~61.78
~~Single-family lots existing before July 1, 1977, which are in excess of 15,000 square feet~~	~~$54.36~~	~~$58.16~~
Mobile home parks, per living unit	~~34.47~~$36.90	~~35.51~~38.01
All those single-family lots over 15,000 square feet, created on or after July 1, 1977, shall be metered pursuant to Section 14.08.105		

SECTION 4. Section 14.16.200 of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.200 Monthly unit sewer service charge established.

Except as otherwise provided in this chapter, a monthly unit sewer service charge shall be paid by each user connected to the city-owned public sewer. The monthly unit sewer service charge on billings shall be:

A. The monthly sewer charge shall be ~~$40.55~~$44.86 per sewer unit, effective on billings as of July ~~5, 2019~~1, 2021, and ~~$42.18~~$47.56 per sewer unit, effective on billings as of July 1, ~~2020~~2022.

~~B. The monthly sewer service charges for those located outside of the city limits shall be 10 percent higher than the monthly sewer charges for those located inside city limits.~~

B. Commercial customers without a sewer meter that are not subject to a flat rate per Section 14.16.220 and are associated to their potable water usage (metered consumption) shall have a monthly per sewer unit charge (the same as in Section 14.16.200 (A)) and a quantity rate as follows:

	Effective 7/1/2021	Effective 7/1/2022
Monthly per sewer unit charge	$44.86	$47.56
Associated sewer consumption charge above 560 cubic feet of potable water usage	$0.0417 per cubic foot	$0.0443 per cubic foot

C. Commercial customers with a cubic-foot sewer meter shall have a monthly per sewer unit charge (the same as in Section 14.16.200(A)) and a quantity rate as follows:

	Effective 7/1/2021	Effective 7/1/2022
Monthly per sewer unit charge	$44.86	$47.56
Sewer consumption charge above 560 cubic feet	$0.0417 per cubic foot	$0.0443 per cubic foot

D. For commercial customers with a gallon sewer meter, the consumption rate will be based on the per cubic foot rate in Section 14.16.100 (B) and converted to a per gallon rate as follows:

- Effective 7/1/2021: $0.0417 / 7.48 = $0.00557 per gallon

- Effective 7/1/2022: $0.0443 / 7.48 = $0.00592 per gallon

Some industrial customers may require an additional surcharge per Section 14.16.220.

SECTION 5. Section 14.16.201 of Article II of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.201 Rates for commercial customers within the Sacramento Regional County Sanitation District ~~monthly unit sewer service charge established~~.

~~Except as otherwise provided in this chapter, a monthly unit sewer service charge shall be paid by each user connected to the Sacramento Regional County District's sewer system and located within Roseville city limits. Effective July 5, 2019, the monthly sewer charge shall be $40.55 per sewer unit. Effective July 1, 2020, the monthly sewer charge shall be $42.18.~~The City of Roseville acts as the billing agent for commercial customers who are located in the City of Roseville but receive sewer services from the Sacramento Regional County Sanitation District (Regional San). These customers pay the Regional San rates to the City of Roseville who then passes those payments on to Regional San.

SECTION 6. Section 14.16.220 of Article II of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.220 Determination of low-strength metered commercial or industrial monthly sewer units.

For purposes of this article, low strength commercial or industrial users monthly sewer units shall be one sewer unit per ~~1,000~~560 cubic feet of discharge. Users such as schools with a widely varying use pattern due to ~~wa-ter~~water use not related to sewer use may be charged in accordance with a study by the environmental utilities director in his or her discretion.

SECTION 7. Section 14.16.230 of Article II of Chapter 14.16 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.16.230 Determination of high-strength metered commercial or industrial monthly sewer units.

For purposes of this article, monthly sewer units for high-strength metered commercial or industrial users shall be determined as follows:

Sewer units = (monthly discharge volume c.f./~~1000~~560) x (0.34 + (BOD/200) x 0.33 + (TSS/200) x 0.33)

In addition, special treatment and/or handling costs may be added as determined by the environmental utilities director.

SECTION 8. Section 14.17.080 of Chapter 14.17 of Title 14 of the Roseville Municipal Code is hereby amended to read as follows:

14.17.080 Fees and charges—Delinquency—Disconnection or termination.

A. All fees, charges, deposits or penalties provided for in this chapter, including recycled water charges, shall be in the amount set forth in Chapter 14.08 or as established by resolution adopted by the city council, as amended from time to time.

B. Payment by a customer for recycled water service shall be due and payable as specified in Chapter 14.04 for water service. If payment is not received in accordance with Chapter 14.04, then the recycled water service may be disconnected or terminated. In the event the city disconnects or terminates recycled water service pursuant to this section, then in addition to the payment due for recycled water, the customer shall pay any and all delinquent and reconnection charges for recycled water service as specified in Chapter 14.04 for water service.

C. Price of Recycled Water. Effective July 1, 2021, t~~T~~he price for recycled water sold, supplied, distributed or transported to customers of the city shall be at a rate or charge equal to ~~50~~ 60 percent of the rate or charge which the city council may establish from time to time as set forth in Chapter 14.08 for potable water and which is in effect on the date of delivery of recycled water by the city to such customer. Such charge or rate shall be the sum of the customer charge, commodity charge and adjustments as detailed in this chapter and specified in Chapter 14.08. Effective July 1, 2022, the price for recycled water will increase to 70 percent of the rate or charge for potable water.

SECTION 9. This ordinance shall be effective on July 1, 2021.

SECTION 10. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this ___ day of _____, 20__, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

_____

MAYOR

ATTEST:

_____

City Clerk

Public Hearing
May 5, 2021

Water, Wastewater, Recycled and Waste Services Rate Study

CITY OF ROSEVILLE CALIFORNIA

IB CONSULTING

IB Consulting, LLC
31938 Temecula Parkway, Suite A #350
Temecula, CA. 92592

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Executive Summary

The City of Roseville (City) periodically reviews its utilities to determine if adjustments are required to continue meeting its operational costs, system improvements, and adequate reserve funding based on adopted reserve policies. The last rate study in 2019 set rates for Fiscal Years (FY) 2020 and FY 2021. The City hired IB Consulting to conduct a comprehensive cost of service analysis to develop proposed rates for FY 2022 and FY 2023 (Rate Setting Period) for its water utility, wastewater utility (including recycled rates), and waste services utility. MSW Consultants was a part of the IB Consulting team and assisted with updating rates for waste services.

Updating a utility's long-term financial plan and performing a comprehensive cost of service analysis is a prudent business practice to ensure a utility can fully fund its revenue needs over the Rate Setting Period and beyond. As part of reviewing and updating utility rates, the first step is to conduct a thorough review of the financial health of each utility. Based on a 5-year financial plan (Financial Plan Period), revenues from existing rates are reviewed to determine if current revenues sufficiently cover operating expenses; capital spending and satisfy minimum reserve requirements through the Financial Plan Period. With financial planning, it is critical to not only look at the short-term outlook but also review revenue needs beyond the Rate Setting Period. This approach ensures that the City plans for future obligations and obtains a clear understanding of each utility's current financial position.

Water Utility

The City's water rate structure includes a monthly fixed charge and a uniform variable rate per hundred cubic feet (ccf) to all metered customers. Non-Metered customers are charged a flat monthly rate that captures both fixed costs and variable costs based on the projected usage of non-meter accounts. The updated cost of service fixed revenue recovery will remain at approximately 57% of total revenue, similar to the current fixed cost recovery. The proposed rate structure reflects an updated cost of service analysis that identifies which expenses are recovered through the monthly meter charges versus variable rates.

The proposed rates derived within this report includes two years of adjustments, commencing on July 1, 2021. With the proposed rates, the utility will continue to generate positive net income above operating, fully fund its capital repair and replacement program through cash on hand and meet minimum reserve targets over the Rate Setting Period[1]. The recommended rates have been incorporated into a notice and mailed to each customer as part of the Proposition 218 noticing requirements. A Public Hearing is scheduled for May 5, 2021 on the proposed rates identified in Table 1, Table 2, and Table 3.

[1] The Proposed financial plan assumes water usage does not fall below 25,608 acre feet for FY 2022 and 25,864 acre feet for FY 2023, and future expenses do not exceed the projected costs identified herein.

Table 1: Proposed Water Monthly Fixed Charges

Fixed Meter Charges ($/Month)		
Meter Service Charges	FY 2022	FY 2023
3/4"	$28.63	$29.49
1"	$44.20	$45.53
1 1/2"	$83.14	$85.64
2"	$129.86	$133.76
3"	$277.83	$286.17
4"	$495.88	$510.76
6"	$1,017.64	$1,048.17
8"	$2,185.76	$2,251.34
10"	$3,276.01	$3,374.30

Table 2: Proposed Water Variable Rates

Variable Rates ($/ccf)		
Metered Usage Rate	FY 2022	FY 2023
Uniform ($/ccf)	$1.40	$1.45

Table 3: Proposed Water Monthly Non-Metered Flat Charges

Non-Metered ($/Month)		
Flat Monthly Charges	FY 2022	FY 2023
Single family lots up to 4,900 s.f.	$45.28	$46.64
Single family lots 4,901 - 8,900 s.f.	$48.70	$50.17
Single family lots 8,901 - 12,000 s.f.	$54.77	$56.42
Single family lots 12,001 - 15,000 s.f.	$59.98	$61.78
Mobile Home Unit in Mobile Home Park	$36.90	$38.01

Wastewater Utility

The wastewater utility is part of this study and includes a financial plan and cost of service analysis for proposed wastewater rates over the Rate Setting Period. The City's existing wastewater collection rate structure consists of monthly fixed charges to all customers and Commercial flow rates. The proposed wastewater rates derived within this report are for FY 2022 and FY 2023. With the proposed rates, the utility will continue to generate positive net income above operating, generate additional funding for the reinvestment in the wastewater collection system that averages $10.1M over the Financial Plan Period, and meets minimum reserve targets that reaches approximately $36.5M through the Rate Setting Period. The recommended rates have been incorporated into the notice and mailed to each customer as part of the Proposition 218 noticing requirements. A Public Hearing is scheduled for May 5, 2021 on the proposed rates identified in Table 4.

Table 4: Proposed Wastewater Rates

Wastewater Rates		
Customer Class	FY 2022	FY 2023
Fixed Monthly Charge ($/month)		
Residential	$44.86	$47.56
Commercial	$44.86	$47.56
Variable Rate ($/ccf)		
Commercial	$4.17	$4.43

Recycled Utility

The wastewater treatment plants also produce recycled water, and the City delivers approximately one billion gallons of recycled water annually to its recycled customers. The Recycled cost center (#74340) captures most of the operating costs for the recycled utility. In addition, through discussions with City staff, a portion of the electricity costs from the Dry Creek and Pleasant Grove Treatment plants are also included as part of the recycled utility's operating expenses. Using this approach, annual revenue requirements for recycled can clearly be identified for determining proposed rates. Currently, the City's recycled customers are charged a monthly fixed charge that varies by meter size and a uniform variable rate for recycled water usage. Currently, the existing recycled water fixed charges and variable rates are lower than potable water rates. One of the City's objectives is to increase recycled fixed charges annually to eventually be equivalent to potable water fixed charges by FY 2026 and the variable rate will recover the remaining revenue requirements that reflect the total cost of providing service. For the Rate Setting Period, recycled fixed charges are set at 60% of potable water fixed charges for FY 2022 and 70% of potable water fixed charges for FY 2023. A Public Hearing is scheduled for May 5, 2021, on the proposed rates identified in Table 5 and Table 6.

Table 5: Proposed Recycled Monthly Fixed Charges

Recycled Fixed Charges		
Meter Size	FY 2022	FY 2023
3/4"	$17.18	$20.65
1"	$26.52	$31.88
1 1/2"	$49.89	$59.95
2"	$77.92	$93.64
3"	$166.70	$200.32
4"	$297.53	$357.54
6"	$610.59	$733.72
8"	$1,311.46	$1,575.94
10"	$1,965.61	$2,362.01

Table 6: Proposed Recycled Variable Rates

Recycled Variable Rates		
Variable	FY 2022	FY 2023
Uniform ($/ccf)	$0.84	$1.01

Waste Service Utility

The waste service utility is also part of this study and includes a financial plan and proposed rates over the Rate Setting Period. The City's existing waste services rate structure consists of monthly fixed charges by customer type and variable charges based on either cubic yard, service frequency, tonnage, or building square footage depending on the service line. The proposed rates derived within this report maintains the prior cost of service analysis. Adjustments were based on revenue needs as projected through the Financial Plan Period and reflects the costs of providing service over the Rate Setting Period. A comprehensive cost of service analysis will be completed once the financial impacts of the new recycling requirements of SB 1383 have been determined, which establishes new regulations on the recycling of organics across the state.

With the proposed waste service rates, the utility will eliminate an annual net operating deficit by FY 2023 and generate additional funding for meeting minimum reserve targets that reaches approximately $18.4M through the Rate Setting Period. The recommended rates have been incorporated into the notice and mailed to each customer as part of the Proposition 218 noticing requirements. A Public Hearing is scheduled for May 5, 2021 on the proposed rates identified in Table 7 through Table 11.

Table 7: Proposed Waste Services Rates – Residential

Waste Services - Residential		
Residential Cart Service	FY 2022 ($/month)	FY 2023 ($/month)
Residential Base Fee	$31.06	$36.05
Additional Black Can	$21.24	$24.65
Additional Green Can	$11.28	$13.10

Table 8: Proposed Waste Services Rates – Commercial Bins

Waste Services - Commercial Bins					
Commercial Bin Service	FY 2022 ($/c.u. yard/Month)	FY 2023 ($/c.u. yard/Month)	Commercial Bin Service	FY 2022 ($/c.u. yard)	FY 2023 ($/c.u. yard)
Frontloader Service	$55.18	$64.04	Extra Pickups	$12.74	$14.79
Frontloader Compactor Service	$99.48	$115.45	Extra Pickups	$22.96	$26.65
Rearloader Service	$68.97	$80.04	Extra Pickups	$12.74	$14.79
Cardboard Service	$16.92	$19.64	Extra Pickups	$3.91	$4.54

Table 9: Proposed Waste Services Rates – Commercial Hauling

Waste Services - Commercial Hauling					
Hauling Fee	FY 2022 ($/load)	FY 2023 ($/load)	Tipping Fee	FY 2022 ($/ton)	FY 2023 ($/ton)
C&D Landfill	$379.39	$440.28	C&D Landfill	$51.00	$51.00
C&D MRF	$379.39	$440.28	C&D MRF	$51.00	$51.00
Inbound Cardboard	$379.39	$440.28	Inbound Cardboard	$0.00	$0.00
Food Waste	$379.39	$440.28	Food Waste	$46.50	$46.50
Green Waste	$379.39	$440.28	Green Waste	$46.50	$46.50
H20 Sludge	$379.39	$440.28	H20 Sludge	$0.00	$0.00
Inert Mixed	$379.39	$440.28	Inert Mixed	$39.00	$39.00
Inert	$379.39	$440.28	Inert	$20.00	$20.00
Inert-Soil	$379.39	$440.28	Inert-Soil	$20.00	$20.00
Inert Street Dept.	$379.39	$440.28	Inert Street Dept.	$0.00	$0.00
MSW-Land	$379.39	$440.28	MSW-Land	$73.00	$73.00
MSW-Mrf	$379.39	$440.28	MSW-Mrf	$73.00	$73.00
Sludge WW - PGWWTP	$294.50	$341.76	Sludge WW - PGWWTP	$0.00	$0.00
Sludge	$379.39	$440.28	Sludge	$39.00	$39.00
C&D-LF-TWW	$379.39	$440.28	C&D-LF-TWW	$188.00	$188.00
Wood Waste	$379.39	$440.28	Wood Waste	$29.00	$29.00
Inbound-Steel	$379.39	$440.28	Inbound-Steel	$0.00	$0.00

Table 10: Proposed Waste Services Rates – Commercial Shared Compactor

Waste Services - Commercial Compactor			
Shared Compactor	Billing Code	FY 2022 $/sqft	FY 2023 $/sqft
Tiers			
Tier 1 - Low Use	SWSQ1 *	$7.27	$8.44
Tier 1 - Low Use	SWSQM	$34.83	$40.42
Tier 2 - Medium Use	SWSQ2	$29.34	$34.05
Tier 3 - High Use	SWSQ3	$61.98	$71.93

* Billing Code SWSQ1 is subject to minimum charge equal to Billing Code SWSQM

Table 11: Proposed Waste Services Rates – Organics

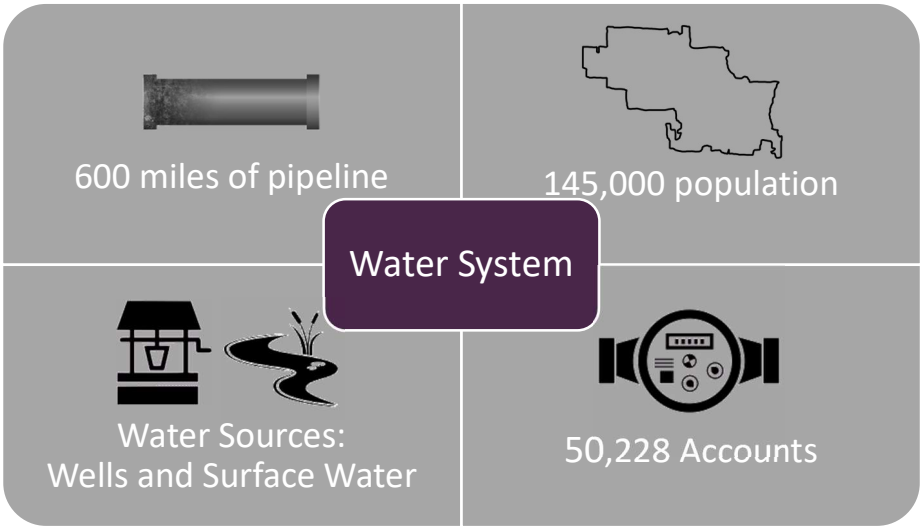
Waste Services - Commercial Organics		
Organics	FY 2022 ($/c.u. yard)	FY 2023 ($/c.u. yard)
Organic Waste Services	$49.75	$57.74

Water Utility

Water System

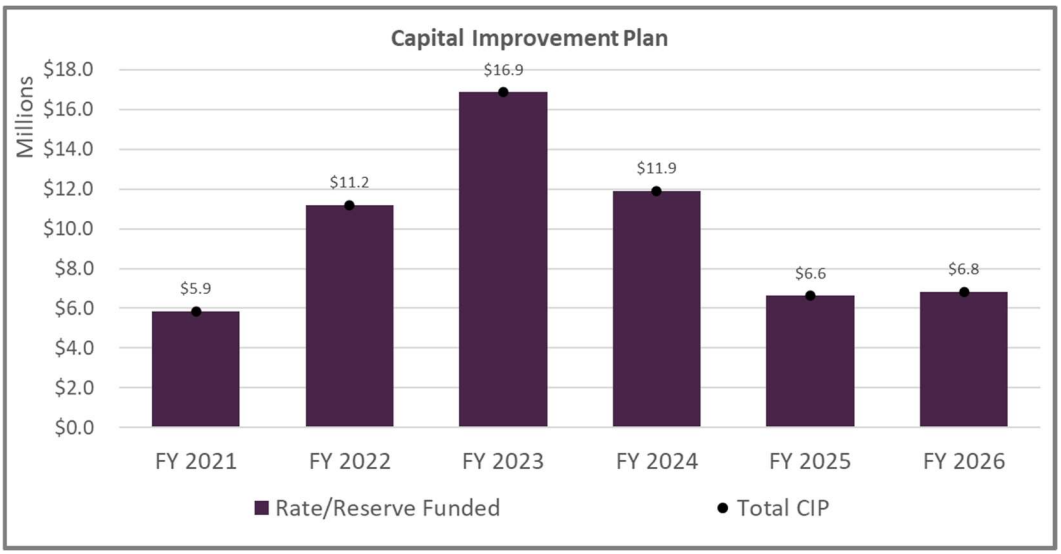
The City is located east of Sacramento in Placer County, and the Environmental Utility Department (EU) serves a population of 145,000 with water service and operates a 100 Million Gallon per Day (MGD) treatment plant. The water system also includes 600 miles of transmission & distribution lines, three water tanks, and a network of groundwater wells.

Figure 1: City of Roseville Water System



The City's capital spending will average approximately $10.7M annually over the Financial Plan Period for the water system's repair and replacement program and is also in the preliminary stages of developing a pure water program. In FY 2022 through FY 2024, capital spending increases to address two neighborhood replacement projects within Hillcrest ($5M in FY 2022 and FY 2023) and Roseville Heights ($5M in FY 2023 and FY 2024). Figure 2 shows the City's capital repair and replacement plan through FY 2026.

Figure 2: Water Utility Capital Improvement Plan



Customers

As of July 1, 2020, the City served 50,228 active accounts (50,103 metered customers and 125 non-metered customers), with approximately 95% classified as Residential. Table 12 provides a summary of metered accounts by meter size ,and Table 13 provides a summary of non-metered accounts by lot size.

Table 12: Metered Accounts by Meter Size

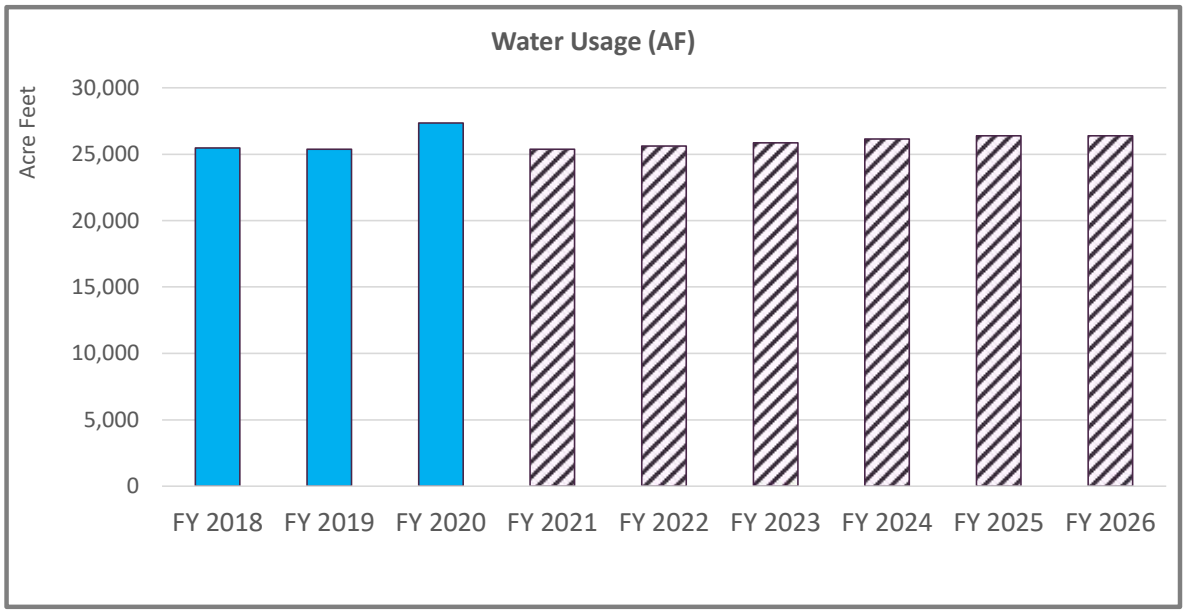
Meter Size	Number of Accounts
3/4"	46,840
1"	1,722
1 1/2"	435
2"	855
3"	124
4"	85
6"	28
8"	10
10"	4
Total	50,103

Table 13: Non-Metered Accounts by Lot Size

Lot Size / Mobile Home	Number of Accounts
Single family lots up to 4,900 s.f.	72
Single family lots 4,901 - 8,900 s.f.	14
Single family lots 8,901 - 12,000 s.f.	2
Single family lots 12,001 - 15,000 s.f.	1
Mobile Home Unit in Mobile Home Park	36
Total	125

Figure 3 shows historical water sales (blue bars) and projected water sales (hatched bars) in acre-feet (1 acre foot = 325,851 gallons) through the Financial Plan Period. FY 2021 water usage is projected to reflect 25,355 AF by year end, and a 1% growth rate is assumed through FY 2025.

Figure 3: Water Usage



As previously mentioned, the existing rate structure consists of a monthly fixed meter charge and uniform variable rate to all metered customers and flat monthly charges to non-metered customers. Existing metered fixed charges and variable rates are identified in Table 14, followed by Table 15 identifying non-metered monthly flat charges.

Table 14: FY 2021 Metered Fixed Charges and Variable Rates

Existing	
Fixed Charges	($/Month)
Meter Size	
3/4"	$28.08
1"	$43.34
1 1/2"	$81.47
2"	$127.22
3"	$272.13
4"	$485.67
6"	$996.64
8"	$2,140.61
10"	$3,208.31
Variable Rate	**($/ccf)**
Uniform	$1.34

Table 15: FY 2021 Non-Metered Flat Monthly Charges

Existing	
Lot Size / Mobile Home	($/Month)
Single family lots up to 4,900 s.f.	$38.51
Single family lots 4,901 - 8,900 s.f.	$43.40
Single family lots 8,901 - 12,000 s.f.	$47.17
Single family lots 12,001 - 15,000 s.f.	$50.85
Mobile Home Unit in Mobile Home Park	$35.51

Financial Plan Overview – Water Utility

Financial Planning

Financial planning incorporates numerous considerations, including projecting revenues and forecasting expected costs using various inflationary adjustments. Utilities also need to account for changes in water demand driven by variations in weather, water availability, state mandates, growth, and economic factors. In addition, system maintenance and reinvestment, reserves, and debt compliance all influence the revenues needed in future years. Therefore, a comprehensive financial plan reviews the following:

1) Historical water sales and consumption patterns to determine an appropriate level of usage for projecting future water use.
2) Operational costs that may change over the planning period as a result of inflation as well any new expenditures incurred to meet strategic goals, state mandates, or changes in operations.
3) Multi-year system improvement needs, and scheduling based on priority. This review also considers available funding sources to complete projects such as pay-as-you-go (PAYGO), grants, loans, and debt financing.
4) Reserve funding to meet adopted reserve policies. The goal is to generate adequate cash on hand to mitigate financial risks related to operating cashflow needs, unexpected increases in expenses, shortages in system reinvestment, and mitigating potential system failures.

Figure 4 illustrates the key elements when developing a long-term financial plan.

Figure 4: Financial Plan Key Elements



Financial Planning Assumptions

Developing a long-term financial plan requires an understanding of the utility's financial position by evaluating existing revenue streams, ongoing expenses, how those expenses will change over time, existing debt coverage requirements, and reserve policies. With these considerations, certain assumptions are required for projecting revenues, expenses, and expected ending fund balances. Table 16 identifies assumptions used for forecasting revenues and Table 17 identifies assumptions used for forecasting increases in expenses over the Financial Plan Period.

Table 16: Water Assumptions for Forecasting Revenues

Key Assumptions	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenue Escalation						
Non-Inflated	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Non-Rate Revenues	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Reserve Interest	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Account Growth						
Single-Family Residential	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%
Multi-Family Residential	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%
Commercial	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%
Non-Metered	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Projected Accounts / Water Sales						
Total Accounts	50,103	50,603	51,109	51,619	52,134	52,134
Metered Customers (ccf)	11,044,580	11,155,026	11,266,576	11,379,242	11,493,035	11,493,035
Non-Metered Customers (ccf)	15,963	15,963	15,963	15,963	15,963	15,963

Table 17: Water Assumptions for Forecasting Expense Requirements

Key Assumptions	Notes:	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Expenditure Escalation						
Benefits		3.0%	3.0%	3.0%	3.0%	3.0%
Capital	*ENR 20-City 20-Yr Average*	3.2%	3.2%	3.2%	3.2%	3.2%
Utilities		5.0%	5.0%	5.0%	5.0%	5.0%
General Costs		4.0%	4.0%	4.0%	4.0%	4.0%
Non-Inflated		0.0%	0.0%	0.0%	0.0%	0.0%
Pers / OPEB		5.0%	5.0%	5.0%	5.0%	5.0%
Salaries		3.0%	3.0%	3.0%	3.0%	3.0%
Indirect		5.0%	5.0%	5.0%	5.0%	5.0%
Purchased Water		5.0%	5.0%	5.0%	5.0%	5.0%
Water Loss						
% of total production		8.7%	8.7%	8.7%	8.7%	8.7%

Current Financial Position

Revenues

Based on the forecasting assumptions, revenues were calculated using existing rates and account data, with projected total water sales shown in Table 16. Table 18 shows the calculated rate revenues through the Financial Plan Period. The detailed calculations can be found in the rate model on file with the City. Table 19 summarizes calculated rate revenues and other non-rate revenues available through the Financial Plan Period with future projections rounded to the nearest thousands. Non-rate revenues increase over the Financial Plan Period using the inflation factor in Table 16.

Table 18: Water Calculated Rate Revenues

Fixed Revenues	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Monthly Service Charge						
Residential	$16,284,711	$16,447,301	$16,612,096	$16,778,239	$16,946,067	$16,946,067
Commercial	$3,770,680	$3,801,372	$3,832,065	$3,862,757	$3,893,449	$3,893,449
Total Monthly Service Charge	$20,055,391	$20,248,673	$20,444,161	$20,640,996	$20,839,516	$20,839,516
Non-Metered						
Single family lots up to 4,900 s.f.	$33,273	$33,273	$33,273	$33,273	$33,273	$33,273
Single family lots 4,901 - 8,900 s.f.	$7,291	$7,291	$7,291	$7,291	$7,291	$7,291
Single family lots 8,901 - 12,000 s.f.	$1,132	$1,132	$1,132	$1,132	$1,132	$1,132
Single family lots 12,001 - 15,000 s.f.	$610	$610	$610	$610	$610	$610
Mobile Home Unit in Mobile Home Park	$15,340	$15,340	$15,340	$15,340	$15,340	$15,340
Non-Metered Revenue	$57,646	$57,646	$57,646	$57,646	$57,646	$57,646
Variable Revenues	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**
Residential	$8,788,964	$8,876,854	$8,965,622	$9,055,279	$9,145,832	$9,145,832
Commercial	$6,010,772	$6,070,881	$6,131,589	$6,192,905	$6,254,835	$6,254,835
Total Variable Rate Revenue	$14,799,737	$14,947,735	$15,097,212	$15,248,184	$15,400,667	$15,400,667
Total Rate Revenue	$34,912,774	$35,254,055	$35,599,019	$35,946,827	$36,297,829	$36,297,829

Table 19: Water Projected Revenues

Revenue Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Metered Service Charge	$20,055,391	$20,249,000	$20,444,000	$20,641,000	$20,840,000	$20,840,000
Non-Metered Service Charge	$57,646	$58,000	$58,000	$58,000	$58,000	$58,000
Variable / Usage Revenue	$14,799,737	$14,948,000	$15,097,000	$15,248,000	$15,401,000	$15,401,000
Subtotal Rate Revenue	$34,912,774	$35,255,000	$35,599,000	$35,947,000	$36,299,000	$36,299,000
Revenues						
Licenses and Permits	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000
Other Fees	$23,000	$23,000	$23,000	$23,000	$23,000	$23,000
Charges for Services	$2,880	$3,000	$3,000	$3,000	$3,000	$3,000
Use of Property and Money	$580,832	$581,000	$581,000	$581,000	$581,000	$581,000
Capital Contributions	$418,307	$418,000	$418,000	$418,000	$418,000	$418,000
Other Revenue	$181,334	$181,000	$181,000	$181,000	$181,000	$181,000
Subtotal Revenues	$1,216,353	$1,216,000	$1,216,000	$1,216,000	$1,216,000	$1,216,000
Total Revenues	$36,129,127	$36,471,000	$36,815,000	$37,163,000	$37,515,000	$37,515,000

Expenses

The FY 2021 budget was used as the utility's baseline Operational & Maintenance (O&M) expenses and adjusted in subsequent years based on the escalation factors shown in Table 17. In addition, the City recently completed an independent valuation on staffing needs throughout the City and the results were captured within a long-term labor staffing forecast (labor forecast), which were incorporated into the O&M expense projections. Table 20 provides projected O&M expenses through the Financial Plan Period with future projections rounded to the nearest thousands. Each expense category includes detailed line-item expenditures that were discussed with staff to determine the appropriate escalation factor to use for forecasting how costs will increase over time.

Table 20: Water Projected O&M Expenses

Expenditure Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Operating Expenses					
Water UBS - Admin	$197,685	$305,000	$313,000	$322,000	$406,000
Water UBS - Field	$296,412	$264,000	$319,000	$326,000	$378,000
Water UBS - Billing	$453,942	$495,000	$512,000	$529,000	$519,000
Water UBS - Cust Serv	$237,730	$345,000	$337,000	$264,000	$299,000
Water Administration	$2,093,368	$2,571,000	$2,665,000	$2,658,000	$2,755,000
Water Legislative and Regulatory Services	$707,272	$747,000	$769,000	$782,000	$795,000
Water Engineering and Hydrogeology Services	$723,692	$960,000	$879,000	$991,000	$1,027,000
Water Customer Service	$726,645	$1,152,000	$1,250,000	$1,373,000	$1,413,000
Water Distribution	$7,863,886	$8,030,000	$8,383,000	$8,751,000	$9,269,000
Water Treatment/Storage Plant	$5,708,502	$6,590,000	$7,039,000	$7,339,000	$7,645,000
Water Efficiency	$2,050,492	$2,041,000	$2,110,000	$2,326,000	$2,404,000
Water New Meter Purchase	$300,000	$310,000	$319,000	$330,000	$340,000
Water Outreach	$190,500	$198,000	$206,000	$214,000	$223,000
Water UEC	$181,280	$242,000	$270,000	$279,000	$296,000
Water EU Admin	$803,196	$1,014,000	$1,081,000	$1,116,000	$1,152,000
Water EU Outreach	$90,720	$70,000	$72,000	$75,000	$78,000
Water EU Tech Serv	$1,385,008	$1,524,000	$1,725,000	$1,779,000	$1,911,000
Water EAM Support and Maintenance	$108,676	$107,000	$111,000	$115,000	$119,000
Non-Classified	$1,073,378	$1,861,000	$1,575,000	$1,652,000	$1,732,000
Retiree Payments	$544,195	$561,000	$577,000	$595,000	$612,000
Subtotal Operating Expenses	$25,736,579	$29,387,000	$30,512,000	$31,816,000	$33,373,000

Reserves

Figure 5: Water Utility Reserves



Established reserves include Operating Reserve, Rehabilitation Reserve, and Rate Stabilization Reserve. These reserves help mitigate risks to the utility by ensuring sufficient cash is on hand for daily operations and to fund annual system improvements. In addition, these reserves help smooth rates and mitigate rate spikes due to emergencies or above-average system costs. The most recent adopted reserve policies identify the function of each reserve. Table 21 summarizes the minimum reserve requirements and the ideal funding targets of each reserve. In addition, the City has a Construction Fund for capacity fees and transfers to pay a portion of the 2015 Certificates of Participation debt associated with advanced water metering.

Table 21: Water Reserve Requirements and Targets

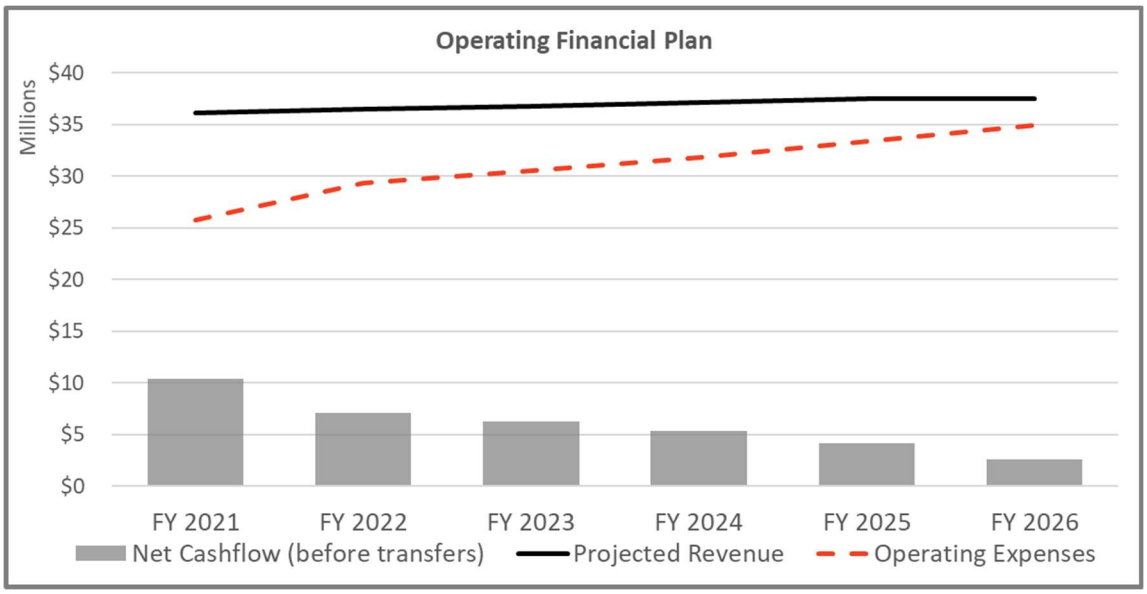
Reserve	Minimum Requirement	Reserve Target
Operating	90 days of operating costs	180 days of operating costs
Rehabilitation	1% of Asset Value	-
Rate Stabilization	50% of next year's operating expenses	-

The reserve balance as of July 1, 2020 equaled approximately $51.8M.

Financial Outlook at Existing Rates

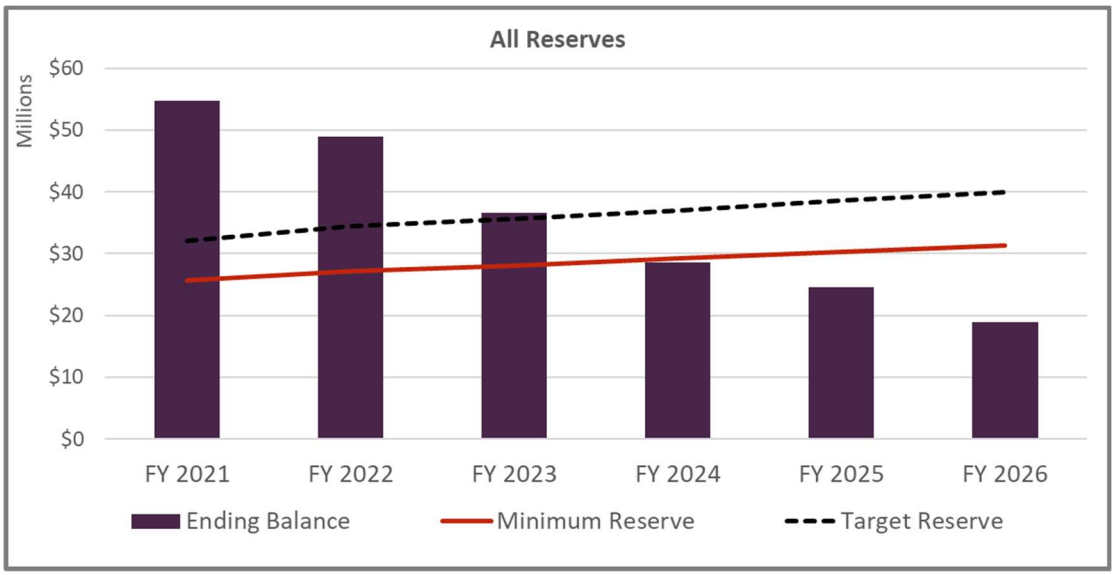
Calculating revenue using existing rates and projecting expenses helps determine the current financial health of the utility. Revenues from existing rates are sufficient to fund O&M through the Financial Plan Period but net operating income (net cashflow before transfers) continue to reduce as operating expenses increase over time. Annual net cashflow is not sufficient to fund operating revenue requirements and system reinvestment needs while meeting minimum reserve requirements through the Financial Plan Period. Figure 6 illustrates the operating position of the utility, where O&M expenses are identified with the dashed red trendline and total revenues at existing rates are shown by the horizontal black trendline. The bars represent the amount of net operating income available for direct transfers (reimbursements and debt), capital spending and reserve funding.

Figure 6: Water Current Operating Financial Position



With the capital improvement plan reflecting over $59M in spending from FY 2021 through the Financial Plan Period, as shown in Figure 2, reserves will be utilized to cover the remaining capital expenses to ensure necessary projects continue to move forward as scheduled. Figure 7 reflects the projected ending balances of reserves after operating and capital projects are funded. By FY 2024, reserves dip below the total minimum reserve target and continue to deplete in subsequent years.

Figure 7: Water Projected Ending Reserves at Existing Rates



Proposed Financial Plan – Water Utility

From the financial outlook at existing rates, a proposed financial plan can be developed to adequately fund the multi-year revenue requirements, while meeting reserve requirements. Based on funding the capital plan over the Rate Setting Period and ensuring reserves meet minimum targets, Table 22 forecasts projected revenues and expenses over the Rate Setting Period, including projected revenue adjustments outside the Rate Setting Period for FY 2024 through FY 2026.

Table 22: Water Proposed Financial Plan

Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Metered Service Charge	$20,055,391	$20,249,000	$20,444,000	$20,641,000	$20,840,000	$20,840,000
Non-Metered Service Charge	$57,646	$58,000	$58,000	$58,000	$58,000	$58,000
Variable / Usage Revenue	$14,799,737	$14,948,000	$15,097,000	$15,248,000	$15,401,000	$15,401,000
Total Rate Revenue	**$34,912,774**	**$35,255,000**	**$35,599,000**	**$35,947,000**	**$36,299,000**	**$36,299,000**
Additional Revenue *(from revenue adjustments)*:						
Fiscal Year				*Greyed out cells - not part of Prop. 218 Notice*		
FY 2022		$1,058,000	$1,068,000	$1,078,000	$1,089,000	$1,089,000
FY 2023			$1,100,000	$1,111,000	$1,122,000	$1,122,000
FY 2024				*$1,144,000*	*$1,155,000*	*$1,155,000*
FY 2025					*$1,388,000*	*$1,388,000*
FY 2026						*$1,642,000*
Total Additional Revenue	$0	$1,058,000	$2,168,000	$3,333,000	$4,754,000	$6,396,000
Projected Rate Revenues	**$34,912,774**	**$36,313,000**	**$37,767,000**	**$39,280,000**	**$41,053,000**	**$42,695,000**
Other Revenue						
Licenses and Permits	$10,000	$10,000	$10,000	$10,000	$10,000	$10,000
Other Fees	$23,000	$23,000	$23,000	$23,000	$23,000	$23,000
Charges for Services	$2,880	$3,000	$3,000	$3,000	$3,000	$3,000
Use of Property and Money	$580,832	$581,000	$581,000	$581,000	$581,000	$581,000
Capital Contributions	$418,307	$418,000	$418,000	$418,000	$418,000	$418,000
Other Revenue	$181,334	$181,000	$181,000	$181,000	$181,000	$181,000
Subtotal Other Revenue	**$1,216,353**	**$1,216,000**	**$1,216,000**	**$1,216,000**	**$1,216,000**	**$1,216,000**
Total Revenues	**$36,129,127**	**$37,529,000**	**$38,983,000**	**$40,496,000**	**$42,269,000**	**$43,911,000**
Operating Expenses						
Water UBS - Admin	$197,685	$305,000	$313,000	$322,000	$406,000	$418,000
Water UBS - Field	$296,412	$264,000	$319,000	$326,000	$378,000	$387,000
Water UBS - Billing	$453,942	$495,000	$512,000	$529,000	$519,000	$537,000
Water UBS - Cust Serv	$237,730	$345,000	$337,000	$264,000	$299,000	$306,000
Water Administration	$2,093,368	$2,571,000	$2,665,000	$2,658,000	$2,755,000	$2,857,000
Water Legislative and Regulatory Services	$707,272	$747,000	$769,000	$782,000	$795,000	$808,000
Water Engineering and Hydrogeology Services	$723,692	$960,000	$879,000	$991,000	$1,027,000	$1,043,000
Water Customer Service	$726,645	$1,152,000	$1,250,000	$1,373,000	$1,413,000	$1,454,000
Water Distribution	$7,863,886	$8,030,000	$8,383,000	$8,751,000	$9,269,000	$9,825,000
Water Treatment/Storage Plant	$5,708,502	$6,590,000	$7,039,000	$7,339,000	$7,645,000	$8,087,000
Water Efficiency	$2,050,492	$2,041,000	$2,110,000	$2,326,000	$2,404,000	$2,486,000
Water New Meter Purchase	$300,000	$310,000	$319,000	$330,000	$340,000	$351,000
Water Outreach	$190,500	$198,000	$206,000	$214,000	$223,000	$232,000
Water UEC	$181,280	$242,000	$270,000	$279,000	$296,000	$305,000
Water EU Admin	$803,196	$1,014,000	$1,081,000	$1,116,000	$1,152,000	$1,189,000
Water EU Outreach	$90,720	$70,000	$72,000	$75,000	$78,000	$81,000
Water EU Tech Serv	$1,385,008	$1,524,000	$1,725,000	$1,779,000	$1,911,000	$1,971,000
Water EAM Support and Maintenance	$108,676	$107,000	$111,000	$115,000	$119,000	$123,000
Non-Classified	$1,073,378	$1,861,000	$1,575,000	$1,652,000	$1,732,000	$1,817,000
Retiree Payments	$544,195	$561,000	$577,000	$595,000	$612,000	$631,000
Subtotal Operating Expenses	**$25,736,579**	**$29,387,000**	**$30,512,000**	**$31,816,000**	**$33,373,000**	**$34,908,000**
Operating Net Income	**$10,392,548**	**$8,142,000**	**$8,471,000**	**$8,680,000**	**$8,896,000**	**$9,003,000**
Water Enterprise Transfers						
Transfers (to)/from Water Rehabilitation Fund	($9,612,471)	($6,312,471)	($5,562,471)	($5,812,471)	($6,062,471)	($6,312,471)
Transfers (to)/from Rate Stabilization Fund	($250,000)	$250,000	($500,000)	($500,000)	($500,000)	($500,000)
Transfers (to)/from Water Construction Fund	($577,250)	($558,000)	($538,750)	($519,500)	($500,250)	($481,000)
Total Water Enterprise Transfers	**($10,439,721)**	**($6,620,471)**	**($6,601,221)**	**($6,831,971)**	**($7,062,721)**	**($7,293,471)**
Other City Dept Transfers						
Transfers (to) Utility Impact Reimbursement Fund:	($754,503)	($754,503)	($754,503)	($754,503)	($754,503)	($754,503)
Transfers (to) RFA Debt Service (Rent):	($358,529)	($358,529)	($358,529)	($358,529)	($358,529)	($358,529)
Total Other City Dept Transfers	**($1,113,032)**	**($1,113,032)**	**($1,113,032)**	**($1,113,032)**	**($1,113,032)**	**($1,113,032)**
Net Cashflow	**($1,160,205)**	**$408,497**	**$756,747**	**$734,997**	**$720,247**	**$596,497**

Figure 8 identifies the operating position based on the proposed financial plan and Figure 9 shows the capital plan with funding sources. Figure 10 identifies the ending reserve balances for reserves after direct transfers and funding capital replacement.

Figure 8: Water *Proposed Operating Position*

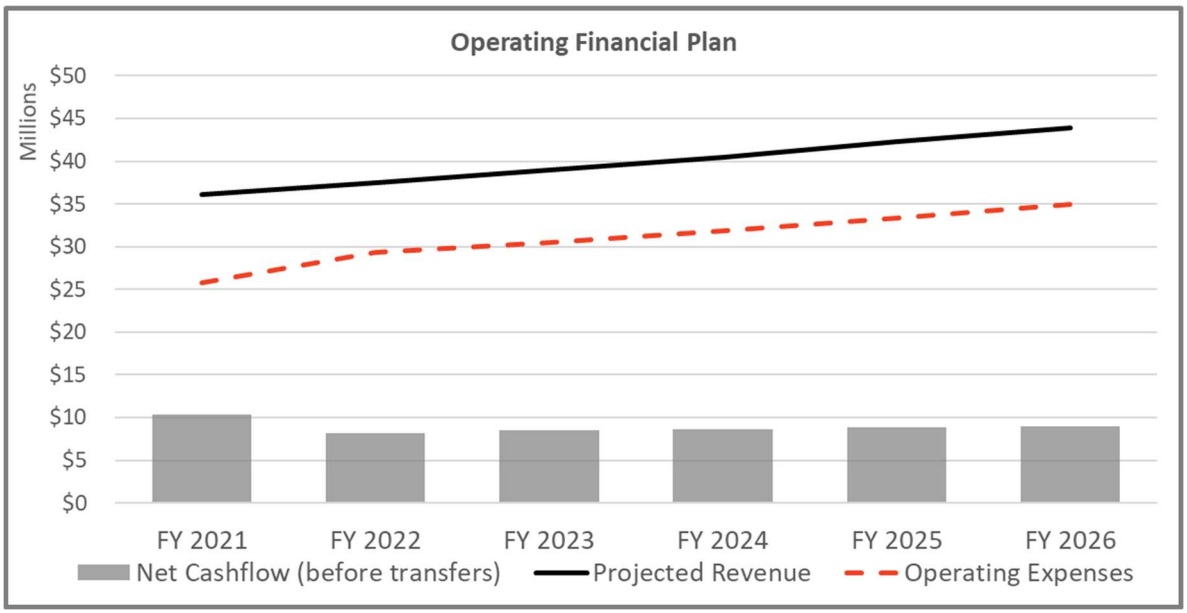


Figure 9: Water Capital Improvement Plan with Funding Sources

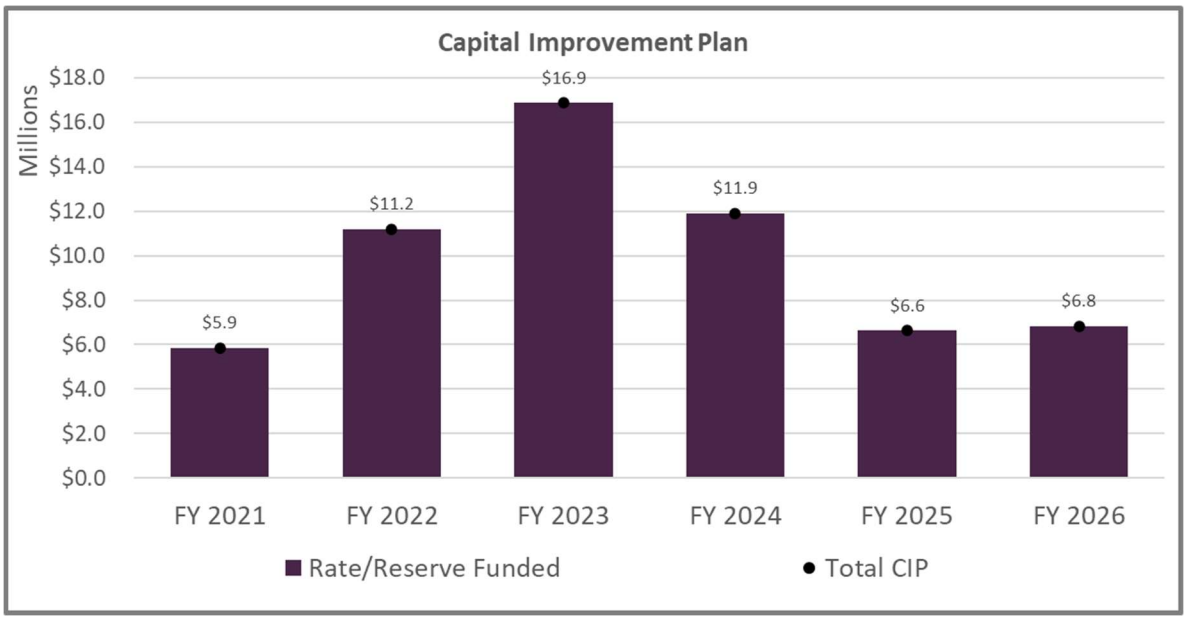
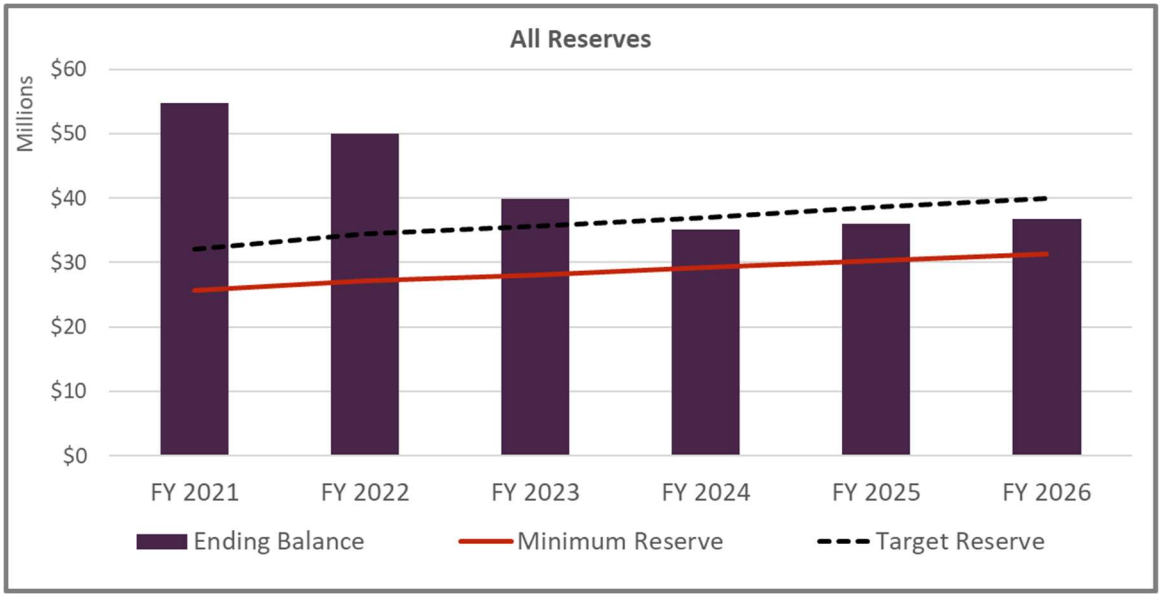


Figure 10: Water Proposed Ending Reserves for Operating and Rate Stabilization

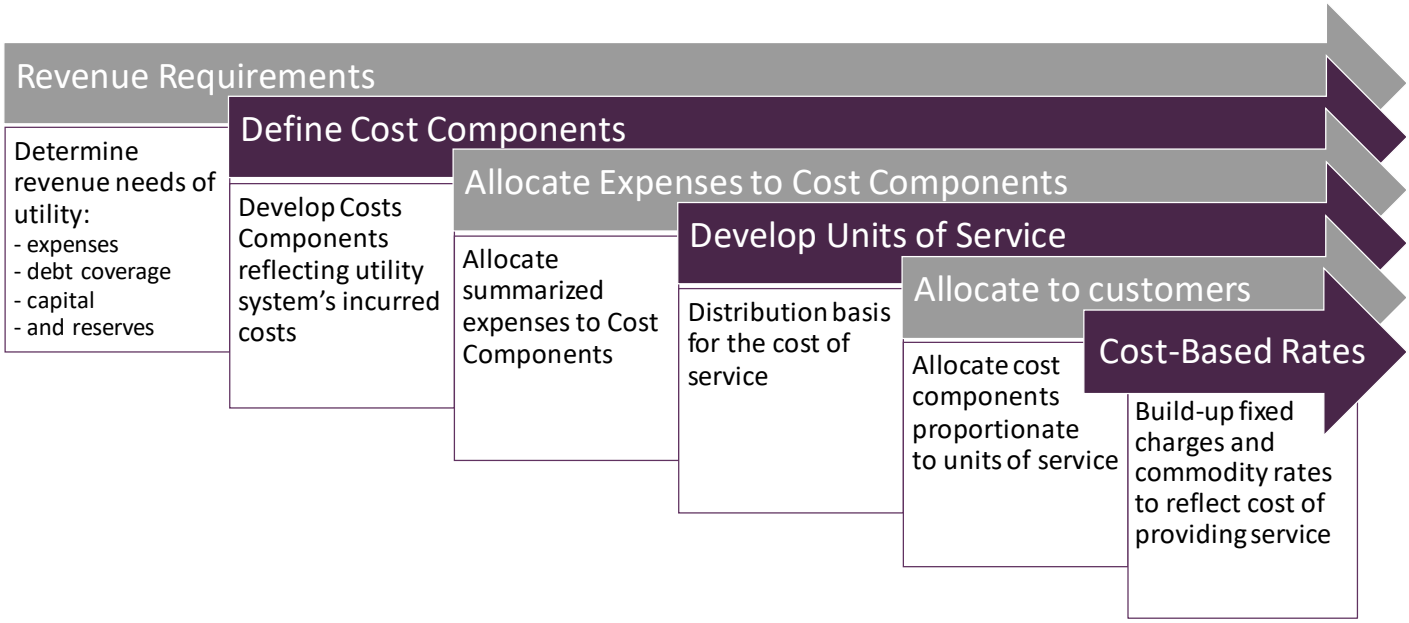


Cost of Service Analysis – Water Utility

Cost of Service Process

The next step in developing rates is to perform a cost of service analysis. It is important to understand **how** costs are incurred in order to determine the most appropriate way to recover these costs. The following graphic summarizes the cost of service process. Through this process, costs incurred are allocated to customers based on their proportional share. As a result, proposed rates are cost-based and reflect the costs incurred to provide service to customers.

Figure 11: Cost of Service Process



Revenue Requirements

With FY 2022 as the first year of the proposed rate schedule, revenue requirements are determined for FY 2022 and used for the cost of service. Revenue requirements include O&M expenses, transfers, available revenue offsets from other revenues, and reserve funding. Funding the capital plan and replenishing reserves to meet or exceed the minimum reserve requirement is achieved over the Rate Setting Period. The proposed revenue adjustments and corresponding rates accumulate the necessary funding over the Rate Setting Period to fund the scheduled capital projects and comply with minimum reserve requirements. The results of the financial plan analysis are summarized in Table 23 and represent the revenue required from rates for FY 2022.

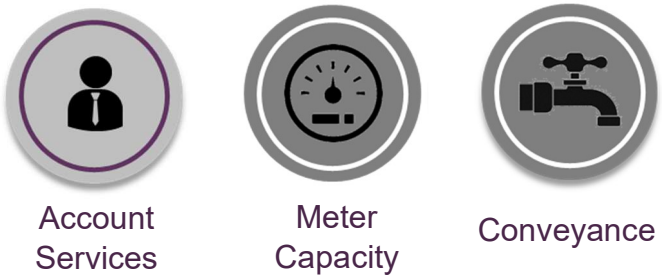
Table 23: FY 2022 Water Revenue Requirements

Revenue Requirements	Total
Operations and Maintenance	
Water UBS - Admin	$305,000
Water UBS - Field	$264,000
Water UBS - Billing	$495,000
Water UBS - Cust Serv	$345,000
Water Administration	$2,571,000
Water Legislative and Regulatory Services	$747,000
Water Engineering and Hydrogeology Services	$960,000
Water Customer Service	$1,152,000
Water Distribution	$8,030,000
Water Treatment/Storage Plant	$6,590,000
Water Efficiency	$2,041,000
Water New Meter Purchase	$310,000
Water Outreach	$198,000
Water UEC	$242,000
Water EU Admin	$1,014,000
Water EU Outreach	$70,000
Water EU Tech Serv	$1,524,000
Water EAM Support and Maintenance	$107,000
Non-Classified	$1,861,000
Retiree Payments	$561,000
Total Operations and Maintenance	$29,387,000
Other Expenses	
Direct Transfers	$6,620,471
Other Transfers Out	$1,113,032
Total Other Expenses	$7,733,503
Revenue Offsets	
Licenses and Permits	($10,000)
Other Fees	($23,000)
Charges for Services	($3,000)
Use of Property and Money	($581,000)
Capital Contributions	($418,000)
Other Revenue	($181,000)
Total Revenue Offsets	($1,216,000)
Adjustments	
Reserve Funding	$408,497
Total Adjustments	$408,497
Revenue Required from Rates	$36,313,000

Define Cost Components

The utility incurs costs to accommodate total water demand that varies throughout the year. Therefore, to determine the most appropriate way to recover the utility's expenses, cost components are identified to allocate expenses based on how they are incurred. Through review of the revenue requirements and an understanding of the utility system, it is appropriate and reasonable to utilize the base-extra capacity methodology outlined in the American Water Works Association M1 Manual. This methodology accounts for utility systems costs as a function of meeting revenue needs based on average annual usage and total demand. The cost components shown in Figure 12 reflect the cost components used for this study.

Figure 12: Water Cost Components



Account Services – Fixed expenses that do not necessarily fluctuate based on usage nor is a function of meter size. Expenses associated with customer service, billing services, outreach, a portion of administration, and other expenses incurred based on having an account.
Meter Capacity – Expenses associated with operating and maintaining the system, planning, support services, capital, and a portion of overhead.
Delivery – Expenses associated with operating and maintaining the distribution system, treatment costs, and capital expenses of the water system incurred to deliver water to all customers. These costs tend to vary with the volume of water sold.

Allocate Expenses to Cost Components

The analysis herein establishes cost components for developing fixed charges and variable rates. When allocating expenses to the defined costs components, it is important identify which expenses were allocated to a fixed versus a variable or split between both fixed and variable. The distribution of expenses to the cost components should be straight-forward to ensure the method of apportionment is **understandable** and easily **correlates to how expenses are incurred**.

Table 24 summarizes the percent allocation of O&M revenue requirements to the cost components and Table 25 uses the percent allocations in Table 24 to allocate expenses in dollars to each cost component.

Table 24: Water O&M Expense Allocation to Cost Components (%)

Functionalized Expenses	Methodology / Allocation Basis	Account Services	Meter Capacity	Conveyance	Total
Water UBS - Admin	*Specific*	25.0%	75.0%	0.0%	100.0%
Water UBS - Field	*Specific*	0.0%	100.0%	0.0%	100.0%
Water UBS - Billing	*Specific*	100.0%	0.0%	0.0%	100.0%
Water UBS - Cust Serv	*Specific*	100.0%	0.0%	0.0%	100.0%
Water Administration	*Specific*	0.0%	100.0%	0.0%	100.0%
Water Legislative and Regulatory Serv	*Specific*	0.0%	100.0%	0.0%	100.0%
Water Engineering and Hydrogeolog	*Specific*	0.0%	100.0%	0.0%	100.0%
Water Customer Service	*Specific*	100.0%	0.0%	0.0%	100.0%
Water Distribution	*Specific*	0.0%	50.0%	50.0%	100.0%
Water Treatment/Storage Plant	*Specific*	0.0%	0.0%	100.0%	100.0%
Water Efficiency	*Specific*	0.0%	0.0%	100.0%	100.0%
Water New Meter Purchase	*Specific*	0.0%	100.0%	0.0%	100.0%
Water Outreach	*Specific*	100.0%	0.0%	0.0%	100.0%
Water UEC	*Specific*	0.0%	100.0%	0.0%	100.0%
Water EU Admin	*Specific*	25.0%	75.0%	0.0%	100.0%
Water EU Outreach	*Specific*	100.0%	0.0%	0.0%	100.0%
Water EU Tech Serv	*Specific*	0.0%	100.0%	0.0%	100.0%
Water EAM Support and Maintenance	*Specific*	0.0%	100.0%	0.0%	100.0%
Non-Classified	*Specific*	0.0%	100.0%	0.0%	100.0%
Retiree Payments	*Specific*	0.0%	100.0%	0.0%	100.0%

Table 25: Water O&M Expense Allocation to Cost Components ($)

Functionalized Expenses	Methodology / Allocation Basis	Account Services	Meter Capacity	Conveyance	Total
Water UBS - Admin	*Specific*	$78,250	$234,750	$0	$313,000
Water UBS - Field	*Specific*	$0	$319,000	$0	$319,000
Water UBS - Billing	*Specific*	$512,000	$0	$0	$512,000
Water UBS - Cust Serv	*Specific*	$337,000	$0	$0	$337,000
Water Administration	*Specific*	$0	$2,665,000	$0	$2,665,000
Water Legislative and Regulatory Serv	*Specific*	$0	$769,000	$0	$769,000
Water Engineering and Hydrogeolog	*Specific*	$0	$879,000	$0	$879,000
Water Customer Service	*Specific*	$1,250,000	$0	$0	$1,250,000
Water Distribution	*Specific*	$0	$4,191,500	$4,191,500	$8,383,000
Water Treatment/Storage Plant	*Specific*	$0	$0	$7,039,000	$7,039,000
Water Efficiency	*Specific*	$0	$0	$2,110,000	$2,110,000
Water New Meter Purchase	*Specific*	$0	$319,000	$0	$319,000
Water Outreach	*Specific*	$206,000	$0	$0	$206,000
Water UEC	*Specific*	$0	$270,000	$0	$270,000
Water EU Admin	*Specific*	$270,250	$810,750	$0	$1,081,000
Water EU Outreach	*Specific*	$72,000	$0	$0	$72,000
Water EU Tech Serv	*Specific*	$0	$1,725,000	$0	$1,725,000
Water EAM Support and Maintenance	*Specific*	$0	$111,000	$0	$111,000
Non-Classified	*Specific*	$0	$1,575,000	$0	$1,575,000
Retiree Payments	*Specific*	$0	$577,000	$0	$577,000
Total Allocation ($)		$2,725,500	$14,446,000	$13,340,500	$30,512,000
O&M Allocation (%)		8.9%	47.3%	43.7%	100.0%

Other Funding includes direct transfers, revenue offsets, and reserve funding. All items under "Other Funding" were allocated to the cost components based on O&M percentages derived in Table 25 to maintain proportionality in how expenses were allocated to each cost component. Table 27 summarizes the percent allocation of Other Revenue to the cost components, and Table 26 uses the percent allocations in Table 27 to allocate expenses in dollars to each cost component.

Table 26: Water Other Funding to Cost Components (%)

Functionalized Expenses	Methodology / Allocation Basis	Account Services	Meter Capacity	Conveyance	Total
Direct Transfers	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Other Transfers Out	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Licenses and Permits	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Other Fees	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Charges for Services	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Use of Property and Money	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Capital Contributions	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Other Revenue	O&M Allocation	8.8%	48.2%	43.0%	100.0%
Reserve Funding	O&M Allocation	8.8%	48.2%	43.0%	100.0%

Table 27: Water Other Funding Allocation to Cost Components ($)

Functionalized Expenses	Methodology / Allocation Basis	Account Services	Meter Capacity	Conveyance	Total
Direct Transfers	*O&M Allocation*	$583,434	$3,188,074	$2,848,963	$6,620,471
Other Transfers Out	*O&M Allocation*	$98,087	$535,978	$478,967	$1,113,032
Licenses and Permits	*O&M Allocation*	($881)	($4,815)	($4,303)	($10,000)
Other Fees	*O&M Allocation*	($2,027)	($11,076)	($9,898)	($23,000)
Charges for Services	*O&M Allocation*	($264)	($1,445)	($1,291)	($3,000)
Use of Property and Money	*O&M Allocation*	($51,201)	($279,779)	($250,020)	($581,000)
Capital Contributions	*O&M Allocation*	($36,837)	($201,287)	($179,876)	($418,000)
Other Revenue	*O&M Allocation*	($15,951)	($87,160)	($77,889)	($181,000)
Reserve Funding	*O&M Allocation*	$35,999	$196,711	$175,787	$408,497
Total Allocation ($)		**$610,359**	**$3,335,201**	**$2,980,440**	**$6,926,000**

Table 28 summarizes the total revenue requirement derived in Table 23 by cost component.

Table 28: FY 2022 Water Cost of Service Requirements by Cost Component

Revenue Requirement	Account Services	Meter Capacity	Conveyance	Total Requirement
Operations and Maintenance	$2,589,750	$14,151,250	$12,646,000	$29,387,000
Other Funding	$610,359	$3,335,201	$2,980,440	$6,926,000
Total	$3,200,109	$17,486,451	$15,626,440	$36,313,000

Rate Design – Water Utility

Develop Units of Service

Unit rates for each cost component are derived by spreading the corresponding revenue requirements over appropriate units of service (distribution basis). This approach provides a clear connection between costs incurred and the proportionate share attributable to each customer. When designing rates, the most critical component is to connect costs to the proposed rates, resulting in a cost-based rate structure in compliance with Proposition 218.

In the previous section, costs were summarized by expense category and allocated to cost components based on how each cost is incurred. The next step in designing rates is to allocate each cost component to customers through fixed charges and variable rates. The method of apportionment considers each customer's share of system costs and is reflected by the units of service used to equitably distribute the cost components to each customer account. The distribution basis varies by cost component and includes total accounts, Meter Equivalents (MEs), which reflect demand placed on the system , and total water sales.

For non-metered accounts, projected water usage was estimated based on the average annual usage of metered customers (11.9 ccf) and water efficiency standards for indoor use on a gallons per capita per day (gpcd) basis. Using an indoor water use of 55 gpcd, projected indoor usage equals 5.91 ccf, which is assumed for all non-metered accounts. Projected outdoor water usage is derived by taking the difference between the average annual metered usage of 11.9 ccf and indoor usage of 5.91 ccf (result is 5.99 ccf). The 5.99 ccf is assigned to the 4,900 sqft lot size and each lot size category greater than 4,900 sqft has an increased projected outdoor water usage to account for the bigger lot sizes. Table 29 reflects the projected water usage for non-metered accounts.

In Table 30, each meter size was assigned an equivalency factor based on the flow characteristics of a 3/4" meter based on the safe maximum operating flow capacity by meter type, as identified in the AWWA M1 Manual, 6th Edition, Table B-2. The safe maximum operating flow capacity for each meter was divided by the base meters' safe operating flow capacity of 30 gallons per minute (gpm) to determine the equivalent meter ratio. The Capacity Ratio represents the potential flow through each meter size compared to the flow through a 3/4" meter to establish parity between meter sizes. Total MEs are determined by multiplying the number of meters by the Capacity Ratio and then multiplying the result by the number of billing periods. Table 31 summarizes the units of service related to total Accounts, MEs, and projected usage.

Table 29: Non-Metered Projected Water Usage

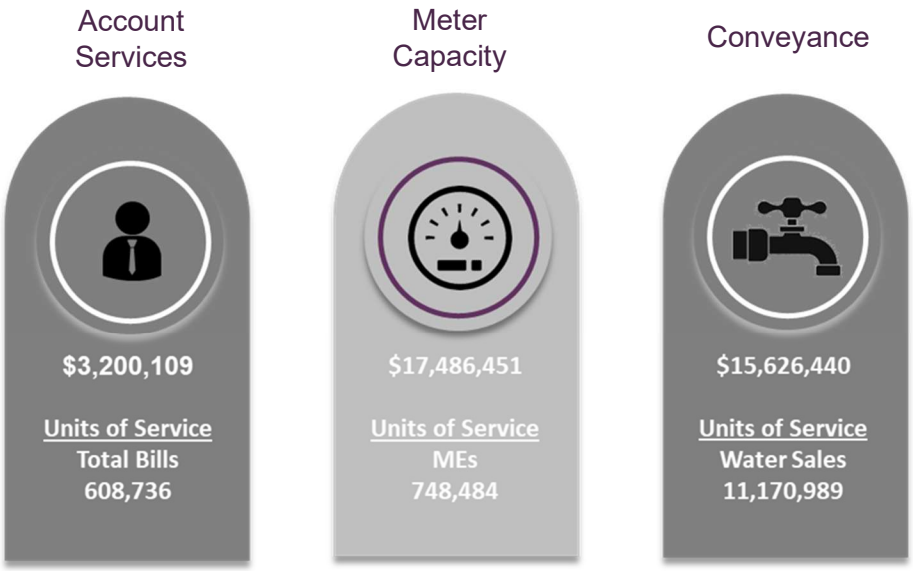
Non-Metered	Number of Accounts [A]	Square Footage [B]	Outdoor Allocation Factor [C] = B / 4,900	Monthly Indoor Allotment [D]	Monthly Outdoor Allotment [E] = C x 5.99 ccf	Monthly Water Allotment [F] = D + E	Annual Projected Water Usage [G] = F x 12
Single family lots up to 4,900 s.f.	72	4,900	1.00	5.91 ccf	5.99 ccf	11.9 ccf	10,282 ccf
Single family lots 4,901 - 8,900 s.f.	14	6,901	1.41	5.91 ccf	8.43 ccf	14.3 ccf	2,410 ccf
Single family lots 8,901 - 12,000 s.f.	2	10,451	2.13	5.91 ccf	12.77 ccf	18.7 ccf	448 ccf
Single family lots 12,001 - 15,000 s.f.	1	13,501	2.76	5.91 ccf	16.50 ccf	22.4 ccf	269 ccf
Mobile Home Unit in Mobile Home Park	36	2,450	N/A	5.91 ccf	.00 ccf	5.9 ccf	2,554 ccf

Table 30: Water Units of Service

Account Type	AWWA Capacity [A]	Capacity Ratio [B] = (A / 30)	Number of Accounts [C]	Meter Equivalents [D] = (B x C)	Annual Bills [E] = (C x 12)	Annual ME's [F] = (D x 12)	Projected Usage (ccf) [G]
Metered							
3/4"	30	1.00	47,308	47,308	567,696	567,696	
1"	50	1.67	1,739	2,898	20,868	34,780	
1 1/2"	100	3.33	439	1,463	5,268	17,560	
2"	160	5.33	864	4,608	10,368	55,296	
3"	350	11.67	125	1,458	1,500	17,500	
4"	630	21.00	86	1,806	1,032	21,672	
6"	1,300	43.33	28	1,213	336	14,560	
8"	2,800	93.33	10	933	120	11,200	
10"	4,200	140.00	4	560	48	6,720	
Total Metered			50,603	62,249	607,236	746,984	11,155,026
Non-Metered							
Single family lots up to 4,900 s.f.	30	1.00	72	72	864	864	10,282
Single family lots 4,901 - 8,900 s.f.	30	1.00	14	14	168	168	2,410
Single family lots 8,901 - 12,000 s.f.	30	1.00	2	2	24	24	448
Single family lots 12,001 - 15,000 s.f.	30	1.00	1	1	12	12	269
Mobile Home Unit in Mobile Home Park	30	1.00	36	36	432	432	2,554
Total Non-Metered			125	125	1,500	1,500	15,963
Total Units of Service			50,728	62,374	608,736	748,484	11,170,989

With the units of service shown in Table 30, the distribution basis can be identified for each cost component. Figure 13 identifies the total revenue requirements by cost component from Table 28 and the corresponding units of service.

Figure 13: Water Distribution Basis and Units of Service by Cost Component



Using the FY 2022 revenue requirements, the cost of service allocates expenses to customers based on the service demands that each place on the system (cost causation). This cost causation approach ensures that each customer proportionately shares in the financial obligation of the utility. For the following unit rate computations for each cost component, unit rates were rounded up to the nearest penny.

Fixed Cost Recovery

Account Services

Account Services costs are incurred by each customer regardless of the type of land use, meter size, or total amount of water used in a month. These costs should be spread equally across all accounts. This is achieved by using the distribution basis of Total Bills. Total Bills are determined by multiplying the number of accounts by 12 billing periods (Table 30). Therefore, the revenue requirement for Account Services is apportioned based on the Total Bills to determine the monthly unit cost of service shown in Table 31.

Table 31: FY 2022 Water Account Services Monthly Unit Rate

Account Services Component - Unit Rate	
Revenue Requirement	$3,200,109
÷ Total Bills	608,736
Monthly Unit Rate per Account	$5.26

Account Type	Distribution Basis Annual Bills	% Allocation	Revenue Requirement	Units of Service Annual Bills	Unit Rate ($/Month)
Metered					
3/4"	567,696	93.258%	$2,984,362	567,696	$5.26
1"	20,868	3.428%	$109,703	20,868	$5.26
1 1/2"	5,268	0.865%	$27,694	5,268	$5.26
2"	10,368	1.703%	$54,504	10,368	$5.26
3"	1,500	0.246%	$7,885	1,500	$5.26
4"	1,032	0.170%	$5,425	1,032	$5.26
6"	336	0.055%	$1,766	336	$5.26
8"	120	0.020%	$631	120	$5.26
10"	48	0.008%	$252	48	$5.26
Non-Metered					
Single family lots up to 4,900 s.f.	864	0.142%	$4,542	864	$5.26
Single family lots 4,901 - 8,900 s.f.	168	0.028%	$883	168	$5.26
Single family lots 8,901 - 12,000 s.f.	24	0.004%	$126	24	$5.26
Single family lots 12,001 - 15,000 s.f.	12	0.002%	$63	12	$5.26
Mobile Home Unit in Mobile Home Park	432	28.800%	$2,271	432	$5.26
Total	608,736	1	$3,200,109	608,736	

Meter Capacity

*The Meter Capacity includes system-wide operations costs, capital, and a portion of reserves. The revenue requirement for Meter Capacity is apportioned based on meter size. Larger sized meters can generate a greater demand on the system from the amount of potential water flow that may pass through the meter in gpm. The revenue requirement for Meter Capacity is apportioned to meter size as represented by total MEs (*Table 29: Non-Metered Projected Water Usage

Non-Metered	Number of Accounts [A]	Square Footage [B]	Outdoor Allocation Factor [C] = B / 4,900	Monthly Indoor Allotment [D]	Monthly Outdoor Allotment [E] = C x 5.99 ccf	Monthly Water Allotment [F] = D + E	Annual Projected Water Usage [G] = F x 12
Single family lots up to 4,900 s.f.	72	4,900	1.00	5.91 ccf	5.99 ccf	11.9 ccf	10,282 ccf
Single family lots 4,901 - 8,900 s.f.	14	6,901	1.41	5.91 ccf	8.43 ccf	14.3 ccf	2,410 ccf
Single family lots 8,901 - 12,000 s.f.	2	10,451	2.13	5.91 ccf	12.77 ccf	18.7 ccf	448 ccf
Single family lots 12,001 - 15,000 s.f.	1	13,501	2.76	5.91 ccf	16.50 ccf	22.4 ccf	269 ccf
Mobile Home Unit in Mobile Home Park	36	2,450	N/A	5.91 ccf	.00 ccf	5.9 ccf	2,554 ccf

Table 30) in Table 33.

Table 32: FY 2022 Water Meter Capacity Monthly Unit Rate

Meter Capacity Component - Unit Rate	
Revenue Requirement	$17,486,451
÷ Meter Equivalents	748,484
Monthly Unit Rate per ME	$23.37

Account Type	Distribution Basis Annual ME's	% Allocation	Revenue Requirement	Units of Service Annual Bills	Unit Rate ($/Month)
Metered					
3/4"	567,696	75.846%	$13,262,793	567,696	$23.37
1"	34,780	4.647%	$812,547	20,868	$38.94
1 1/2"	17,560	2.346%	$410,245	5,268	$77.88
2"	55,296	7.388%	$1,291,852	10,368	$124.60
3"	17,500	2.338%	$408,844	1,500	$272.57
4"	21,672	2.895%	$506,312	1,032	$490.62
6"	14,560	1.945%	$340,158	336	$1,012.38
8"	11,200	1.496%	$261,660	120	$2,180.50
10"	6,720	0.898%	$156,996	48	$3,270.75
Non-Metered					
Single family lots up to 4,900 s.f.	864	0.115%	$20,185	864	$23.37
Single family lots 4,901 - 8,900 s.f.	168	0.022%	$3,925	168	$23.37
Single family lots 8,901 - 12,000 s.f.	24	0.003%	$561	24	$23.37
Single family lots 12,001 - 15,000 s.f.	12	0.002%	$280	12	$23.37
Mobile Home Unit in Mobile Home Park	432	0.058%	$10,093	432	$23.37
Total	748,484	1	$17,486,451	608,736	

Variable Cost Recovery

The remaining cost component of Conveyance is recovered through a variable rate. The proposed rate structure consists of a uniform rate per ccf across all metered accounts. Non-metered accounts are allocated a proportional share of variable cost based on their projected usage shown in Table 30 and incorporated as part of the non-metered accounts' monthly flat charges.

Conveyance

Conveyance costs are incurred based on the total volume of water produced and delivered to customers throughout the year. Therefore, the revenue requirement for Conveyance is apportioned based on projected total water usage identified in Table 30 to determine the unit cost of service, as shown in Table 33. The amount allocated to non-metered accounts is further apportioned to the five corresponding non-metered rate categories as shown in Table 34, based on the projected usage in Table 30.

Table 33: FY 2022 Water Conveyance Unit Rate

Customer Class	Projected Usage (ccf) [A]	% Allocation [B] = A as %	Revenue Requirement [C]	Unit Rate [D] = C / A
Metered	11,155,026	99.9%	$15,604,111	$1.40
Non-Metered	15,963	0.1%	$22,329	*Further Allocated*
Total	11,170,989	100.0%	$15,626,440	

Table 34: FY 2022 Non-Metered Conveyance Monthly Unit Rate

Non-Metered Category	Total Bills [A]	Projected Usage [B]	% Allocation [C] = B as %	Revenue Requirement [D]	Monthly Rate [E] = D / A
Single family lots up to 4,900 s.f.	864	10,282	64.4%	$14,382	$16.65
Single family lots 4,901 - 8,900 s.f.	168	2,410	15.1%	$3,371	$20.07
Single family lots 8,901 - 12,000 s.f.	24	448	2.8%	$627	$26.14
Single family lots 12,001 - 15,000 s.f.	12	269	1.7%	$376	$31.35
Mobile Home Unit in Mobile Home Park	432	2,554	16.0%	$3,572	$8.27
Total	1,500	15,963	100.0%	$22,329	

Cost-Based Rates – Water Utility

Proposed Monthly Fixed Charges

The proposed monthly fixed charges for FY 2022 are shown in Table 35, reflecting the combined charges of Account Services and Meter Capacity. Meter Capacity charges increase with the size of the meter in relation to the Capacity Factors. Table 36 provides the two-year metered fixed charge schedule through FY 2023. For FY 2023, the 3% revenue adjustment is applied across-the-board to the cost of service rates derived for FY 2022.

Table 35: FY 2022 Water Monthly Fixed Charges

Customer Class	Account Services [A]	Meter Capacity [B]	Fixed Charges [C] = A + B
Meter Size			
3/4"	$5.26	$23.37	$28.63
1"	$5.26	$38.94	$44.20
1 1/2"	$5.26	$77.88	$83.14
2"	$5.26	$124.60	$129.86
3"	$5.26	$272.57	$277.83
4"	$5.26	$490.62	$495.88
6"	$5.26	$1,012.38	$1,017.64
8"	$5.26	$2,180.50	$2,185.76
10"	$5.26	$3,270.75	$3,276.01
Non-Metered			
Single family lots up to 4,900 s.f.	$5.26	$23.37	$28.63
Single family lots 4,901 - 8,900 s.f.	$5.26	$23.37	$28.63
Single family lots 8,901 - 12,000 s.f.	$5.26	$23.37	$28.63
Single family lots 12,001 - 15,000 s.f.	$5.26	$23.37	$28.63
Mobile Home Unit in Mobile Home Park	$5.26	$23.37	$28.63

Table 36: Proposed Water Metered Monthly Fixed Charges

Fixed Meter Charges ($/Month)		
Meter Service Charges	FY 2022	FY 2023
3/4"	$28.63	$29.49
1"	$44.20	$45.53
1 1/2"	$83.14	$85.64
2"	$129.86	$133.76
3"	$277.83	$286.17
4"	$495.88	$510.76
6"	$1,017.64	$1,048.17
8"	$2,185.76	$2,251.34
10"	$3,276.01	$3,374.30

Proposed Variable Rate

Table 37 provides the two-year variable rate schedule through FY 2023. For FY 2023, the 3% revenue adjustment is applied across-the-board to the cost of service rates derived for FY 2022 while accounting for increased usage from account growth.

Table 37: Proposed Water Variable Rates

Variable Rates ($/ccf)		
Rate	FY 2022	FY 2023
Uniform ($/ccf)	$1.40	$1.45

Proposed Non-Metered Monthly Flat Charges

Table 38 provides the two-year non-metered flat charge schedule through FY 2023. The monthly flat charges combine the variable charges and fixed charges identified in Table 34 and Table 35 for FY 2022. For FY 2023, the 3% revenue adjustment is applied across-the-board to the cost of service rates derived for FY 2022.

Table 38: Proposed Water Non-Metered Monthly Flat Charges

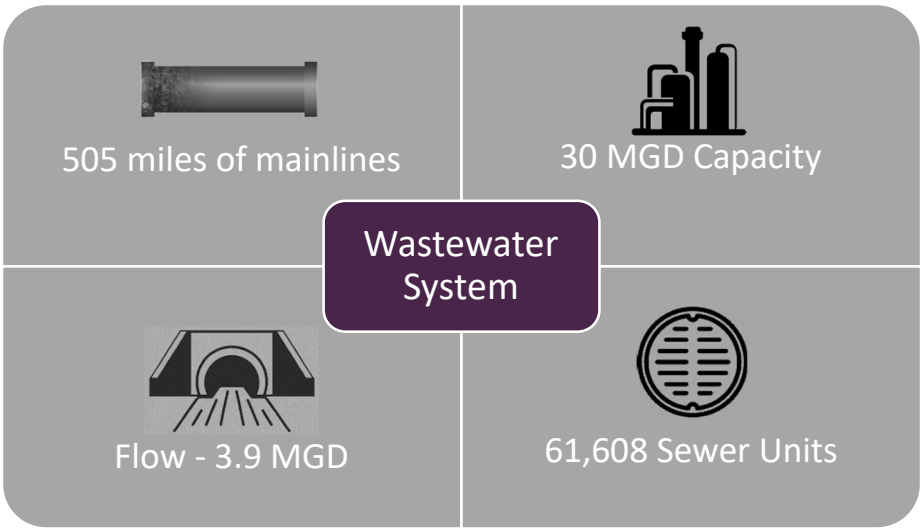
Non-Metered ($/Month)		
Flat Monthly Charges	FY 2022	FY 2023
Single family lots up to 4,900 s.f.	$45.28	$46.64
Single family lots 4,901 - 8,900 s.f.	$48.70	$50.17
Single family lots 8,901 - 12,000 s.f.	$54.77	$56.42
Single family lots 12,001 - 15,000 s.f.	$59.98	$61.78
Mobile Home Unit in Mobile Home Park	$36.90	$38.01

Wastewater Utility

Wastewater System

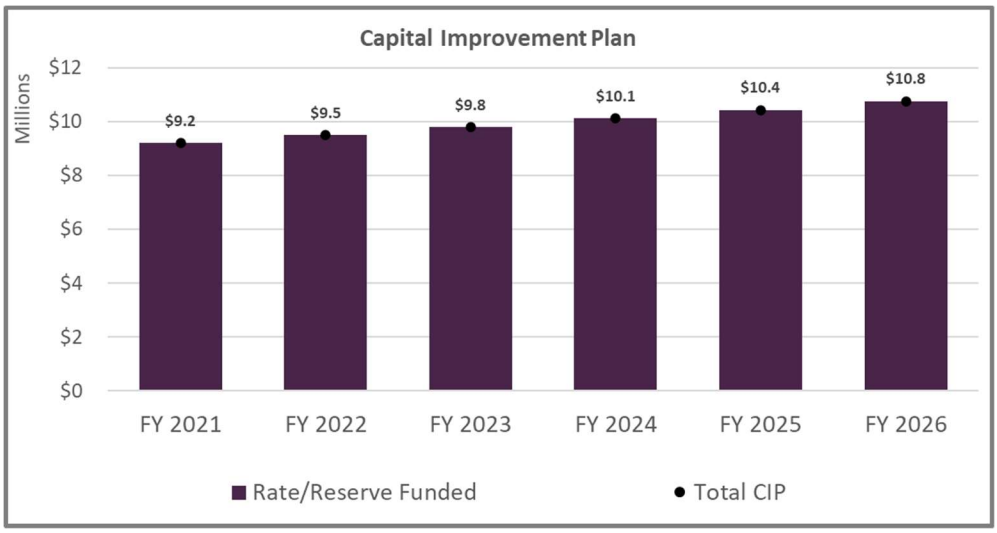
The City operates two wastewater treatment plant facilities that serve the City of Roseville, portions of Placer County, and several unincorporated communities. The two treatment plants combined can treat a total capacity of 30 MGD. The City's wastewater collections system includes 505 miles of sewer mainlines and the plants treat approximately 3.9 MGD of effluent from City customers.

Figure 14: City of Roseville Wastewater System



The City's capital spending will average approximately $10.1M annually through the Financial Plan Period for the wastewater system's repair and replacement program. Figure 15 shows the City's capital repair and replacement plan through FY 2026.

Figure 15: Wastewater Capital Improvement Plan



Customers

At the start of FY 2021, the City had 61,608 active sewer units, which includes total residential dwelling units and commercial accounts. Table 39 provides a summary of accounts and sewer units by customer class.

Table 39: July 1, 2020 Wastewater Accounts by Customer Class

Customer Class	Number of Accounts	Sewer Units
Residential	44,483	59,963
Commercial	1,541	1,645
Total	46,024	61,608

The current wastewater rate structure consists of monthly fixed charges and variable rates for commercial customers for water usage over 1,000 cubic feet. Existing charges and rates are identified in Table 40.

Table 40: FY 2021 Wastewater Fixed Charges and Variable Rates

Existing	
Fixed Charge	($/Month)
Fixed Monthly Charge ($/month)	
Residential	$42.18
Commercial	$42.18
Variable Rate	($/ccf)
Commercial	$4.23

Financial Plan Overview - Wastewater Utility

Financial Planning Assumptions

Developing a long-term financial plan requires understanding the utility's financial position by evaluating existing revenue streams, ongoing expenses, how those expenses will change over time, existing debt requirements, new strategic objectives, and reserve policies. With these considerations, certain assumptions are required for projecting revenues, expenses, and expected ending fund balances. Table 41 identifies assumptions used for forecasting revenues, and Table 42 identifies assumptions used for forecasting increases in expenses through the Financial Plan Period.

Table 41: Wastewater Assumptions for Forecasting Revenues

Key Assumptions	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenue Escalation						
Non-Inflated	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Non-Rate Revenues	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Reserve Interest	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Account Growth						
Residential	1.0%	1.0%	1.0%	1.0%	1.0%	0.0%
Commercial	1.0%	1.0%	1.0%	1.0%	0.0%	0.0%
Sewer Units						
Projected Sewer Units	62,207	62,813	63,425	64,043	64,650	64,650
Commercial Billable Usage at Current Rates						
Projected Usage (ccf)	917,082	947,516	956,991	966,561	966,561	966,561

Table 42: Wastewater Assumptions for Forecasting Expense Requirements

Key Assumptions	Notes:	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Expenditure Escalation						
Benefits		3.0%	3.0%	3.0%	3.0%	3.0%
Capital	*ENR 20-City 20-Year Average*	3.2%	3.2%	3.2%	3.2%	3.2%
Utilities		5.0%	5.0%	5.0%	5.0%	5.0%
General Costs		4.0%	4.0%	4.0%	4.0%	4.0%
Non-Inflated		0.0%	0.0%	0.0%	0.0%	0.0%
Pers / OPEB		5.0%	5.0%	5.0%	5.0%	5.0%
Salaries		3.0%	3.0%	3.0%	3.0%	3.0%
Indirect		5.0%	5.0%	5.0%	5.0%	5.0%
Treatment		2.0%	2.0%	2.0%	2.0%	2.0%

Current Financial Position

Revenues

Based on the forecasting assumptions, revenues were calculated using existing wastewater rates and account data and Commercial billable water usage. Table 43 shows the calculated revenues for FY 2021 through the Financial Plan Period. The detailed calculations can be found in the rate model on file with the City. Table 45 provides a summary of calculated rate revenues (rounded to thousands) and other non-rate revenues available through the Financial Plan Period. Non-rate revenues increase over the Financial Plan Period using the inflation factor in Table 41.

Table 43: Wastewater Calculated Rate Revenues

Fixed Revenues	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Monthly Service Charge						
Residential	$29,805,232	$30,103,360	$30,404,525	$30,708,727	$31,015,966	$31,015,966
Commercial	$840,732	$849,336	$857,941	$866,546	$866,546	$866,546
Commercial - Flat	$840,732	$840,732	$840,732	$840,732	$840,732	$840,732
Total Monthly Service Charge	$31,486,695	$31,793,428	$32,103,198	$32,416,005	$32,723,244	$32,723,244
Variable Revenues	**FY 2021**	**FY 2022**	**FY 2023**	**FY 2024**	**FY 2025**	**FY 2026**
Commercial	$3,879,259	$4,007,993	$4,048,072	$4,088,553	$4,088,553	$4,088,553
Total Variable Rate Revenue	$3,879,259	$4,007,993	$4,048,072	$4,088,553	$4,088,553	$4,088,553
Total Rate Revenue	$35,365,954	$35,801,421	$36,151,270	$36,504,558	$36,811,797	$36,811,797

Table 44: Wastewater Projected Wastewater Revenues

Revenue Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Monthly Service Charge	$31,486,695	$31,793,000	$32,103,000	$32,416,000	$32,723,000	$32,723,000
Variable Revenues	$3,879,259	$4,008,000	$4,048,000	$4,089,000	$4,089,000	$4,089,000
Subtotal Rate Revenue	$35,365,954	$35,801,000	$36,151,000	$36,505,000	$36,812,000	$36,812,000
Revenues						
Other Fees	$6,680,000	$6,680,000	$6,680,000	$6,680,000	$6,680,000	$6,680,000
Charges for Services	$2,879	$3,000	$3,000	$3,000	$3,000	$3,000
Use of Property and Money	$515,051	$515,000	$515,000	$515,000	$515,000	$515,000
Capital Contributions	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
Other Revenue	$83	$0	$0	$0	$0	$0
Subtotal Revenues	$7,238,013	$7,238,000	$7,238,000	$7,238,000	$7,238,000	$7,238,000
Total Revenues	$42,603,967	$43,039,000	$43,389,000	$43,743,000	$44,050,000	$44,050,000

Expenses

The FY 2021 budget was used as the utility's baseline expenses and adjusted in subsequent years based on the escalation factors shown in Table 42. In addition, the City recently completed an independent valuation on staffing needs throughout the City and the results were captured within a long-term labor staffing forecast (labor forecast), which were incorporated into the O&M expense projections. Table 45 provides projected O&M expenses through the Financial Plan Period (rounded to thousands). Each expense category includes detailed line-item expenditures that were discussed with staff to determine the appropriate escalation factor to use for forecasting how costs will increase over time.

Table 45: Wastewater Projected O&M Expenses

Expenditure Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Operating Expenses						
Wastewater UBS - Admin	$175,851	$287,000	$295,000	$303,000	$387,000	$398,000
Wastewater UBS - Field	$219,034	$241,000	$295,000	$301,000	$352,000	$360,000
Wastewater UBS - Billing	$422,923	$464,000	$480,000	$496,000	$487,000	$504,000
Wastewater UBS - Cust Serv	$209,697	$306,000	$297,000	$225,000	$259,000	$264,000
Wastewater Administration	$2,164,946	$2,413,000	$2,505,000	$2,601,000	$2,701,000	$2,805,000
Industrial Treatment	$143,489	$160,000	$165,000	$170,000	$176,000	$181,000
Environmental Treatment Lab	$752,590	$786,000	$814,000	$844,000	$874,000	$905,000
Dry Creek WWTP	$9,458,503	$9,761,000	$10,108,000	$10,467,000	$10,827,000	$11,200,000
Pleasant Grove WWTP	$9,098,135	$9,169,000	$9,502,000	$9,848,000	$10,199,000	$10,563,000
Wastewater Collection	$6,258,200	$7,182,000	$7,498,000	$7,739,000	$8,256,000	$8,522,000
Wastewater Maintenance	$1,328,299	$2,723,000	$2,928,000	$3,022,000	$3,150,000	$3,251,000
Wastewater Outreach	$197,500	$205,000	$214,000	$222,000	$231,000	$240,000
Wastewater UEC	$181,222	$237,000	$264,000	$273,000	$289,000	$299,000
Wastewater EU Admin	$786,762	$1,038,000	$1,107,000	$1,142,000	$1,179,000	$1,217,000
Wastewater EU Outreach	$90,741	$70,000	$72,000	$75,000	$78,000	$81,000
Wastewater EU Tech Serv	$1,071,185	$1,259,000	$1,453,000	$1,499,000	$1,622,000	$1,673,000
Wastewater EAM Support and Maintenance	$108,647	$105,000	$109,000	$113,000	$117,000	$121,000
Non-Classified	$860,841	$2,103,000	$1,646,000	$1,728,000	$1,815,000	$1,905,000
Retiree Payments	$565,790	$583,000	$600,000	$618,000	$637,000	$656,000
Subtotal Operating Expenses	$34,174,894	$39,092,000	$40,352,000	$41,686,000	$43,636,000	$45,145,000

Reserves

The wastewater utility incorporates similar reserves as the water utility. These reserves help mitigate risks to the utility by ensuring sufficient cash is on hand for daily operations and to fund annual system improvements. In addition, these reserves help smooth rates and mitigate rate spikes due to emergencies or above-average system costs. The most recent adopted reserve policies identify each reserve's function. Table 46 summarizes the minimum reserve requirements and the ideal funding targets of each reserve.

Table 46: Wastewater Reserve Requirements and Targets

Reserve	Minimum Requirement	Reserve Target
Operating	90 days of operating costs	180 days of operating costs
Rehabilitation	1% of Asset Value	-
Rate Stabilization	50% of next year's operating expenses	-

The reserve balance as of July 1, 2020 equaled approximately $51.8M.

Financial Outlook at Existing Rates

Calculating revenue using existing rates and projecting expenses helps determine the current financial health of the utility. Revenues from existing rates are sufficient to fund O&M through FY 2025; however, FY 2026 expenses outpace revenues. Only a portion of the system needs can be funded with projected net operating income resulting in the use of reserves to cover the remaining capital costs. Figure 16 illustrates the operating position of the utility, where O&M expenses are identified with the dashed red trendline, and total revenues at existing rates are shown by the horizontal black trendline. The bars represent the amount of net operating income available. Figure 17 reflects the projected ending balances of reserves after funding operating and capital projects through the Financial Plan Period. By FY 2023, reserves are below the minimum target.

Figure 16: Wastewater Current Operating Financial Position

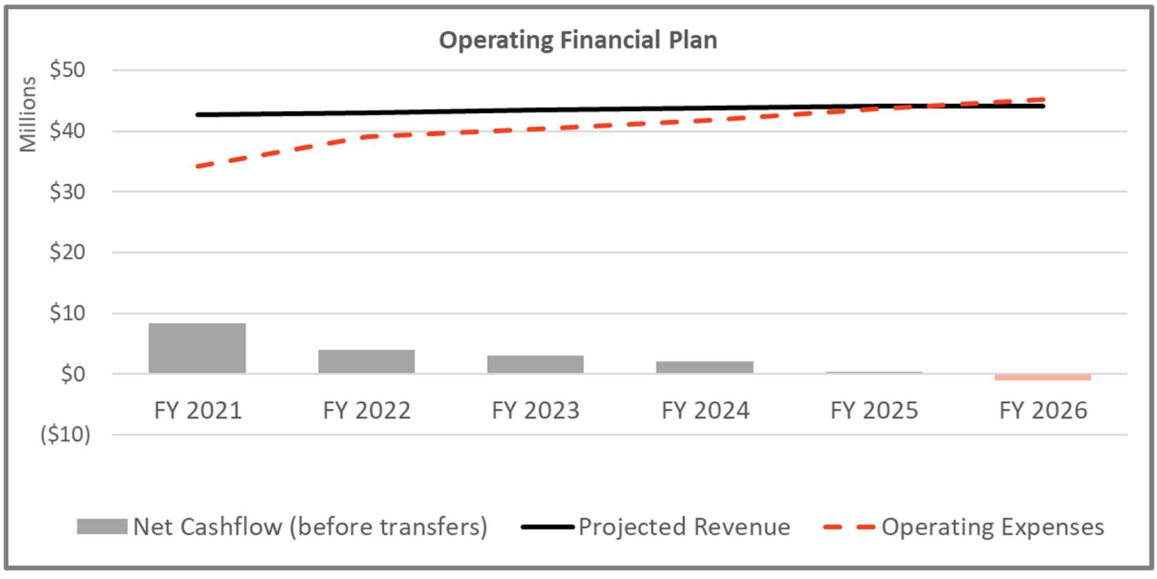
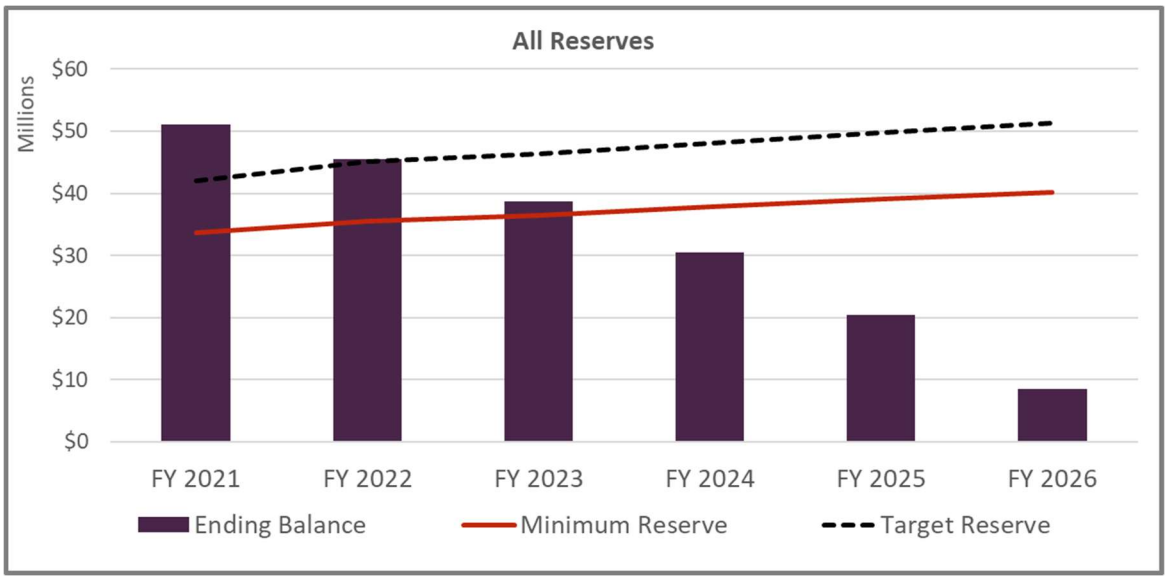


Figure 17: Wastewater Projected Ending Reserves at Existing Rates



Proposed Financial Plan – Wastewater Utility

From the financial outlook at existing rates, a proposed financial plan can be developed to adequately fund the multi-year revenue requirements, while meeting reserve requirements. Based on funding the capital plan over the Rate Setting Period and ensuring reserves meet minimum targets, Table 47 forecasts projected revenues and expenses over the Rate Setting Period, including projected revenue adjustments outside the Rate Setting Period for FY 2024 through FY 2026.

Table 47: Wastewater Proposed Financial Plan – Forecasted Revenues

Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Monthly Service Charge	$31,486,695	$31,793,000	$32,103,000	$32,416,000	$32,723,000	$32,723,000
Variable Revenues	$3,879,259	$4,008,000	$4,048,000	$4,089,000	$4,089,000	$4,089,000
Total Rate Revenue	**$35,365,954**	**$35,801,000**	**$36,151,000**	**$36,505,000**	**$36,812,000**	**$36,812,000**
Additional Revenue *(from revenue adjustments)*:						
Fiscal Year				*Greyed out cells - not part of Prop. 218 Notice*		
FY 2022		$2,148,000	$2,169,000	$2,190,000	$2,209,000	$2,209,000
FY 2023			$2,299,000	$2,322,000	$2,341,000	$2,341,000
FY 2024				*$2,461,000*	*$2,482,000*	*$2,482,000*
FY 2025					*$2,631,000*	*$2,631,000*
FY 2026						*$2,789,000*
Total Additional Revenue	$0	$2,148,000	$4,468,000	$6,973,000	$9,663,000	$12,452,000
Projected Rate Revenues	$35,365,954	**$37,949,000**	**$40,619,000**	**$43,478,000**	**$46,475,000**	**$49,264,000**
Other Revenue						
Other Fees	$6,680,000	$6,680,000	$6,680,000	$6,680,000	$6,680,000	$6,680,000
Charges for Services	$2,879	$3,000	$3,000	$3,000	$3,000	$3,000
Use of Property and Money	$515,051	$515,000	$515,000	$515,000	$515,000	$515,000
Capital Contributions	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000
Other Revenue	$83	$0	$0	$0	$0	$0
Subtotal Other Revenue	**$7,238,013**	**$7,238,000**	**$7,238,000**	**$7,238,000**	**$7,238,000**	**$7,238,000**
Total Revenues	**$42,603,967**	**$45,187,000**	**$47,857,000**	**$50,716,000**	**$53,713,000**	**$56,502,000**
Operating Expenses						
Wastewater UBS - Admin	$175,851	$287,000	$295,000	$303,000	$387,000	$398,000
Wastewater UBS - Field	$219,034	$241,000	$295,000	$301,000	$352,000	$360,000
Wastewater UBS - Billing	$422,923	$464,000	$480,000	$496,000	$487,000	$504,000
Wastewater UBS - Cust Serv	$209,697	$306,000	$297,000	$225,000	$259,000	$264,000
Water Administration	$80,539	$0	$0	$0	$0	$0
Wastewater Administration	$2,164,946	$2,413,000	$2,505,000	$2,601,000	$2,701,000	$2,805,000
Industrial Treatment	$143,489	$160,000	$165,000	$170,000	$176,000	$181,000
Environmental Treatment Lab	$752,590	$786,000	$814,000	$844,000	$874,000	$905,000
Dry Creek WWTP	$9,458,503	$9,761,000	$10,108,000	$10,467,000	$10,827,000	$11,200,000
Pleasant Grove WWTP	$9,098,135	$9,169,000	$9,502,000	$9,848,000	$10,199,000	$10,563,000
Wastewater Collection	$6,258,200	$7,182,000	$7,498,000	$7,739,000	$8,256,000	$8,522,000
Wastewater Maintenance	$1,328,299	$2,723,000	$2,928,000	$3,022,000	$3,150,000	$3,251,000
Wastewater Outreach	$197,500	$205,000	$214,000	$222,000	$231,000	$240,000
Wastewater UEC	$181,222	$237,000	$264,000	$273,000	$289,000	$299,000
Wastewater EU Admin	$786,762	$1,038,000	$1,107,000	$1,142,000	$1,179,000	$1,217,000
Wastewater EU Outreach	$90,741	$70,000	$72,000	$75,000	$78,000	$81,000
Wastewater EU Tech Serv	$1,071,185	$1,259,000	$1,453,000	$1,499,000	$1,622,000	$1,673,000
Wastewater EAM Support and Maintenance	$108,647	$105,000	$109,000	$113,000	$117,000	$121,000
Non-Classified	$860,841	$2,103,000	$1,646,000	$1,728,000	$1,815,000	$1,905,000
Retiree Payments	$565,790	$583,000	$600,000	$618,000	$637,000	$656,000
Subtotal Operating Expenses	**$34,174,894**	**$39,092,000**	**$40,352,000**	**$41,686,000**	**$43,636,000**	**$45,145,000**
Operating Net Income	**$8,429,073**	**$6,095,000**	**$7,505,000**	**$9,030,000**	**$10,077,000**	**$11,357,000**
Wastewater Enterprise Transfers						
Transfers (to)/from Rehabilitation Fund	($8,471,114)	($8,471,124)	($8,471,229)	($8,471,244)	($8,471,364)	($8,471,403)
Transfers (to)/from Rate Stabilization Fund	($1,250,000)	$2,250,000	$1,000,000	($500,000)	($500,000)	($500,000)
Total Wastewater Enterprise Transfers	**($9,721,114)**	**($6,221,124)**	**($7,471,229)**	**($8,971,244)**	**($8,971,364)**	**($8,971,403)**
Other City Dept Transfers						
Transfers (to)/from Water Operations Fund	($686,545)	($686,545)	($686,545)	($686,545)	($686,545)	($686,545)
Transfers (to)/from Water Rehabilitation Fund	($38,886)	($38,876)	($38,771)	($38,756)	($38,636)	($38,488)
Transfers (to)/from Recycled Operations Fund	$422,400	$443,520	$465,696	$488,981	$513,430	$539,101
Total Other City Dept Transfers	**($303,031)**	**($281,901)**	**($259,620)**	**($236,320)**	**($211,751)**	**($185,932)**
Net Cashflow	**($1,595,072)**	**($408,025)**	**($225,849)**	**($177,564)**	**$893,885**	**$2,199,665**

Figure 18 identifies the operating position based on the proposed financial plan, and Figure 19 shows the capital plan with funding sources. Figure 20 identifies the ending reserve balance, after direct transfers to the rehabilitation fund for capital expenses.

Figure 18: Wastewater Proposed Operating Position

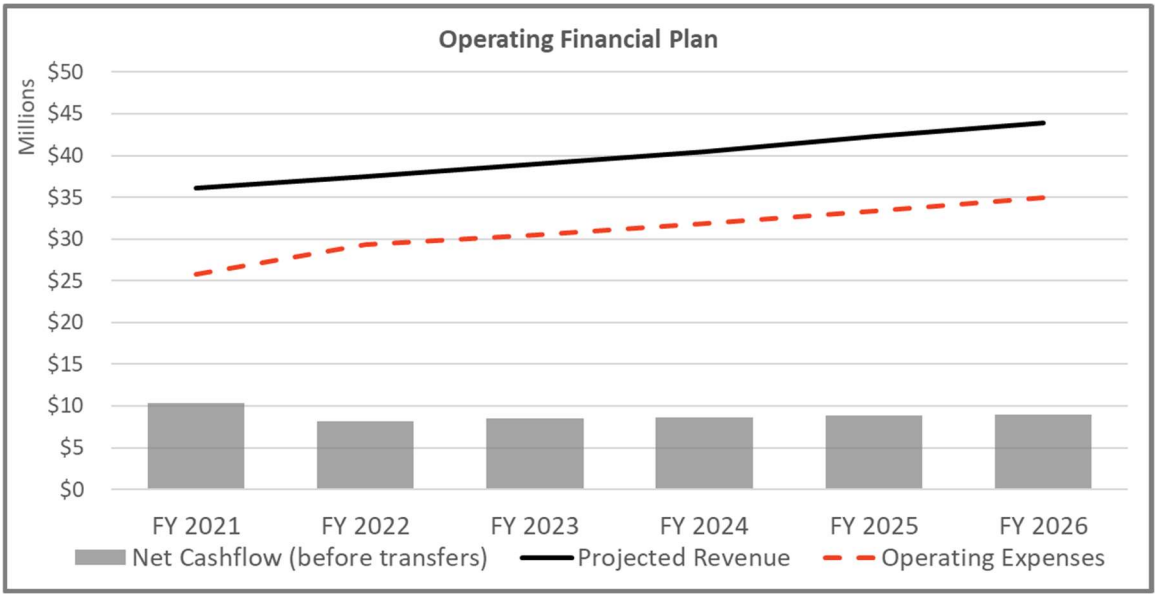


Figure 19: Wastewater Capital Improvement Plan with Funding Sources

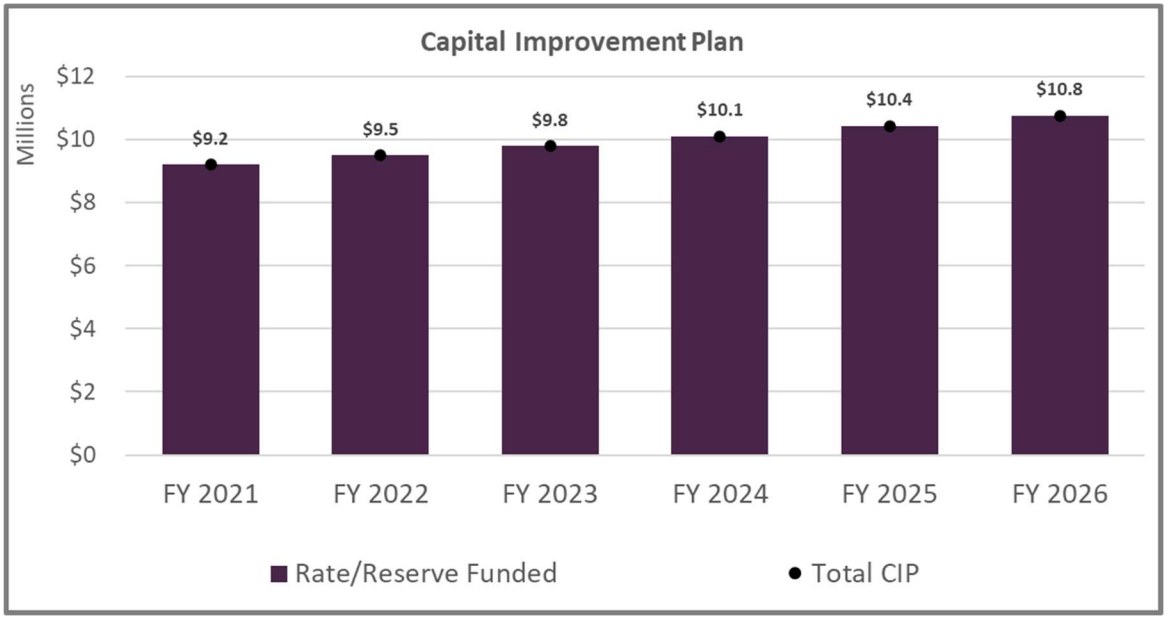
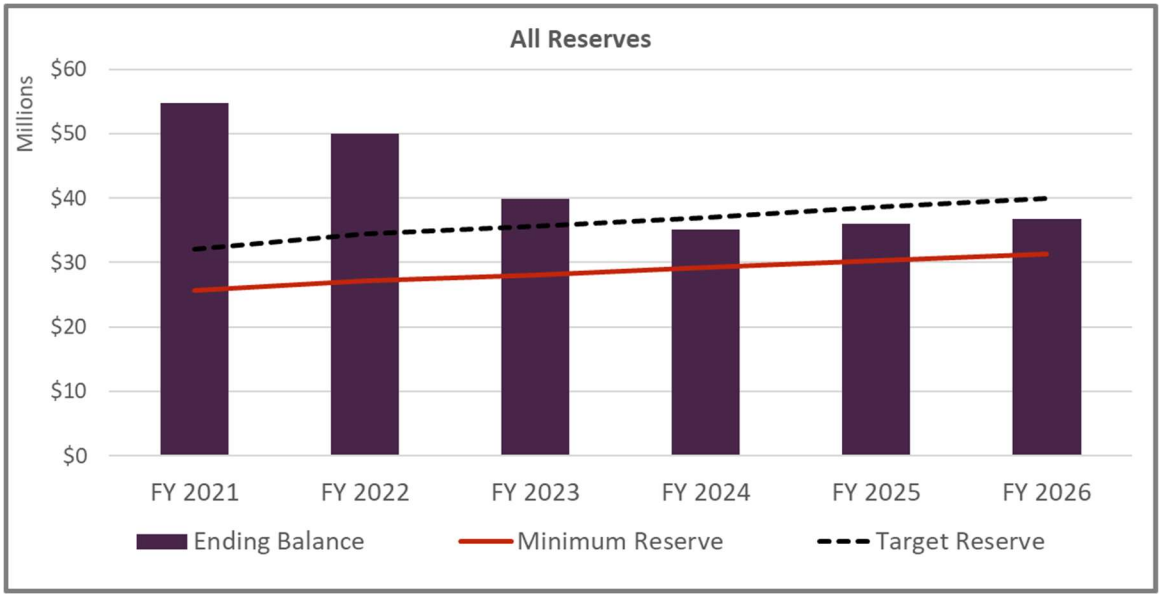


Figure 20: Wastewater Proposed Ending Reserves



Cost of Service Analysis – Wastewater Utility

Cost of Service Process

The next step in developing wastewater rates is to perform a cost of service analysis. Through this process, costs incurred are allocated to customer classes based on their proportional share. As a result, proposed rates are cost-based and reflect the costs incurred to provide service to customers.

Revenue Requirements

FY 2022 revenue requirements were used for the cost of service analysis. Revenue requirements include O&M expenses, treatment plant expenses, available revenue offsets, non-rate revenues, and reserve funding. The proposed revenue adjustments and corresponding rates accumulate the necessary funding over the Rate Setting Period to fund O&M, capital projects and comply with minimum reserve requirements. The results of the financial plan analysis are summarized in Table 48 and represent the revenue required from rates for FY 2022.

Table 48: FY 2022 Wastewater Revenue Requirements

Revenue Requirements	Total
Operations & Maintenance	
Wastewater UBS - Admin	$287,000
Wastewater UBS - Field	$241,000
Wastewater UBS - Billing	$464,000
Wastewater UBS - Cust Serv	$306,000
Wastewater Administration	$2,413,000
Industrial Treatment	$160,000
Environmental Treatment Lab	$786,000
Dry Creek WWTP	$9,761,000
Pleasant Grove WWTP	$9,169,000
Wastewater Collection	$7,182,000
Wastewater Maintenance	$2,723,000
Wastewater Outreach	$205,000
Wastewater UEC	$237,000
Wastewater EU Admin	$1,038,000
Wastewater EU Outreach	$70,000
Wastewater EU Tech Serv	$1,259,000
Wastewater EAM Support and Mai	$105,000
Non-Classified	$2,103,000
Retiree Payments	$583,000
Total District O&M	**$39,092,000**
Other Expenses	
Direct Transfers	$6,221,124
Other Transfers Out	$281,901
Total Other Expenses	**$6,503,025**
Revenue Offsets	
Other Fees	($6,680,000)
Charges for Services	($3,000)
Use of Property and Money	($515,000)
Capital Contributions	($40,000)
Total Revenue Offsets	**($7,238,000)**
Adjustments	
Reserve Funding	($408,025)
Total Adjustments	**($408,025)**
Revenue Required from Rates	**$37,949,000**

Define Cost Components

The utility incurs costs to accommodate total active accounts and total flow demand. Therefore, to determine the most appropriate way to recover the utility's expenses, cost components are identified and used to allocate expenses based on how they are incurred. Through a review of the revenue requirements and an understanding of the wastewater system, the cost of service allocation documented in this report is based on total accounts and billable flow (volume influent in ccf). Using this allocation approach, revenue requirements are allocated to the different customer classes proportionate to their use of the wastewater system.

The cost of service analysis accounts for system costs as a function of covering fixed costs and total volume of influent. The cost components shown in Figure 21 are used within the cost of service to allocate costs to customer classes in relation to the demand each place on the system.

Figure 21: Wastewater Cost Components



Account Services – Fixed expenses related to the collection system and treatment plants that do not necessarily fluctuate based on flow. Administration, utility billing services, and overhead costs are incurred based on having an account. In addition, a portion of maintenance is recovered as part of Account Services.
Flow – Expenses associated with the City's collection system and treatment plants. These costs include treatment, a portion of maintenance expenses, and reserve funding.

Allocate Expenses to Cost Components

When allocating expenses to the defined costs components, it is important identify which expenses were allocated to a fixed versus a variable or split between both fixed and variable. The distribution of expenses to the cost components should be straight-forward to ensure the method of apportionment is **understandable** and easily **correlates to how expenses are incurred**.

Table 49 summarizes the percent allocation of Operating and Maintenance to the cost components. The percentages shown in Table 49 were based on discussions with City staff. Table 50 uses the percent allocations in Table 49 to allocate expenses in dollars to each cost component.

Table 49: Wastewater O&M Expense Allocation to Cost Components (%)

Functionalized Expenses	Account Services	Flow	Total
Wastewater UBS - Admin	100.0%	0.0%	100.0%
Wastewater UBS - Field	100.0%	0.0%	100.0%
Wastewater UBS - Billing	100.0%	0.0%	100.0%
Wastewater UBS - Cust Serv	100.0%	0.0%	100.0%
Wastewater Administration	100.0%	0.0%	100.0%
Industrial Treatment	0.0%	100.0%	100.0%
Environmental Treatment Lab	100.0%	0.0%	100.0%
Dry Creek WWTP	0.0%	100.0%	100.0%
Pleasant Grove WWTP	0.0%	100.0%	100.0%
Wastewater Collection	25.0%	75.0%	100.0%
Wastewater Maintenance	25.0%	75.0%	100.0%
Wastewater Outreach	100.0%	0.0%	100.0%
Wastewater UEC	100.0%	0.0%	100.0%
Wastewater EU Admin	100.0%	0.0%	100.0%
Wastewater EU Outreach	100.0%	0.0%	100.0%
Wastewater EU Tech Serv	100.0%	0.0%	100.0%
Wastewater EAM Support and Maintenance	100.0%	0.0%	100.0%
Non-Classified	100.0%	0.0%	100.0%
Retiree Payments	100.0%	0.0%	100.0%

Table 50: Wastewater O&M Expense Allocation to Cost Components ($)

Functionalized Expenses	Account Services	Flow	Total
Wastewater UBS - Admin	$287,000	$0	$287,000
Wastewater UBS - Field	$241,000	$0	$241,000
Wastewater UBS - Billing	$464,000	$0	$464,000
Wastewater UBS - Cust Serv	$306,000	$0	$306,000
Wastewater Administration	$2,413,000	$0	$2,413,000
Industrial Treatment	$0	$160,000	$160,000
Environmental Treatment Lab	$786,000	$0	$786,000
Dry Creek WWTP	$0	$9,761,000	$9,761,000
Pleasant Grove WWTP	$0	$9,169,000	$9,169,000
Wastewater Collection	$1,795,500	$5,386,500	$7,182,000
Wastewater Maintenance	$680,750	$2,042,250	$2,723,000
Wastewater Outreach	$205,000	$0	$205,000
Wastewater UEC	$237,000	$0	$237,000
Wastewater EU Admin	$1,038,000	$0	$1,038,000
Wastewater EU Outreach	$70,000	$0	$70,000
Wastewater EU Tech Serv	$1,259,000	$0	$1,259,000
Wastewater EAM Support and Maintenance	$105,000	$0	$105,000
Non-Classified	$2,103,000	$0	$2,103,000
Retiree Payments	$583,000	$0	$583,000
Total Allocation ($)	$12,573,250	$26,518,750	$39,092,000
O&M Allocation (%)	32.2%	67.8%	100.0%

Table 51 summarizes Other Funding, which includes direct transfers, revenue offsets, and reserve funding. All functional expenses under Other funding were allocated to the flow except for "Charges for Services" which was allocated 100% to Account Services. Table 52 uses the percent allocations in Table 51 to allocate expenses in dollars to each cost component.

Table 51: Wastewater Other Funding to Cost Components (%)

Functionalized Expenses	Account Services	Flow	Total
Direct Transfers	0.0%	100.0%	100.0%
Other Transfers Out	0.0%	100.0%	100.0%
Other Fees	0.0%	100.0%	100.0%
Charges for Services	100.0%	0.0%	100.0%
Use of Property and Money	0.0%	100.0%	100.0%
Capital Contributions	0.0%	100.0%	100.0%
Reserve Funding	0.0%	100.0%	100.0%

Table 52: Wastewater Other Funding to Cost Components ($)

Functionalized Expenses	Account Services	Flow	Total
Direct Transfers	$0	$6,221,124	$6,221,124
Other Transfers Out	$0	$281,901	$281,901
Other Fees	$0	($6,680,000)	($6,680,000)
Charges for Services	($3,000)	$0	($3,000)
Use of Property and Money	$0	($515,000)	($515,000)
Capital Contributions	$0	($40,000)	($40,000)
Reserve Funding	$0	($408,025)	($408,025)
Total Allocation ($)	($3,000)	($1,140,000)	($1,143,000)

Table 53 summarizes the wastewater revenue requirements of the City for FY 2022.

Table 53: FY 2022 Wastewater Cost of Service Requirements

Revenue Requirements	Account Services	Flow	Total
Operating & Maintenance	$12,573,250	$26,518,750	$39,092,000
Other Funding	($3,000)	($1,140,000)	($1,143,000)
Total	$12,570,250	$25,378,750	$37,949,000

Rate Design – Wastewater Utility

Develop Units of Service

Residential winter water usage was used to estimate the projected residential flow as shown in Table 55. Actual water usage was reduced by 90% to account for any outdoor usage that still occurs in winter (i.e., water not returning to the treatment plant). Line 3 converts the projected flow from gpcd to annual ccf per person. Residential homes in the Roseville area have approximately 2.7 people per household (Department of Finance 2020 E-5 report). The final projected flow from residential customers was calculated by taking the product of annual ccf, pph, and number of residential dwelling units (25.25 x 2.7 x 59,963 = 4,091,100 ccf). The total projected residential flow translates to an expected monthly flow per residential dwelling unit of 5.6 ccf (4,091,100 ccf / 59,963 = 5.6 ccf or 560 cubic feet).

Table 54: Residential Projected Flows

Line #	Residential Flow	Assumptions [A]	Annual [B]	CCF [C]	Formula
1	capita per day	58 gpcd			
2	Return Factor	90%			
3	capita per day	52 gpcd	18,889	25.25	(A3 x B3) / 748.05
4	tial household	2.70 pph			
5	sidential Units	59,963			
6	Projected Residential Flow			4,091,078	C3 x A4 x A5

Commercial customer flows were determined by estimating flow return factors. To determine the appropriate flow return factor for commercial, the amount of FY 2020 influent to the wastewater plants from Roseville customers was reduced by infiltration/inflow (known as I/I, which is a measure of the amount of water that enters the collection system that is not sewage, such as stormwater or groundwater that infiltrates into the collection system), and less the projected flow from residential derived in Table 55. The remainder is the estimated amount generated by Commercial customers. Table 55 provides the calculations used to derive a return factor for Commercial customers using FY 2020 data.

Table 55: Non-Residential Projected Flows

Flow Assumptions		FY 2020
Total Treated Flow		5,257,602
Less: Inflow and Infiltration (I&I)	6.0%	(315,487)
Less: Projected Residential Flow	Table 53 - Line 6	(4,091,078)
Projected Commercial Flow		851,038

Customer Class	FY 2020 Water Usage [A]	Return Factor [B]	Calculated Commercial Flow [C] = A x B
Commerical	964,196	88%	848,492

Applying a return factor of 88% against Commercial water usage generates a calculated flow of 848,492 ccf, which is in-line with what is expected when compared to the amount of projected treated flow from Commercial.

Applying the return factor to the Commercial projected water usage for FY 2022 generates a total projected flow of 949,856 ccf. However, we must also determine the billable flow of Commercial customers because all customers are charged a monthly fixed charge that includes a flow component equal to the amount of flow per residential dwelling unit of 5.6 ccf or 560 cubic feet. Therefore, Commercial customers are not billed for the first 560 cubic feet of water usage. Table 56 summarizes Commercial projected water usage, projected flow by applying the 88% return factor, and billable consumption that accounts for the 560 cubic feet already included within the fixed charge.

Table 56: Commercial Water Usage, Flow Return, and Billable Water Usage

Customer Class	FY 2022 Water Usage (ccf)	Return Factor	FY 2022 Projected Flow (ccf)	Billable Consumption (ccf)
Commercial	1,079,382	88%	949,856	992,466

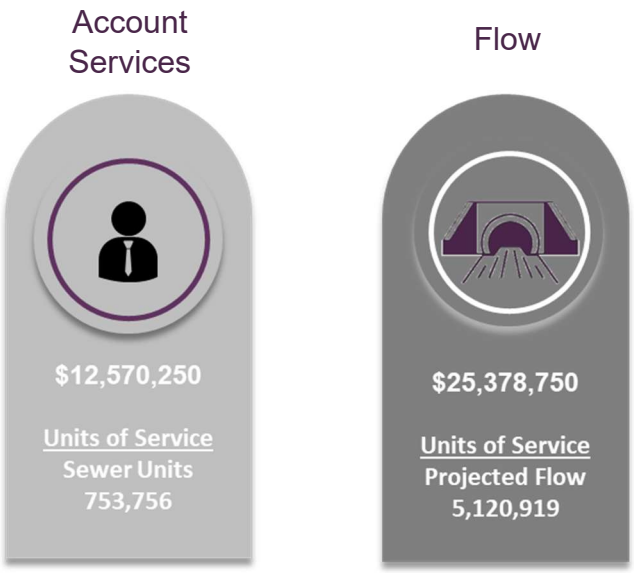
Unit rates for the cost components are derived by identifying the units of service for each cost component (distribution basis). Units of service to apportion wastewater costs include total accounts, total sewer units, projected flow, and billable consumption for Commercial. Sewer units capture total dwelling units associated with wastewater accounts. Table 57 summarizes the units of service available for wastewater with annual units representing the Total listed in line 3 multiplied by 12 billing periods. .

Table 57: Wastewater Units of Service

Customer Class	Number of Accounts	Sewer Units	FY 2022 Water Usage (ccf)	Return Factor	FY 2022 Projected Flow (ccf)	Billable Consumption (ccf)
Residential	45,372	61,135			4,171,062	
Commercial	1,572	1,678	1,079,382	88%	949,856	992,466
Total	46,944	62,813			5,120,919	992,466
Annual Units	563,328	753,756			5,120,919	992,466

With the units of service shown in Table 57, the distribution basis can be identified for each cost component. Figure 22 identifies the total revenue requirements by cost component from Table 53 and the corresponding units of service.

Figure 22: Wastewater Distribution Basis and Units of Service by Cost Component



Allocate to Customer Class

Using the FY 2022 revenue requirements, the cost of service allocates expenses to customer classes based on the service demands that each place on the system (cost causation). Using this approach provides a clear connection between costs incurred and the proportionate share attributable to each customer class. When designing rates, the most critical component is to connect costs to the proposed rates, resulting in a cost-

based rate structure in compliance with Proposition 218. In the previous section, costs were summarized by expense category and allocated to cost components based on how each cost is incurred. The next step in designing rates is to allocate each cost component to customers in relation to their use of the system and facilities. This ensures that each customer proportionately shares in the financial obligation of the wastewater utility. For the following unit rate computations, unit rates were rounded up to the nearest penny.

Fixed Cost Recovery

Account Services

Account Service costs are spread equally across all sewer units. Therefore, the revenue requirement for Account Services is apportioned based on the annual sewer units to determine the monthly unit cost of service shown in Table 58.

Table 58: FY 2022 Wastewater Account Services Monthly Unit Rate

Account Services Component - Unit Rate	
Revenue Requirement	$12,570,250
÷ Annual Sewer Units	753,756
	$16.68

Customer Class	Sewer Units [A]	% Allocation [B] = A as a %	Revenue Requirement [C]
Residential	733,620	97.33%	$12,234,446
Commercial	20,136	2.67%	$335,804
Total	753,756	100%	$12,570,250

Variable Cost Recovery

The remaining cost component is allocated between customer classes based on the total projected flow. The amount allocated to Residential is converted to a monthly flat charge as residential indoor use stays relatively constant throughout the year. The amount allocated to Commercial is recovered over Billable Consumption.

Flow

Flow costs are a function of total volume conveyed through the collection system and treated at the plant. Therefore, the revenue requirement for Flow is apportioned to each customer class based on their percentage of total Projected Flow as summarized within Table 59. Table 60 derives the Residential monthly flat charge which is the sum of the fixed component and variable component. The cost of service analysis identified a projected flow of approximately 5.6 ccf per residential sewer unit and is the basis for the variable monthly charge. Through discussions with City Staff, the fixed charge derived in Table 60 is applied to all sewer units. Table 61 derives the variable rate for Commercial accounts, which accounts for the amount of flow already captured in the fixed charge. The portion of commercials flow requirements that will be recovered as part of the fixed charge is $567,432 ($28.18 from Table 60 – [E] x 20,136 sewer units = $567,432). Table 61 summarizes the resulting fixed and variable rate for Commercial customers.

Table 59: FY 2022 Wastewater Flow by Customer Class

Customer Class	Projected Flow [A]	% Allocation [B] = A as a %	Revenue Requirement [C]
Residential	4,171,062	81.45%	$20,671,360
Commercial	949,856	18.55%	$4,707,390
Total	5,120,919	100%	$25,378,750

Table 60: FY 2022 Wastewater Residential Flat Monthly Charges

Customer Class	Annual Sewer Units [A]	Account Services Revenue Requirement [B]	Flow Revenue Requirement [C]	Proposed Fixed Monthly Charge [D] = B / A	Proposed Variable Monthly Charge [E] = C / A	Total Proposed Flat Monthly Charge [F] = D + E
Residential	733,620	$12,234,446	$20,671,360	$16.68	$28.18	**$44.86**

Table 61: Wastewater Monthly Fixed Charge and Variable Rate for Commercial

Commercial	Allocated Revenue Requirement [A]	Variable Monthly Fixed Charge [B]	Adj. Revenue Requirement [C] = A + B	Units of Service [D]	Description	Proposed Rates [E] = C / D
Fixed	$335,804	$567,432	$903,237	20,136	(annual sewer units)	**$44.86**
Variable	$4,707,390	-$567,432	$4,139,958	992,466	(billable usage)	**$4.17**

Cost-Based Wastewater Rate Schedule

Proposed Charges

Table 62 provides the two-year wastewater rate schedule through FY 2023. For FY 2023, the 6% revenue adjustment is applied across-the-board to the cost of service rates derived for FY 2022 while accounting for growth and increased flows.

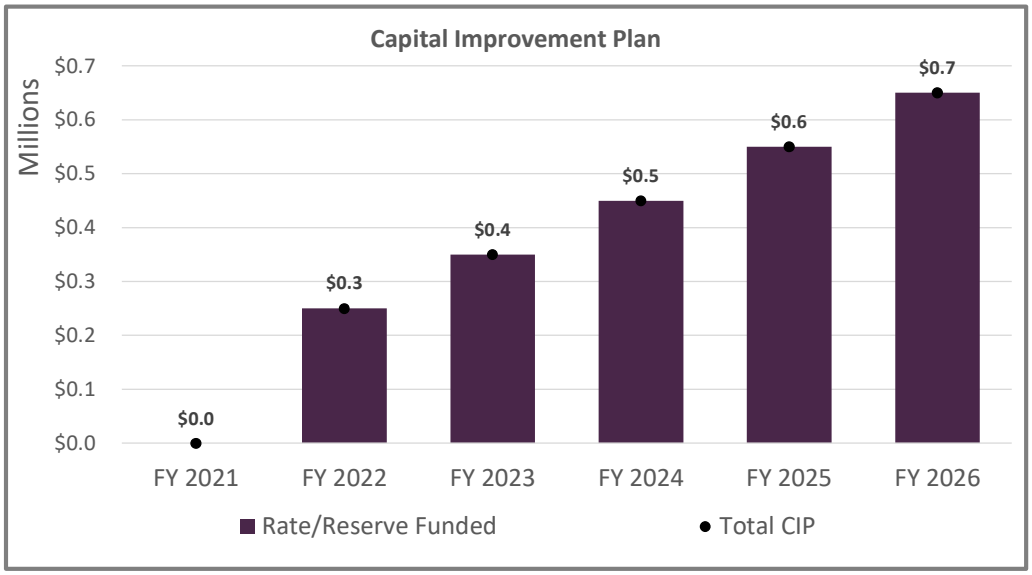
Table 62: Proposed Wastewater Fixed Charges and Variable Rates

Wastewater Rates		
Customer Class	FY 2022	FY 2023
Fixed Monthly Charge ($/month)		
Residential	$44.86	$47.56
Commercial	$44.86	$47.56
Variable Rate ($/ccf)		
Commercial	$4.17	$4.43

Recycled Water

The wastewater system produces recycled water that delivers approximately one billion gallons of recycled water annually. The City plans to ramp up its reinvestment in the recycled water system and develop a distribution replacement program that keeps up with its asset depreciation. The increase in capital spending will gradually build up over the years, starting at $250k in FY 2022 and reaching $650k by FY 2026. Figure 23 shows the City's capital plan through the Financial Plan Period.

Figure 23: Recycled Capital Improvement Plan



Customers

As of July 1, 2020, The City serves a total of 160 recycled accounts as shown in Table 63 by meter size.

Table 63: Recycled Accounts by Meter Size

Meter Size	Number of Accounts
3/4"	7
1"	8
1 1/2"	25
2"	75
3"	25
4"	10
6"	5
8"	3
10"	2
Total	160

The current recycled rate structure consists of monthly fixed charges and a uniform variable rate. Existing meter charges and variable rate are identified in Table 64.

Table 64: FY 2021 Recycled Water Fixed Charges and Variable Rate

Existing	
Meter Size	($/Month)
3/4"	$16.85
1"	$26.00
1 1/2"	$48.88
2"	$76.33
3"	$163.28
4"	$291.40
6"	$597.98
8"	$1,284.37
10"	$1,924.99
Variable Rate	($/ccf)
Uniform	$0.67

Financial Plan Overview – Recycled Utility

Financial Planning Assumptions

Similar to the other utilities, certain assumptions are required for projecting revenues, expenses, and expected ending fund balances. Table 65 identifies assumptions used for forecasting revenues. Table 66 identifies assumptions used for forecasting increases in expenses through the Financial Plan Period.

Table 65: Recycled Assumptions for Forecasting Revenues

Key Assumptions	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenue Escalation					
Non-Inflated	0.0%	0.0%	0.0%	0.0%	0.0%
Non-Rate Revenues	2.0%	2.0%	2.0%	2.0%	2.0%
Reserve Interest	0.5%	0.5%	0.5%	0.5%	0.5%
Sales					
Recycled Water (ccf)	1,272,107	1,272,107	1,272,107	1,272,107	1,272,107

Table 66: Recycled Assumptions for Forecasting Expense Requirements

Key Assumptions	Notes:	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Expenditure Escalation						
Benefits		3.0%	3.0%	3.0%	3.0%	3.0%
Capital	*ENR 20-City 20-Year Average*	3.2%	3.2%	3.2%	3.2%	3.2%
Utilities		5.0%	5.0%	5.0%	5.0%	5.0%
General Costs		4.0%	4.0%	4.0%	4.0%	4.0%
Non-Inflated		0.0%	0.0%	0.0%	0.0%	0.0%
Pers / OPEB		5.0%	5.0%	5.0%	5.0%	5.0%
Salaries		3.0%	3.0%	3.0%	3.0%	3.0%
Indirect		5.0%	5.0%	5.0%	5.0%	5.0%
Treatment		2.0%	2.0%	2.0%	2.0%	2.0%

Current Financial Position

Revenues

Based on the forecasting assumptions, revenues were calculated using existing recycled rates, account data, and recycled water usage. Table 67 shows the calculated revenues for FY 2021 through the Financial Plan Period. The detailed calculations can be found in the rate model on file with the City. Table 68 provides a summary of calculated rate revenues (rounded to thousands) and other non-rate revenues available through the Financial Plan Period. Non-rate revenues increase over the Financial Plan Period using the inflation factor in Table 65.

Table 67: Recycled Calculated Rate Revenues

Calculated Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Calculated Rate Revenues						
Monthly Service Charge Revenue	$299,540	$299,540	$299,540	$299,540	$299,540	$299,540
Variable Revenues	$852,312	$852,312	$852,312	$852,312	$852,312	$852,312
Total Rate Revenue	$1,151,852	$1,151,852	$1,151,852	$1,151,852	$1,151,852	$1,151,852

Table 68: Projected Recycled Revenues

Revenue Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Monthly Service Charge Revenue	$299,540	$300,000	$300,000	$300,000	$300,000	$300,000
Variable Revenues	$852,312	$852,000	$852,000	$852,000	$852,000	$852,000
Subtotal Rate Revenue	$1,151,852	$1,152,000	$1,152,000	$1,152,000	$1,152,000	$1,152,000
Revenues						
Licenses and Permits	$1,984	$2,000	$2,000	$2,000	$2,000	$2,000
Other Fees	$37,739	$38,000	$38,000	$38,000	$38,000	$38,000
Capital Contributions	$36,652	$37,000	$37,000	$37,000	$37,000	$37,000
Other Revenue	$1,225	$1,000	$1,000	$1,000	$1,000	$1,000
Subtotal Revenues	$77,600	$78,000	$78,000	$78,000	$78,000	$78,000
Total Revenues	$1,229,452	$1,230,000	$1,230,000	$1,230,000	$1,230,000	$1,230,000

Expenses

The FY 2021 budget was used as the utility's baseline expenses and adjusted in subsequent years based on the escalation factors shown in Table 66. In addition, the City recently completed an independent valuation on staffing needs throughout the City and the results were captured within a long-term labor staffing forecast (labor forecast), which were incorporated into the O&M expense projections. Table 69 provides projected O&M expenses through the Financial Plan Period (rounded to thousands). Each expense category includes detailed line-item expenditures that were discussed with staff to determine the appropriate escalation factor to use for forecasting how costs will increase over time. Recycled water also pays a proportional share of electricity costs at the wastewater plants for tertiary treatment of influent.

Table 69: Projected Recycled O&M Expenses

Expenditure Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Operating Expenses						
Recycled Water	$448,338	$467,000	$601,000	$625,000	$649,000	$675,000
Allocated Electricity Costs	$422,400	$444,000	$466,000	$489,000	$513,000	$539,000
Subtotal Operating Expenses	$870,738	$911,000	$1,067,000	$1,114,000	$1,162,000	$1,214,000

Reserves

For financial planning, similar reserve targets for water and wastewater were used, with the exception of the rehabilitation fund. The rehabilitation target was set at a rolling 5-year average of upcoming capital due to the increase in capital spending planned. These reserves help mitigate risks to the utility by ensuring sufficient cash is on hand for daily operations and to fund annual system improvements. These reserves help smooth rates and mitigate rate spikes due to emergencies or above-average system costs. Table 70 summarizes the recommended minimum reserve requirements and the ideal funding targets of each reserve.

Table 70: Recycled Reserve Requirements and Targets

Reserve	Minimum Requirement	Reserve Target
Operating	90 days of operating costs	180 days of operating costs
Rehabilitation	5-year average of upcoming capital	-
Rate Stabilization	25% of next year's operating expenses	50% of next year's operating expenses

Financial Outlook at Existing Rates

Calculating revenue using existing rates and projecting expenses helps determines the current financial health of the utility. Revenues from existing rates are sufficient to fund O&M through FY 2026; however, by FY 2026, expenses are almost equivalent to revenues resulting in minimal net income . Only a portion of the system rehabilitation needs can be funded with projected net operating income resulting in the use of reserves to cover the remaining capital costs that are ramping up. By FY 2024, no reinvestments in the recycled system will be possible. Figure 24 illustrates the operating position of the utility, where O&M expenses are identified with the dashed red trendline, and total revenues at existing rates are shown by the horizontal black trendline. The bars represent the amount of net operating income available. Figure 25 reflects the projected ending balances of reserves after operating, and capital projects are funded through the Financial Plan Period.

Figure 24: Recycled Current Operating Financial Position

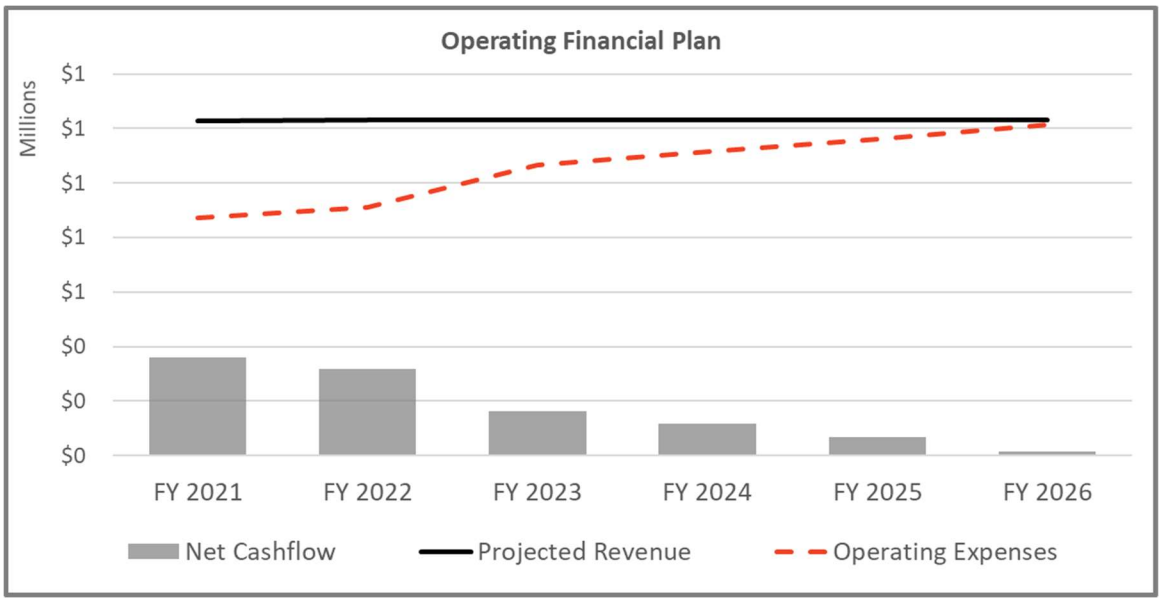
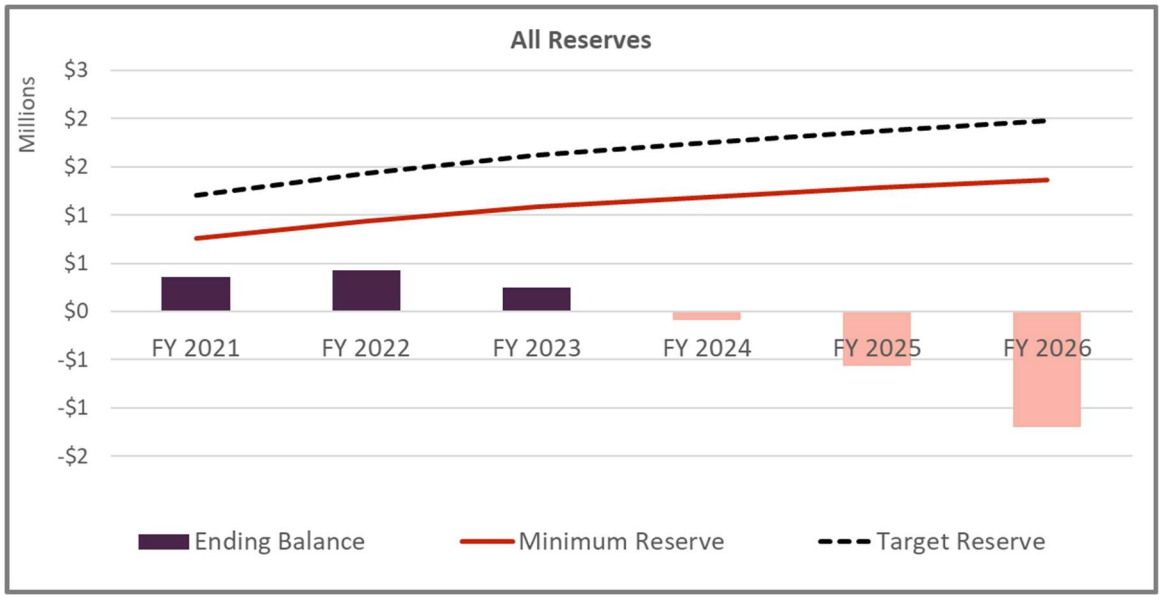


Figure 25: Recycled Projected Ending Reserves at Existing Rates



Proposed Financial Plan – Recycled Utility

From the financial outlook at existing rates, a proposed financial plan can be developed to adequately fund the multi-year revenue requirements while meeting reserve requirements. Based on funding the capital plan and ensuring reserves meet minimum targets over the Financial Plan Period, Table 71 forecasts projected revenues and expenses over the Rate Setting Period, including projected revenue adjustments outside the Rate Setting Period for FY 2024 through FY 2026.

Table 71: Recycled Proposed Financial Plan – Forecasted Revenues

Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Monthly Service Charge Revenue	$299,540	$300,000	$300,000	$300,000	$300,000	$300,000
Variable Revenues	$852,312	$852,000	$852,000	$852,000	$852,000	$852,000
Total Rate Revenue	$1,151,852	$1,152,000	$1,152,000	$1,152,000	$1,152,000	$1,152,000
Additional Revenue *(from revenue adjustments)*:						
Fiscal Year				*Greyed out cells - not a part of Prop. 218 Notice*		
FY 2022		$219,000	$219,000	$219,000	$219,000	$219,000
FY 2023			$274,000	$274,000	$274,000	$274,000
FY 2024				*$165,000*	*$165,000*	*$165,000*
FY 2025					*$181,000*	*$181,000*
FY 2026						*$80,000*
Total Additional Revenue	$0	$219,000	$493,000	$658,000	$839,000	$919,000
Projected Rate Revenues	**$1,151,852**	**$1,371,000**	**$1,645,000**	**$1,810,000**	**$1,991,000**	**$2,071,000**
Other Revenue						
Licenses and Permits	$1,984	$2,000	$2,000	$2,000	$2,000	$2,000
Other Fees	$37,739	$38,000	$38,000	$38,000	$38,000	$38,000
Capital Contributions	$36,652	$37,000	$37,000	$37,000	$37,000	$37,000
Other Revenue	$1,225	$1,000	$1,000	$1,000	$1,000	$1,000
Subtotal Other Revenue	**$77,600**	**$78,000**	**$78,000**	**$78,000**	**$78,000**	**$78,000**
Total Revenues	**$1,229,452**	**$1,449,000**	**$1,723,000**	**$1,888,000**	**$2,069,000**	**$2,149,000**
Operating Expenses						
Recycled Water	$448,338	$467,000	$601,000	$625,000	$649,000	$675,000
Allocated Electricity Costs	$422,400	$444,000	$466,000	$489,000	$513,000	$539,000
Subtotal Operating Expenses	**$870,738**	**$911,000**	**$1,067,000**	**$1,114,000**	**$1,162,000**	**$1,214,000**
Operating Net Income	**$358,714**	**$538,000**	**$656,000**	**$774,000**	**$907,000**	**$935,000**

Figure 26 identifies the operating position based on the proposed financial plan, and Figure 27 show the capital plan with funding sources. Figure 28 identifies the ending reserve balances.

Figure 26: Recycled Proposed Operating Position

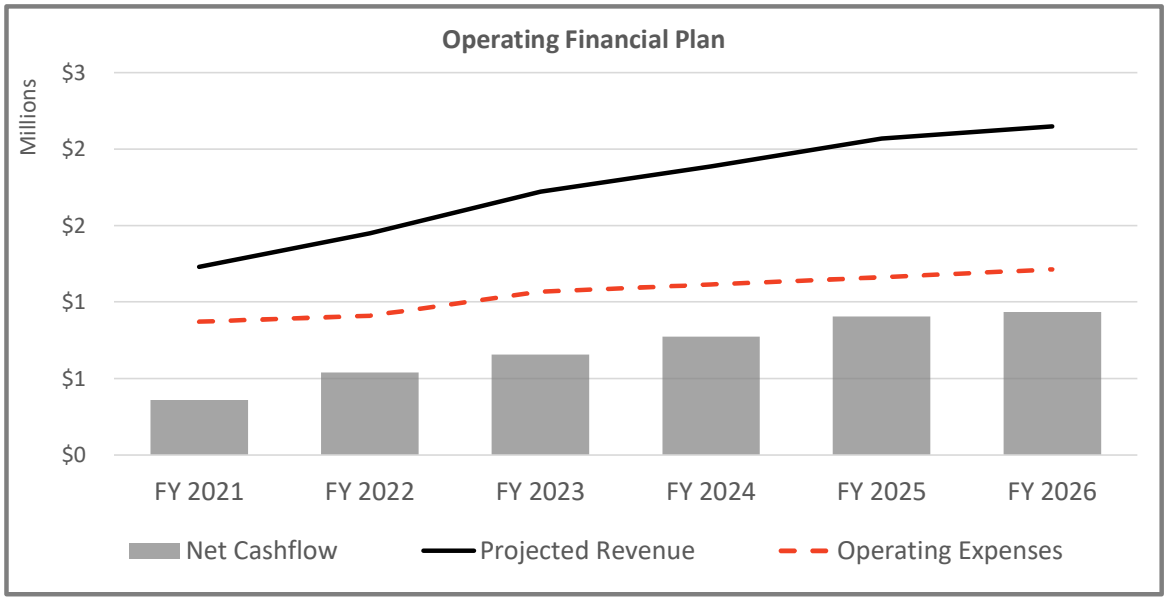


Figure 27: Recycled Capital Improvement Plan with Funding Sources

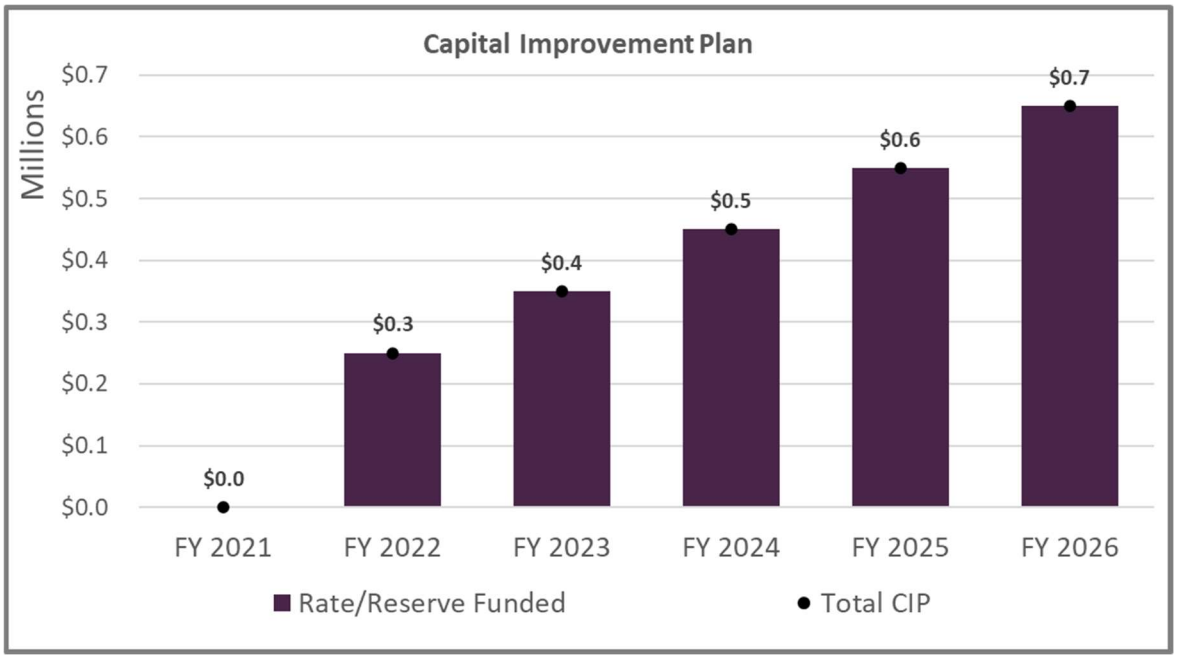
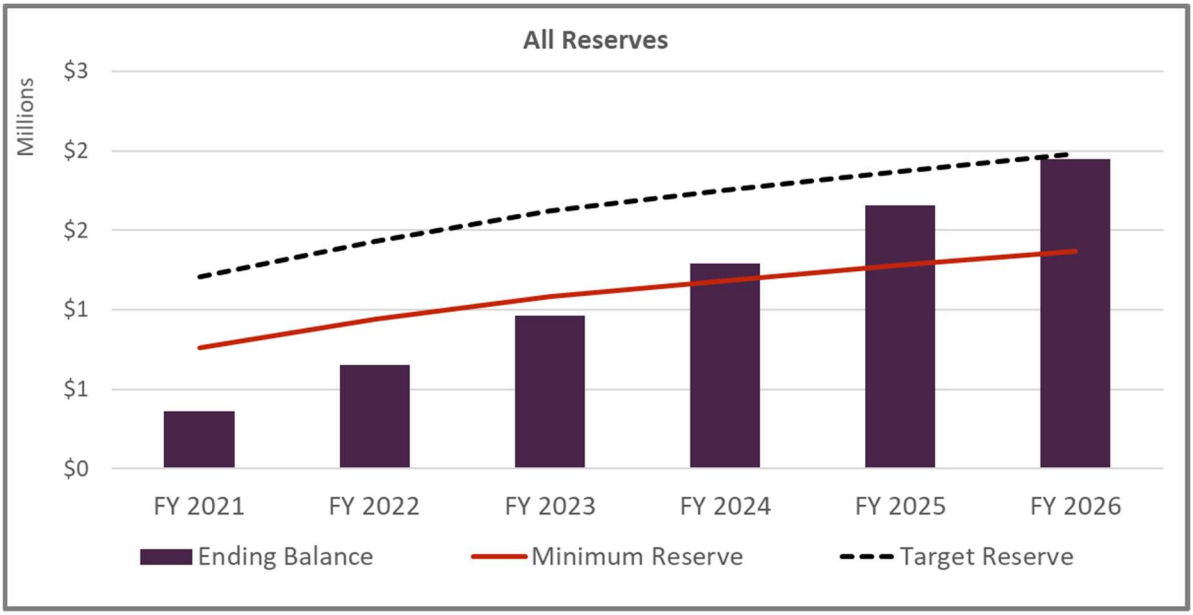


Figure 28: Recycled Proposed Ending Reserves



Cost of Service Analysis – Recycled Utility

Cost of Service Process

The next step in developing recycled rates is to perform a cost of service analysis. Through this process, costs incurred are allocated to customers based on their proportional share. As a result, proposed rates are cost-based and reflect the costs incurred to provide service to customers.

Revenue Requirements

FY 2022 revenue requirements were used for the cost of service analysis. Revenue requirements include O&M expenses, electricity expenses from the treatment plants, revenue offsets, and reserve funding. The proposed revenue adjustments and corresponding rates accumulate the necessary funding over the Financial Plan Period to fund O&M, capital projects, and comply with minimum reserve requirements; however, additional revenue adjustments outside the Rate Setting Period will be needed to meet these objectives. The results of the financial plan analysis are summarized in Table 72 and represent the revenue required from rates for FY 2022.

Table 72: FY 2022 Recycled Revenue Requirements

Revenue Requirements	Total
Operations and Maintenance	
Recycled Water	$467,000
Allocated Electricity Costs	$444,000
Total Operations and Maintenance	$911,000
Revenue Offsets	
Licenses and Permits	($2,000)
Other Fees	($38,000)
Capital Contributions	($37,000)
Other Revenue	($1,000)
Total Revenue Offsets	($78,000)
Adjustments	
Reserve Funding	$538,000
Total Adjustments	$538,000
Revenue Required from Rates	$1,371,000

Rate Design – Recycled Utility

Based on City policy, recycled fixed charges are set as a percent of potable meter charges and the remaining revenue requirement identified in Table 72 are recovered through the variable rate to cover the cost of providing service. For FY 2022, recycled meter charges are set to 60% of the proposed potable meter charges and, in FY 2023, recycled meter charges are set to 70%. The City plans to increase recycled fixed charges to equal potable fixed charges by FY 2026. The amount of annual revenues generated by the meter rates for each fiscal year are determined and then used to derive variable rates for FY 2022 and FY 2023, respectively.

Fixed Cost Recovery

Table 73 derives the FY 2022 recycled monthly meter charges based on 60% of potable meter charges and calculates total revenue generated by the proposed fixed charges.

Table 73: FY 2022 Recycled Monthly Meter Charges

Meter Size	# of Acounts [A]	Annual Bills [B] = A x 12	Potable Fixed Charges [C]	Proposed Fixed Charges [D] = 60% of C	Fixed Revenue [E] = B x D
3/4"	7	84	$28.63	**$17.18**	$1,443
1"	8	96	$44.20	**$26.52**	$2,546
1 1/2"	25	300	$83.14	**$49.89**	$14,967
2"	75	900	$129.86	**$77.92**	$70,128
3"	25	300	$277.83	**$166.70**	$50,010
4"	10	120	$495.88	**$297.53**	$35,704
6"	5	60	$1,017.64	**$610.59**	$36,635
8"	3	36	$2,185.76	**$1,311.46**	$47,213
10"	2	24	$3,276.01	**$1,965.61**	$47,175
Total Fixed Revenue Recovery					$305,820

Variable Cost Recovery

Table 74 derives the FY 2022 variable rate by taking the total revenue requirement identified in Table 72 and reducing the amount by total fixed revenue calculated in Table 73. The net amount is divided by total recycled water sales to determine the recycled variable rate for FY 2022.

Table 74: FY 2022 Recycled Variable Rate

Variable	FY 2022
Revenue Required from Rates	$1,371,000
Less: Fixed Requirement	($305,820)
Variable Requirement	$1,065,180
÷ Projected Recycled Usage (ccf)	1,272,107
Variable Unit Rate	$0.84

Cost-Based Recycled Rate Schedule

Proposed Charges

Table 75 provides the two-year recycled fixed meter charges with projected annual revenue. The projected annual revenue is used in Table 76 to derive the corresponding variable rates.

Table 75: Proposed Recycled Fixed Charges

Recycled Fixed Charges				
Meter Size	FY 2022 Potable [A]	FY 2022 Recycled 60% of A	FY 2023 Potable [B]	FY 2023 Recycled 70% of B
3/4"	$28.63	**$17.18**	$29.49	**$20.65**
1"	$44.20	**$26.52**	$45.53	**$31.88**
1 1/2"	$83.14	**$49.89**	$85.64	**$59.95**
2"	$129.86	**$77.92**	$133.76	**$93.64**
3"	$277.83	**$166.70**	$286.17	**$200.32**
4"	$495.88	**$297.53**	$510.76	**$357.54**
6"	$1,017.64	**$610.59**	$1,048.17	**$733.72**
8"	$2,185.76	**$1,311.46**	$2,251.34	**$1,575.94**
10"	$3,276.01	**$1,965.61**	$3,374.30	**$2,362.01**
Projected Revenue		$305,820		$367,502

Table 76: Proposed Recycled Variable Rates

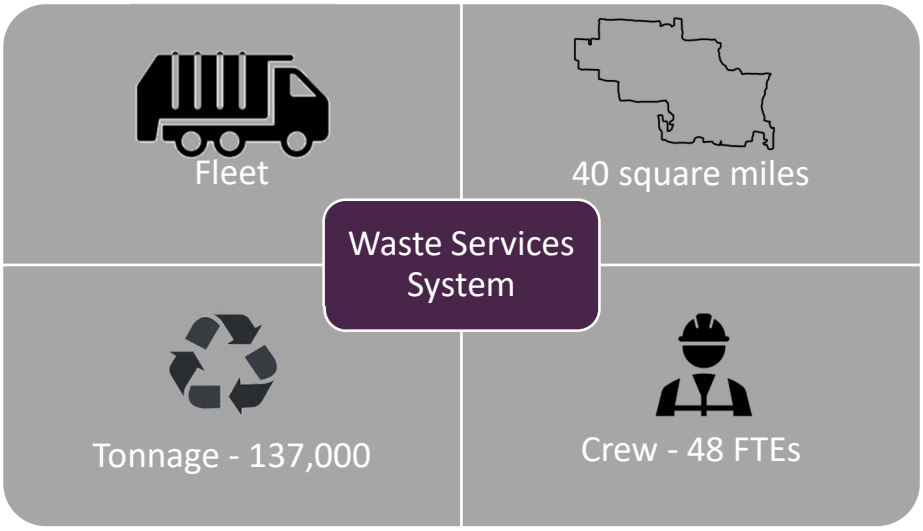
Recycled Variable Rates		
Variable Rate Analysis	FY 2022	FY 2023
Recycled Revenue Adjustment		*20%*
Recycled Revenue Requirement	$1,371,000	$1,645,200
Less: Projected Revenue from Fixed	($305,820)	($367,502)
Variable Revenue Requirement	**$1,065,180**	**$1,277,698**
÷ Projected Recycled Usage (ccf)	1,272,107	1,272,107
Proposed Variable Unit Rate	**$0.84**	**$1.01**

Waste Services Utility

Waste Services

The waste service department serves an area of just over 40 square miles and has its own fleet for trash, recycling, and organics. The City also plans on expanding its green waste services by adding more routes for weekly pickups.

Figure 29: City of Roseville Waste Services



The City's existing waste services rate structure consists of monthly fixed charges by customer type and variable charges based on either cubic yard, service frequency, tonnage, or building square footage depending on the service line. Existing rates are identified in Table 77 through Table 81.

Table 77: FY 2021 Waste Services Rates – Residential

Existing	
Residential Cart Service	($/Month)
Residential Base Fee	$26.85
Additional Black Can	$18.36
Additional Green Can	$9.75

Table 78: FY 2021 Waste Services Rates – Commercial Bins

Existing			
Commercial Bin Service	Monthly ($ / cubic yard)	Commercial Bin Service	($ / cubic yard)
Frontloader Service	$47.71	Extra Pickups	$11.01
Frontloader Compactor Service	$86.02	Extra Pickups	$19.85
Rearloader Service	$59.64	Extra Pickups	$11.01
Cardboard Service	$14.63	Extra Pickups	$3.38

Table 79: FY 2021 Waste Services Rates – Commercial Hauling

Existing			
Hauling Fee	($ / Load)	Tipping Fee	($ / Ton)
C&D Landfill	$328.05	C&D Landfill	$51.00
C&D MRF	$328.05	C&D MRF	$51.00
Inbound Cardboard	$179.63	Inbound Cardboard	$0.00
Food Waste	$328.05	Food Waste	$46.50
Green Waste	$328.05	Green Waste	$46.50
H20 Sludge	$328.05	H20 Sludge	$0.00
Inert Mixed	$328.05	Inert Mixed	$39.00
Inert	$328.05	Inert	$20.00
Inert-Soil	$328.05	Inert-Soil	$20.00
Inert Street Dept.	$328.05	Inert Street Dept.	$0.00
MSW-Land	$328.05	MSW-Land	$73.00
MSW-Mrf	$328.05	MSW-Mrf	$73.00
Sludge WW - PGWWTP	$254.65	Sludge WW - PGWWTP	$0.00
Sludge	$328.05	Sludge	$39.00
C&D-LF-TWW	$328.05	C&D-LF-TWW	$188.00
Wood Waste	$328.05	Wood Waste	$29.00
Inbound-Steel	$328.05	Inbound-Steel	$0.00

Table 80: FY 2021 Waste Services Rates – Commercial Shared Compactor

Existing		
Shared Compactor	Billing Code	Monthly ($ / sqft)
Tiers		
Tier 1 - Low Use	SWSQ1 *	$6.28
Tier 1 - Low Use	SWSQM	$30.11
Tier 2 - Medium Use	SWSQ2	$25.37
Tier 3 - High Use	SWSQ3	$53.59

* Billing Code SWSQ1 is subject to minimum charge equal to Billing Code SWSQM

Table 81: FY 2021 Waste Services Rates – Organics

Existing	
Organics	Monthly ($ / cubic yard)
Organic Waste Services	$43.02

Financial Planning Assumptions

Developing a long-term financial plan requires an understanding of the utility's financial position by evaluating existing revenue streams, ongoing expenses, how those expenses will change over time, existing debt requirements, new strategic objectives, and reserve policies. With these considerations, certain assumptions are required for projecting revenues, expenses, and expected ending fund balances. Table 82 identifies assumptions used for forecasting revenues. Table 83 identifies assumptions used for forecasting increases in expenses through the Financial Plan Period.

Table 82: Waste Services Assumptions for Forecasting Revenues

Key Assumptions	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenue Escalation					
Non-Inflated	0.0%	0.0%	0.0%	0.0%	0.0%
Non-Rate Revenues	2.0%	2.0%	2.0%	2.0%	2.0%
Reserve Interest	0.5%	0.5%	0.5%	0.5%	0.5%

Table 83: Waste Services Assumptions for Forecasting Expense Requirements

Key Assumptions	Notes:		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Expenditure Escalation							
Benefits			3.0%	3.0%	3.0%	3.0%	3.0%
Capital	*ENR 20-City*	*20-Year Average*	3.2%	3.2%	3.2%	3.2%	3.2%
Utilities			5.0%	5.0%	5.0%	5.0%	5.0%
General Costs			4.0%	4.0%	4.0%	4.0%	4.0%
Non-Inflated			0.0%	0.0%	0.0%	0.0%	0.0%
Pers / OPEB			5.0%	5.0%	5.0%	5.0%	5.0%
Salaries			3.0%	3.0%	3.0%	3.0%	3.0%
Indirect			5.0%	5.0%	5.0%	5.0%	5.0%

Financial Plan Overview – Water Services Utility

Current Financial Position

Revenues

Based on the forecasting assumptions, revenues were calculated using existing waste service rates and account data, frequency, and billable units. Table 84 shows the calculated revenues for FY 2021 through the Financial Plan Period. Table 85 summarizes calculated rate revenues (rounded to thousands) and other non-rate revenues available through the Financial Plan Period. Non-rate revenues increase over the Financial Plan Period using the inflation factor in Table 82.

Table 84: Waste Services Calculated Rate Revenues

Rate Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Residential Trash	$13,369,951	$13,369,951	$13,369,951	$13,369,951	$13,369,951	$13,369,951
Green Waste	$48,672	$48,672	$48,672	$48,672	$48,672	$48,672
Organic Waste	$432,509	$432,509	$432,509	$432,509	$432,509	$432,509
Commercial Trash	$8,673,315	$8,673,315	$8,673,315	$8,673,315	$8,673,315	$8,673,315
Commercial Cardboard / Recycling	$694,461	$694,461	$694,461	$694,461	$694,461	$694,461
Roll Off	$3,166,196	$3,166,196	$3,166,196	$3,166,196	$3,166,196	$3,166,196
Total Rate Revenue	$26,385,104	$26,385,104	$26,385,104	$26,385,104	$26,385,104	$26,385,104

Table 85: Waste Services Projected Wastewater Revenues

Revenue Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Residential Trash	$13,369,951	$13,370,000	$13,370,000	$13,370,000	$13,370,000	$13,370,000
Green Waste	$48,672	$49,000	$49,000	$49,000	$49,000	$49,000
Organic Waste	$432,509	$433,000	$433,000	$433,000	$433,000	$433,000
Commercial Trash	$8,673,315	$8,673,000	$8,673,000	$8,673,000	$8,673,000	$8,673,000
Commercial Cardboard / Recycling	$694,461	$694,000	$694,000	$694,000	$694,000	$694,000
Roll Off	$3,166,196	$3,166,000	$3,166,000	$3,166,000	$3,166,000	$3,166,000
Subtotal Rate Revenue	$26,385,104	$26,385,000	$26,385,000	$26,385,000	$26,385,000	$26,385,000
Revenues						
Other Fees	$48,200	$48,000	$48,000	$48,000	$48,000	$48,000
Charges for services	$658,805	$659,000	$659,000	$659,000	$659,000	$659,000
Use of Property and Money	$411,050	$411,000	$411,000	$411,000	$411,000	$411,000
Other Revenue	$3,333	$3,000	$3,000	$3,000	$3,000	$3,000
Subtotal Revenues	$1,121,388	$1,121,000	$1,121,000	$1,121,000	$1,121,000	$1,121,000
Total Revenues	$27,506,492	$27,506,000	$27,506,000	$27,506,000	$27,506,000	$27,506,000

Expenses

The FY 2021 budget was used as the baseline expenses of the utility and adjusted in subsequent years based on the escalation factors shown in Table 83. In addition, the City recently completed an independent valuation on staffing needs throughout the City and the results were captured within a long-term labor staffing forecast (labor forecast), which were incorporated into the O&M expense projections. Table 86 provides projected O&M expenses through the Financial Plan Period (rounded to thousands). Each expense category includes detailed line-item expenditures that were discussed with staff to determine the appropriate escalation factor to use for forecasting how costs will increase over time.

Table 86: Waste Services Projected O&M Expenses

Expenditure Summary	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Operating Expenses						
Waste Services UBS - Admin	$167,791	$287,000	$295,000	$303,000	$387,000	$398,000
Waste Services UBS - Billing	$415,963	$464,000	$480,000	$496,000	$487,000	$504,000
Waste Services UBS - Customer Service	$198,681	$308,000	$299,000	$227,000	$261,000	$266,000
Street Sweeping	$1,332,293	$1,700,000	$1,758,000	$1,819,000	$1,882,000	$1,947,000
Waste Services Administration	$1,707,417	$2,271,000	$2,587,000	$2,570,000	$2,658,000	$2,749,000
Waste Services Pickup - Residential	$3,956,222	$5,060,000	$4,660,000	$4,873,000	$4,855,000	$5,088,000
Waste Services Pickup - Commercial	$4,115,523	$5,016,000	$5,237,000	$5,471,000	$5,598,000	$5,858,000
Waste Services Maintenance	$795,355	$1,206,000	$1,244,000	$1,283,000	$989,000	$1,021,000
Disposal	$9,180,000	$9,800,000	$10,185,000	$10,590,000	$11,011,000	$11,449,000
Recycling	$656,312	$724,000	$755,000	$788,000	$823,000	$860,000
Green Waste Program	$2,066,523	$2,800,000	$2,899,000	$3,001,000	$2,986,000	$3,092,000
Organic Waste Program	$536,841	$386,000	$400,000	$414,000	$429,000	$445,000
Waste Services Outreach	$160,500	$167,000	$174,000	$180,000	$188,000	$195,000
Waste Services Annual Rehab	$178,539	$195,000	$203,000	$211,000	$219,000	$227,000
Waste Services UEC	$175,548	$237,000	$264,000	$273,000	$289,000	$299,000
Waste Services EU Admin	$785,320	$1,013,000	$1,080,000	$1,115,000	$1,151,000	$1,188,000
Waste Services EU Outreach	$72,215	$70,000	$72,000	$75,000	$78,000	$81,000
Waste Services EU Tech Serv	$238,502	$339,000	$383,000	$395,000	$425,000	$438,000
Waste Services EAM Support and Maintenance	$108,382	$105,000	$109,000	$113,000	$117,000	$121,000
Non-Classified	$579,245	$1,566,000	$1,209,000	$1,269,000	$1,332,000	$1,399,000
Retiree Payments	$278,970	$287,000	$296,000	$305,000	$314,000	$323,000
Project Related	$1,000,000	$0	$0	$0	$0	$0
Subtotal Operating Expenses	$28,706,142	$34,001,000	$34,589,000	$35,771,000	$36,479,000	$37,948,000

Reserves

Waste services utility incorporates similar reserves as the water and wastewater utilities, except most of the capital expenses are incorporated into the O&M budget and amortized based on the useful life of apparatus, equipment, and other capital improvements. The reserves help mitigate risks to the waste services utility by ensuring sufficient cash is on hand for daily operations and to fund capital outlay and replacement. These reserves help smooth rates and mitigate rate spikes due to emergencies or above-average system costs. The most recent adopted reserve policies identify each reserve's function. Table 87 summarizes the minimum reserve requirements and the ideal funding targets for Operating and Rate Stabilization.

Table 87: Waste Services Reserve Requirements and Targets

Reserve	Minimum Requirement	Reserve Target
Operating	90 days of operating costs	180 days of operating costs
Rehabilitation	1% of Asset Value	-
Rate Stabilization	25% of next year's operating expenses	50% of next year's operating expenses

The reserve balance as of July 1, 2020 equaled approximately $20.3M.

Financial Outlook at Existing Rates

Calculating revenue using existing rates and projecting expenses helps determines the current financial health of the utility. Revenues from existing rates are not sufficient to fund O&M and an annual deficit exists as new routes and corresponding staffing is added. At existing rates, reserves would be fully depleted by FY 2024. Figure 30 illustrates the operating position of the waste services utility, where O&M expenses are identified with the dashed red trendline, and the horizontal black trendline shows total revenues at existing rates. The bars represent the amount of net operating income available. Figure 31 reflects the projected ending balances of reserves through the Financial Plan Period. By FY 2022, reserves are below the minimum target and are depleted by FY 2024.

Figure 30: Waste Services Current Operating Financial Position

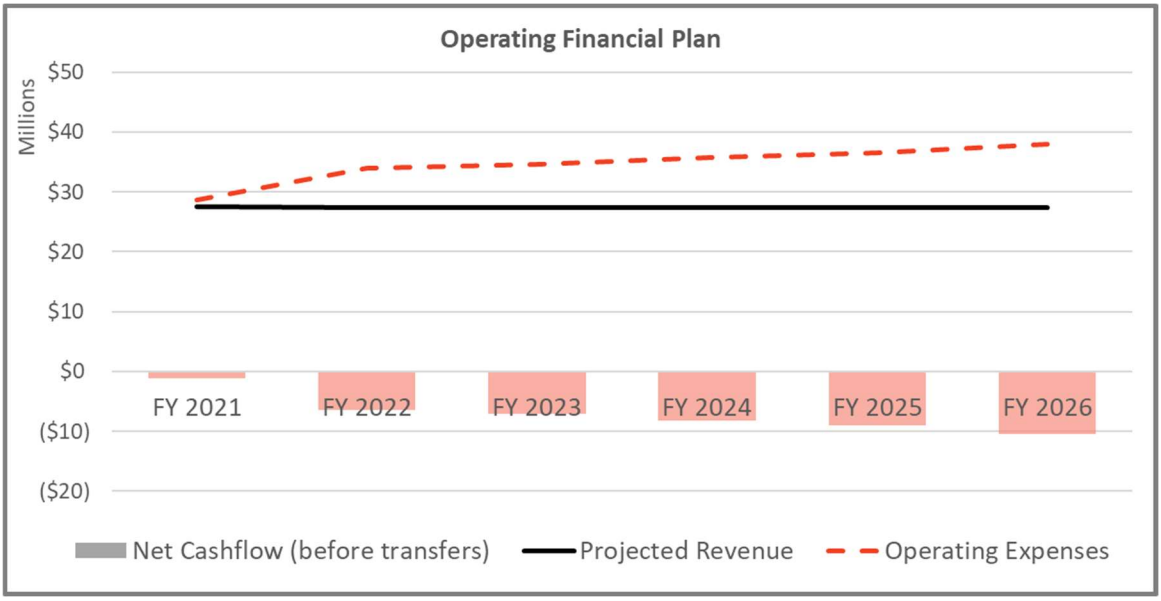
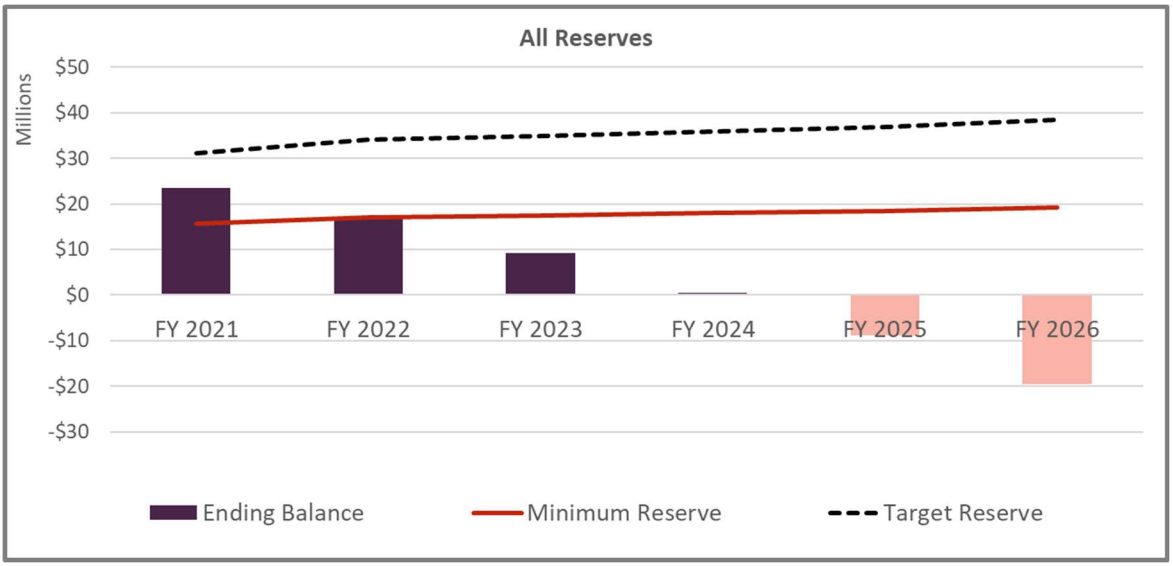


Figure 31: Waste Services Projected Ending Reserves at Existing Rates



Proposed Financial Plan – Waste Services Utility

From the financial outlook at existing rates, a proposed financial plan can be developed to adequately fund the multi-year revenue requirements while meeting reserve requirements. Table 88 forecasts projected revenues and expenses over the Rate Setting Period, including projected revenue adjustments outside the Rate Setting Period for FY 2024 through FY 2026.

Table 88: Waste Services Proposed Financial Plan – Forecasted Revenues

Revenue	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate Revenue						
Residential Trash	$13,369,951	$13,370,000	$13,370,000	$13,370,000	$13,370,000	$13,370,000
Green Waste	$48,672	$49,000	$49,000	$49,000	$49,000	$49,000
Organic Waste	$432,509	$433,000	$433,000	$433,000	$433,000	$433,000
Commercial Trash	$8,673,315	$8,673,000	$8,673,000	$8,673,000	$8,673,000	$8,673,000
Commercial Cardboard / Recycling	$694,461	$694,000	$694,000	$694,000	$694,000	$694,000
Roll Off	$3,166,196	$3,166,000	$3,166,000	$3,166,000	$3,166,000	$3,166,000
Total Rate Revenue	**$26,385,104**	**$26,385,000**	**$26,385,000**	**$26,385,000**	**$26,385,000**	**$26,385,000**
Additional Revenue *(from revenue adjustments)*:						
Fiscal Year				*Greyed out cells - not a part of Prop. 218 Notice*		
FY 2022		$3,958,000	$3,958,000	$3,958,000	$3,958,000	$3,958,000
FY 2023			$4,551,000	$4,551,000	$4,551,000	$4,551,000
FY 2024				*$1,047,000*	*$1,047,000*	*$1,047,000*
FY 2025					*$1,078,000*	*$1,078,000*
FY 2026						*$1,111,000*
Total Additional Revenue	$0	$3,958,000	$8,509,000	$9,556,000	$10,634,000	$11,745,000
Projected Rate Revenues	**$26,385,104**	**$30,343,000**	**$34,894,000**	**$35,941,000**	**$37,019,000**	**$38,130,000**
Other Revenue						
Other Fees	$48,200	$48,000	$48,000	$48,000	$48,000	$48,000
Charges for services	$658,805	$659,000	$659,000	$659,000	$659,000	$659,000
Use of Property and Money	$411,050	$411,000	$411,000	$411,000	$411,000	$411,000
Other Revenue	$3,333	$3,000	$3,000	$3,000	$3,000	$3,000
Subtotal Other Revenue	**$1,121,388**	**$1,121,000**	**$1,121,000**	**$1,121,000**	**$1,121,000**	**$1,121,000**
Total Revenues	**$27,506,492**	**$31,464,000**	**$36,015,000**	**$37,062,000**	**$38,140,000**	**$39,251,000**
Operating Expenses						
Waste Services UBS - Admin	$167,791	$287,000	$295,000	$303,000	$387,000	$398,000
Waste Services UBS - Billing	$415,963	$464,000	$480,000	$496,000	$487,000	$504,000
Waste Services UBS - Customer Service	$198,681	$308,000	$299,000	$227,000	$261,000	$266,000
Street Sweeping	$1,332,293	$1,700,000	$1,758,000	$1,819,000	$1,882,000	$1,947,000
Waste Services Administration	$1,707,417	$2,271,000	$2,587,000	$2,570,000	$2,658,000	$2,749,000
Waste Services Pickup - Residential	$3,956,222	$5,060,000	$4,660,000	$4,873,000	$4,855,000	$5,088,000
Waste Services Pickup - Commercial	$4,115,523	$5,016,000	$5,237,000	$5,471,000	$5,598,000	$5,858,000
Waste Services Maintenance	$795,355	$1,206,000	$1,244,000	$1,283,000	$989,000	$1,021,000
Disposal	$9,180,000	$9,800,000	$10,185,000	$10,590,000	$11,011,000	$11,449,000
Recycling	$656,312	$724,000	$755,000	$788,000	$823,000	$860,000
Green Waste Program	$2,066,523	$2,800,000	$2,899,000	$3,001,000	$2,986,000	$3,092,000
Organic Waste Program	$536,841	$386,000	$400,000	$414,000	$429,000	$445,000
Waste Services Outreach	$160,500	$167,000	$174,000	$180,000	$188,000	$195,000
Waste Services Annual Rehab	$178,539	$195,000	$203,000	$211,000	$219,000	$227,000
Waste Services UEC	$175,548	$237,000	$264,000	$273,000	$289,000	$299,000
Waste Services EU Admin	$785,320	$1,013,000	$1,080,000	$1,115,000	$1,151,000	$1,188,000
Waste Services EU Outreach	$72,215	$70,000	$72,000	$75,000	$78,000	$81,000
Waste Services EU Tech Serv	$238,502	$339,000	$383,000	$395,000	$425,000	$438,000
Waste Services EAM Support and Maintenance	$108,382	$105,000	$109,000	$113,000	$117,000	$121,000
Non-Classified	$579,245	$1,566,000	$1,209,000	$1,269,000	$1,332,000	$1,399,000
Retiree Payments	$278,970	$287,000	$296,000	$305,000	$314,000	$323,000
Project Related	$1,000,000	$0	$0	$0	$0	$0
Subtotal Operating Expenses	**$28,706,142**	**$34,001,000**	**$34,589,000**	**$35,771,000**	**$36,479,000**	**$37,948,000**
Operating Net Income	**($1,199,650)**	**($2,537,000)**	**$1,426,000**	**$1,291,000**	**$1,661,000**	**$1,303,000**
Waste Services Enterprise Transfers						
Transfers (to)/from Rehabilitation Fund:	($616,122)	($616,157)	($616,549)	($616,602)	($617,047)	($617,190)
Transfers (to)/from Rate Stabilization Fund:	($100,000)	$3,500,000	$0	($500,000)	($1,000,000)	($1,000,000)
Total Waste Services Enterprise Transfers	**($716,122)**	**$2,883,843**	**($616,549)**	**($1,116,602)**	**($1,617,047)**	**($1,617,190)**
Other City Dept Transfers						
Transfers (to)/from Utility Impact Reimbursement Fund:	($301,453)	($301,453)	($301,453)	($301,453)	($301,453)	($301,453)
Transfers (to)/from RFA Debt Service (Rent):	($143,878)	($143,843)	($143,451)	($143,398)	($142,953)	($142,810)
Total Other City Dept Transfers	**($445,331)**	**($445,296)**	**($444,904)**	**($444,851)**	**($444,406)**	**($444,263)**
Net Cashflow	**($2,361,103)**	**($98,453)**	**$364,547**	**($270,453)**	**($400,453)**	**($758,453)**

Figure 32 identifies the operating position based on the proposed financial plan, and Figure 33 identifies the ending reserve balances.

Figure 32: Waste Services Proposed Operating Position

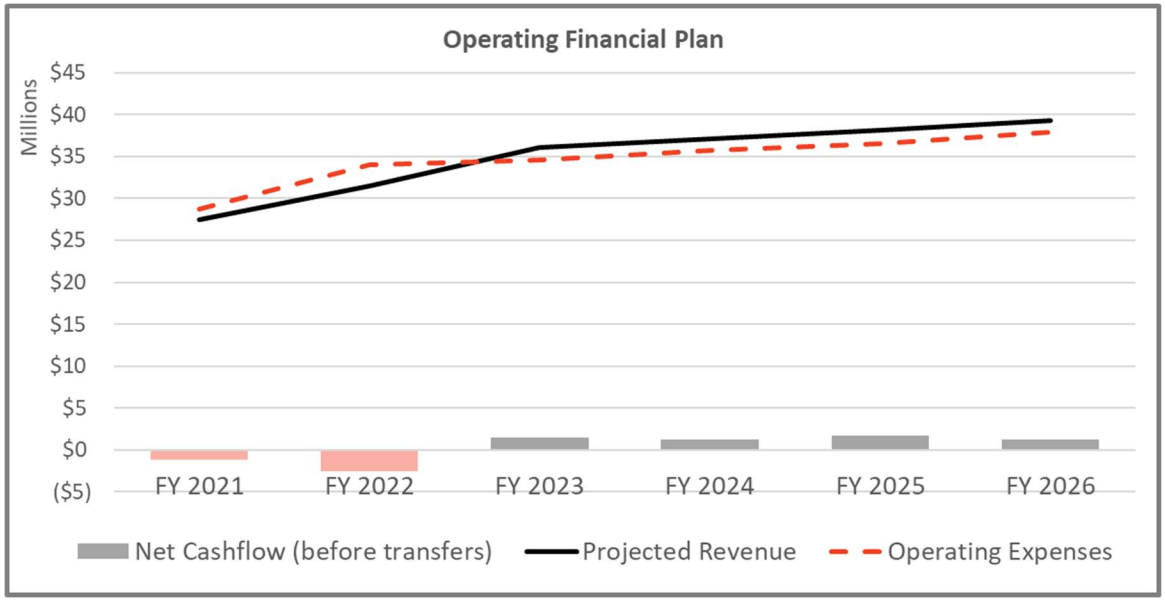
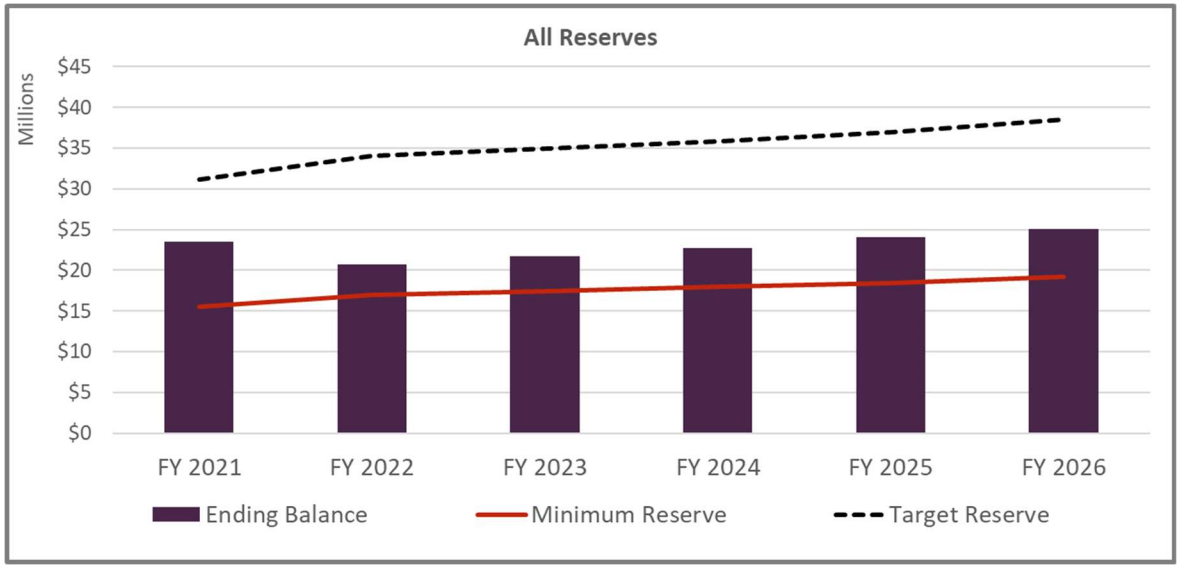


Figure 33: Waste Services Proposed Ending Reserves



Cost of Service – Waste Services Utility

Cost of Service Process

The proposed rates derived within this report maintains the prior cost of service analysis. Adjustments were based on revenue needs as projected through the Financial Plan Period and reflects the costs of providing service over the Rate Setting Period. A comprehensive cost of service analysis will be completed once the financial impacts of the new organics recycling requirements of SB 1383 have been determined.

Revenue Requirements

FY 2022 revenue requirements are shown in Table 89 and include O&M expenses, direct transfers, available revenue offsets, and capital/reserve funding. The proposed revenue adjustments and corresponding rates accumulate the necessary funding over the Rate Setting Period to fund O&M, capital projects and comply with minimum reserve requirements.

Table 89: FY 2022 Waste Services Revenue Requirements

Revenue Requirements	Total
Operating and Maintenance	
Waste Services UBS - Admin	$287,000
Waste Services UBS - Billing	$464,000
Waste Services UBS - Customer Service	$308,000
Street Sweeping	$1,700,000
Waste Services Administration	$2,271,000
Waste Services Pickup - Residential	$5,060,000
Waste Services Pickup - Commercial	$5,016,000
Waste Services Maintenance	$1,206,000
Disposal	$9,800,000
Recycling	$724,000
Green Waste Program	$2,800,000
Organic Waste Program	$386,000
Waste Services Outreach	$167,000
Waste Services Annual Rehab	$195,000
Waste Services UEC	$237,000
Waste Services EU Admin	$1,013,000
Waste Services EU Outreach	$70,000
Waste Services EU Tech Serv	$339,000
Waste Services EAM Support and Maintenance	$105,000
Non-Classified	$1,566,000
Retiree Payments	$287,000
Total Operating and Maintenance	**$34,001,000**
Other Expenses	
Direct Transfers	($2,883,843)
Other Transfers Out	$445,296
Total Other Expenses	**($2,438,547)**
Revenue Offsets	
Other Fees	($48,000)
Charges for services	($659,000)
Use of Property and Money	($411,000)
Other Revenue	($3,000)
Total Revenue Offsets	**($1,121,000)**
Adjustments	
Capital / Reserve Funding	($98,453)
Total Adjustments	**($98,453)**
Revenue Required from Rates	**$30,343,000**

Cost-Based Rates – Waste Services Utility

Proposed Waste Service Charges

Table 90 through Table 94 provides the two-year rate schedule through FY 2023 for Residential, Commercial Bins, Commercial Hauling, Commercial Shared Compactor, and Organics, respectively. For FY 2022, a rate adjustment of 15.65% is applied across-the-board to existing rates. For FY 2023, a rate adjustment of 16.05% is applied across-the-board to rates derived for FY 2022. Tipping fee increases are not set by the City and the City will pass-through any increase once new rates are known.

Table 90: Proposed Waste Services Rates – Residential

Waste Services - Residential		
Residential Cart Service	FY 2022 ($/month)	FY 2023 ($/month)
Residential Base Fee	$31.06	$36.05
Additional Black Can	$21.24	$24.65
Additional Green Can	$11.28	$13.10

Table 91: Proposed Waste Services Rates – Commercial Bins

Waste Services - Commercial Bins					
Commercial Bin Service	FY 2022 ($/c.u. yard/Month)	FY 2023 ($/c.u. yard/Month)	Commercial Bin Service	FY 2022 ($/c.u. yard)	FY 2023 ($/c.u. yard)
Frontloader Service	$55.18	$64.04	Extra Pickups	$12.74	$14.79
Frontloader Compactor Service	$99.48	$115.45	Extra Pickups	$22.96	$26.65
Rearloader Service	$68.97	$80.04	Extra Pickups	$12.74	$14.79
Cardboard Service	$16.92	$19.64	Extra Pickups	$3.91	$4.54

Table 92: Proposed Waste Services Rates – Commercial Hauling[2]

Waste Services - Commercial Hauling					
Hauling Fee	FY 2022 ($/load)	FY 2023 ($/load)	Tipping Fee	FY 2022 ($/ton)	FY 2023 ($/ton)
C&D Landfill	$379.39	$440.28	C&D Landfill	$51.00	$51.00
C&D MRF	$379.39	$440.28	C&D MRF	$51.00	$51.00
Inbound Cardboard	$379.39	$440.28	Inbound Cardboard	$0.00	$0.00
Food Waste	$379.39	$440.28	Food Waste	$46.50	$46.50
Green Waste	$379.39	$440.28	Green Waste	$46.50	$46.50
H20 Sludge	$379.39	$440.28	H20 Sludge	$0.00	$0.00
Inert Mixed	$379.39	$440.28	Inert Mixed	$39.00	$39.00
Inert	$379.39	$440.28	Inert	$20.00	$20.00
Inert-Soil	$379.39	$440.28	Inert-Soil	$20.00	$20.00
Inert Street Dept.	$379.39	$440.28	Inert Street Dept.	$0.00	$0.00
MSW-Land	$379.39	$440.28	MSW-Land	$73.00	$73.00
MSW-Mrf	$379.39	$440.28	MSW-Mrf	$73.00	$73.00
Sludge WW - PGWWTP	$294.50	$341.76	Sludge WW - PGWWTP	$0.00	$0.00
Sludge	$379.39	$440.28	Sludge	$39.00	$39.00
C&D-LF-TWW	$379.39	$440.28	C&D-LF-TWW	$188.00	$188.00
Wood Waste	$379.39	$440.28	Wood Waste	$29.00	$29.00
Inbound-Steel	$379.39	$440.28	Inbound-Steel	$0.00	$0.00

Table 93: Proposed Waste Services Rates – Commercial Shared Compactor

Waste Services - Commercial Compactor			
Shared Compactor	Billing Code	FY 2022 $/sqft	FY 2023 $/sqft
Tiers			
Tier 1 - Low Use	SWSQ1*	$7.27	$8.44
Tier 1 - Low Use	SWSQM	$34.83	$40.42
Tier 2 - Medium Use	SWSQ2	$29.34	$34.05
Tier 3 - High Use	SWSQ3	$61.98	$71.93

* Billing Code SWSQ1 is subject to minimum charge equal to Billing Code SWSQM

Table 94: Proposed Waste Services Rates – Organics

Waste Services - Commercial Organics		
Organics	FY 2022 ($/c.u. yard)	FY 2023 ($/c.u. yard)
Organic Waste Services	$49.75	$57.74

[2] Tipping fees are subject to pass-through increases once new rates are known.

Environmental Utilities
Rates Adjustment for FY 2022 and 2023
Summary of public outreach efforts

Goal: To inform, educate and engage Environmental Utilities customers on the proposed Rate Adjustment for FY 2022 and 2023.

What	Who	When
Internal briefings with staff and elected official 2x2s	City Manager's Office, City Council, and Public Utilities Commission	Early March
Information distribution to build awareness of rate adjustment proposal, community meeting, and ways to participate - Social media (primarily Facebook and NextDoor) - Website page on rate proposal - News stories on front web page - City of Roseville e-newsletter distribution	Roseville customers	Mid-March through late April
Proposition 218 direct mail notice articulating the rate adjustment proposal in detail	All utility customers for water, wastewater and waste services utilities: 46,000 accounts	Mid-March
Meeting with largest customers	- Kaiser - Sutter - Galleria	Week of April 11, 2021
Virtual Public meeting to explain proposal to customers More than 70 RSVPs with 12 customers in attendance	Roseville customers	April 13, 2021
Meeting with largest residential customer stakeholder groups presenting proposal	- Sun City - RCONA	April 15, 2021
Public noticing in *Gold Country Media*	Interested parties	Prior to April 25, 2021
Rate proposal presentation	Public Utilities Commission	April 27, 2021

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CITY OF ROSEVILLE CALIFORNIA
Environmental Utilities

CUSTOMER NOTIFICATION OF TWO-YEAR RATE ADJUSTMENTS

PROPOSITION 218

Notification to property owners of public hearing on proposed water, wastewater, and waste services rate adjustments.

NOTICE IS HEREBY GIVEN that the City of Roseville will hold a public hearing on Wednesday, May 5, 2021 at 6:00 p.m. in the City Council Chambers at 311 Vernon Street, Roseville, California, to consider adoption of proposed adjustments to rates for the water, wastewater, and waste services utilities. Reasons for the proposed rate adjustments and instructions for protesting the rate adjustments are described in more detail below.

PROPOSITION 218 AND PUBLIC HEARING

In 1996, California voters approved Proposition 218, which amended the state constitution relating to the passage of property-related fees. Proposition 218 requires the City to (1) inform property owners and rate payers that rate adjustments are being considered, (2) clearly demonstrate the basis on which the rates are calculated, and (3) hold a public hearing at least 45 days after public notification. Utility rate adjustments are subject to majority protest. Any protests must (1) be in writing, (2) state which utility service rate adjustment(s) the identified property owner or tenant is protesting, (3) provide the location of the identified parcel (by street address or assessor's parcel number), and (4) include the name and signature of the property owner or tenant submitting the written protest. Only one written protest will be counted per identified parcel.

Written protests may be hand-delivered or mailed to the City of Roseville City Clerk, 311 Vernon Street, Roseville, CA 95678 on or before the public hearing date, or in person at the public hearing (specified above). To be counted, all written protests must be received prior to the conclusion of the public comment portion of the public hearing. Any protests submitted via e-mail or other electronic means will not be accepted as a qualified formal protest, unless it is a scanned copy of a protest letter containing the signature of the author of such letter. Please identify on the front of the envelope, whether you mail or submit in person, Attn: City Clerk – Public Hearing on Proposed Utility Rate adjustments.

The City Council will hear public comments and consider the written protests regarding the rate adjustments to the City's water, wastewater, and waste services rates at the public hearing. Oral comments at the public hearing will not qualify as formal protests unless accompanied by a proper, written protest. Upon the conclusion of the public hearing, the City Council will consider adoption of the adjustments in utility rates as described in this notice. If a majority of the affected property owners and tenants file written protests, the proposed adjustments will not be imposed.

WHAT DO WATER, WASTEWATER, AND WASTE SERVICES RATES FUND?

The City provides water, wastewater (sewer), and waste services (garbage, recycling, and green waste) utilities to more than 45,000 customers (residential and commercial). The City Charter requires all the City's utilities to be financially self-sufficient. Utility revenue from the rates paid by customers does not fund general government expenses; rather, it solely funds the operational costs of the utilities such as purchasing raw water, energy, and chemicals; rehabilitation and replacement of infrastructure; maintenance; regulatory compliance; and labor.

PROPOSED CHANGES TO WATER, WASTEWATER, AND WASTE SERVICES RATES

Utility rates are calculated based on the cost to provide services. The City hired IB Consulting, independent rate consultants, to update the City's utility rates. Based on the findings and recommendations of the study, a rate increase is necessary to recover sufficient revenues to operate and maintain the water, wastewater, and waste services utilities due to the increasing costs of operations (such as maintenance, technology, rehabilitation, labor, energy, fuel, chemicals, and regulatory compliance) as well as the requirement to maintain prudent financial reserves.

For additional details on the cost of service and rate structuring, please call (916) 774-5564. If approved, rate adjustments would become effective on July 1, 2021 and subsequently July 1, 2022. The proposed rates are the maximum that may be implemented without the City providing additional notification to property owners and customers.

An example of the impact to the utility bill for a typical single-family home is shown in Table 1 below.

For more information about water, wastewater, and waste services rates and services, visit roseville.ca.us/eu or call (916) 774-5300.






LONG-RANGE UTILITY PLANNING HELPS ROSEVILLE BOTH NOW AND INTO THE FUTURE

When you turn the tap for water, flush your toilet, or pull the garbage can out for pick-up, these essential utility services started with a thoughtful plan years ago to identify system requirements and funding needs to keep those services going. A key component of maintaining service reliability is Environmental Utilities' long-range planning. This effort ensures that current infrastructure remains well kept and we grow that system over time to handle future service demands.

Environmental Utilities runs a major multi-million dollar capital improvement program – a compilation of infrastructure and major maintenance projects designed to enhance, expand, and preserve the infrastructure so that you receive reliable utility services daily.

Every year, Environmental Utilities manages dozens of projects including condition assessments and engineering design. Staff also constructs new facilities and rehabilitates or replaces infrastructure across all three utility services.

Staff prioritizes these projects based on meeting public safety objectives, preventing extensive and costly maintenance, replacing infrastructure that has gone beyond its useful life, and refurbishing or improving utility systems to maintain reliability. This proactive approach keeps the integrity of Roseville's utility systems high and your utility rates low.

OUR RATE SETTING PROCESS

Environmental Utilities' rate adjustment planning is based on a 10-year horizon – both looking at historical and future trends as well as the needed revenue to operate. We take the rate setting process seriously, and our goal is to reduce customer impacts while also having the needed capital to maintain high-quality services.

The cost of delivering utility services continues to rise and to keep pace with these increased costs, Environmental Utilities is considering a necessary rate adjustment. We adopted a biennial schedule for rates review so that we can account for small adjustments under real-world conditions versus adjusting them every four or five years like other agencies, which could amount to larger adjustments. This allows us to plan for needed revenue to ensure we are running a utility service that is reliable, which includes daily operations, keeping pace with changing regulations, rehabilitation of infrastructure, and other capital improvements.

FISCAL POLICIES HELP REDUCE RATE ADJUSTMENT IMPACTS

One of the ways we are reducing customer impacts is based on a reserve policy implemented by Roseville City Council back in 2015. These prudent policy decisions were part of a long-term planning approach that includes both a rate stabilization and an economic reserve.

These funds provide a level of fiscal stewardship where a small portion of your monthly bill is collected and set aside to offset unforeseen circumstances – and protects against unanticipated shortfalls that could otherwise affect your reliable utility service.

Under our current rate adjustment proposal, we are using a portion of funds in our rate stabilization to offset what might be a higher increase for all three utility services. Additionally, in the event of savings at the end of each fiscal year, we will place those saving back into rate stabilization funds for the future.

For more information about water, wastewater, and waste services rates and services, visit roseville.ca.us/eu or call (916) 774-5300.

TABLE 1: PROPOSED RATE ADJUSTMENTS – IMPACT ON A TYPICAL RESIDENTIAL CUSTOMER*					
	Current FY2020-21 bill	FY2021-22 estimated increase (effective 7/1/2021)	FY2021-22 estimated bill	FY2022-23 estimated increase (effective 7/1/2022)	FY2022-23 estimated bill
Water**	$46.84	$1.39	$48.23	$1.56	$49.79
Wastewater	$42.18	$2.68	$44.86	$2.70	$47.56
Solid Waste	$26.85	$4.21	$31.06	$4.99	$36.05
Total* **	**$115.87**	**$8.28**	**$124.15**	**$9.25**	**$133.40**

** A typical residential customer uses 1,400 cubic feet of water per month, has a flat wastewater rate, a single 90-gallon garbage container, and a single 90-gallon green waste container.*
*** These rates do not apply to customers receiving water utility bills from the Placer County Water Agency or the San Juan Water District.*
**** Rate adjustments are approximate. Actual charges may vary due to rounding.*

IMPACT ON RESIDENTIAL CUSTOMER BILLS:

- **WATER:** In July 2021, the monthly water bill for an average single-family home with typical water usage will increase by about $1.39 (from $46.84 to $48.23). In July 2022, there will be an additional increase of $1.56 (from $48.23 to $49.79). These proposed water rate adjustments reflect the increasing costs of raw water, chemicals, and power; additional burdens from regulatory requirements; and increasing costs of maintenance and rehabilitation on utility infrastructure.

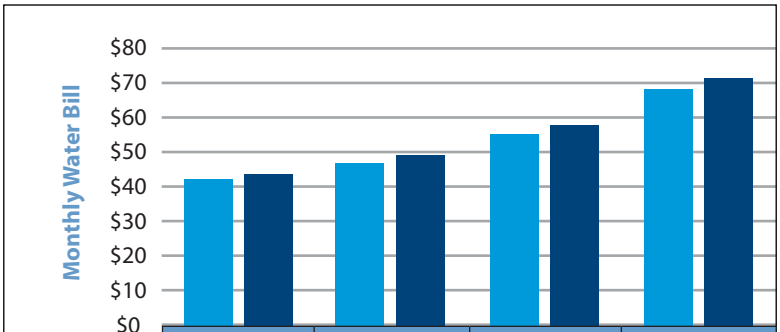
- **WASTEWATER:** In July 2021, a single family home can expect its monthly wastewater bill to increase $2.68 (from $42.18 to $44.86). The proposed July 2022 rate would result in the bill increasing by $2.70 to $47.56. Like the water utility, these rate adjustments reflect increasing costs and additional regulatory requirements.

- **WASTE SERVICES:** In July 2021, the bill for a typical single-family home (one garbage container and one green waste container) will increase by $4.21 (from $26.85 to $31.06). In July 2022, that bill will increase by $4.99 to $36.05. The proposed adjustments are largely driven by rising tipping fees levied to fund new organics processing infrastructure, necessary to meet state-mandated requirements (SB 1383), and a tight labor market for commercial truck drivers. Revenue is also expected to continue to decrease due to the loss of income from recycling markets—an issue throughout the United States.

IMPACT ON COMMERCIAL CUSTOMER BILLS: Commercial water, wastewater, and waste services rates vary by type of customer and usage levels.

TABLE 2: CURRENT AND PROPOSED WATER RATES			
Uniform Rate (Residential and Commercial)	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
All metered water use (per cubic foot)	$0.0134	$0.0140	$0.0145
Non-Metered or Flat Service Charge ($/month)	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
Single family lots up to 4,900 square feet	$38.51	$45.28	$46.64
Single family lots 4,901 to 8,900 square feet	$43.40	$48.70	$50.17
Single family lots 8,901 to 12,000 square feet	$47.17	$54.77	$56.42
Single family lots 12,001 to 15,000 square feet	$50.85	$59.98	$61.78
Mobile home unit in mobile home park	$35.51	$36.90	$38.01
Metered Rates ($/month)	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
3/4" meter	$28.08	$28.63	$29.49
1" meter	$43.34	$44.20	$45.53
1 1/2" meter	$81.47	$83.14	$85.64
2" meter	$127.22	$129.86	$133.76
3" meter	$272.13	$277.83	$286.17
4" meter	$485.67	$495.88	$510.76
6" meter	$996.64	$1,017.64	$1,048.17
8" meter	$2,140.61	$2,185.76	$2,251.34
10" meter	$3,208.31	$3,276.01	$3,374.30

FIGURE 1: WATER UTILITY – METERED CUSTOMER IMPACT (3/4" METER)



	1,000 cubic feet	1,400 cubic feet	2,000 cubic feet	3,000 cubic feet
Existing Bill	$41.48	$46.84	$54.88	$68.28
Proposed Bill	$42.63	$48.23	$56.63	$70.63
Impact ($)	$1.15	$1.39	$1.75	$2.35

TABLE 3: CURRENT AND PROPOSED WASTEWATER RATES

	Current	Effective 7/1/2021	Effective 7/1/2022
Residential (per month)	$42.18	$44.86	$47.56
Commercial accounts per sewer unit*	$42.18	$44.86	$47.56
Commodity rate (per cubic foot)**	$0.0423	$0.0417	$0.0443
Recycled water (per cubic foot)***	$0.0067	$0.0084	$0.0102

** The number of sewer units for each account is determined as specified in Chapter 14.16 of the Municipal Code.*
*** Applies to water use in excess of 560 cubic feet per month for metered commercial customers.*
**** Recycled water customers will pay 60% of the potable water rates effective 7/1/2021 and 70% of potable rates effective 7/1/2022 (see Table 2).*

TABLE 4: CURRENT AND PROPOSED WASTE SERVICES RATES – RESIDENTIAL

Residential Refuse Service	Current	Effective 7/1/2021	Effective 7/1/2022
Fixed refuse monthly charge (one garbage container and one green waste container as identified in Municipal Code Section 9.12.100(A)(2))	$26.85	$31.06	$36.05
Each additional garbage container (per month)	$18.36	$21.24	$24.65
Each additional green waste container (per month)	$9.75	$11.28	$13.10

TABLE 5: CURRENT AND PROPOSED WASTE SERVICES RATES – COMMERCIAL*

Commercial Service: Frontloader and Rearloader	Current	Effective 7/1/2021	Effective 7/1/2022
Frontloader and rearloader** commercial dumpster, garbage per yard charge	$11.01	$12.74	$14.79
Frontloader and rearloader** compactor, garbage per yard charge	$18.90	$22.96	$26.65
Frontloader dumpster and compactor, cardboard per yard charge	$3.38	$3.91	$4.54
Roll-Off Commercial Open Top and Compactor Services	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
Roll-off bin per haul (base rate) without tonnage*** (all sizes)	$328.05	$379.39	$440.28
Roll-off Pleasant Grove Wastewater Treatment Plant sludge haul	$230.97	$267.12	$309.99
Additional Commercial Service Rates	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
Commercial hand pick-up service (requires management approval)**	$30.11	$34.83	$40.42
Commercial automated container monthly charge per container (where available; green waste not included)	$26.85	$31.06	$36.05
Streetscape and LLD service per container**	$7.09	$8.20	$9.52

** The amounts billed to commercial customers will vary with the types of service and the number of pick-ups in a billing period.*
*** These services will be charged an additional 25% rearloader premium.*
**** Tonnage charges (tipping fees) vary by material type and are determined by the Western Placer Waste Management Authority (WPWMA). With city department head approval, some entities may pay tonnage charges directly to WPWMA.*

TABLE 6: CURRENT AND PROPOSED WASTE SERVICES RATES - COMMERCIAL SHARED COMPACTOR (MONTHLY)			
Tier 1 - If monthly rate is less than the minimum commercial rate, the minimum rate will be charged.	$6.29 per 1,000 square feet of building area or per dwelling unit. Minimum charge: $30.11	$7.28 per 1,000 square feet of building area or per dwelling unit. Minimum charge: $34.83	$8.45 per 1,000 square feet of building area or per dwelling unit. Minimum charge: $40.42
Tier 2 - Shared compactor customers will also be charged for up to 2 yards of organic material collection and disposal.	$25.37 per 1,000 square feet of building area	$29.34 per 1,000 square feet of building area	$34.05 per 1,000 square feet of building area
Tier 3 - Shared compactor customers will also be charged for 3-4 yards of organic material collection and disposal.	$53.59 per 1,000 square feet of building area	$61.98 per 1,000 square feet of building area	$71.93 per 1,000 square feet of building area

TABLE 7: CURRENT AND PROPOSED WASTE SERVICES RATES - COMMERCIAL ORGANIC (MINIMUM MONTHLY CHARGE)			
Organic Waste Collection Rates	**Current**	**Effective 7/1/2021**	**Effective 7/1/2022**
0-2 yards*	$86.03	$99.50	$115.47
0-4 yards**	$172.00	$198.92	$230.85
5 yards	$215.01	$248.66	$288.57
6 yards	$257.97	$298.34	$346.22
7 yards	$301.10	$348.22	$404.10
8 yards	$344.00	$397.83	$461.68
9 yards	$386.96	$447.52	$519.34
10 yards	$429.96	$497.24	$577.04
11 yards	$473.09	$547.12	$634.92
12 yards	$515.94	$596.68	$692.44

** Applies to customers subject to Roseville Municipal Code Section 9.12.100.B.3.b.*
*** Applies to customers subject to Roseville Municipal Code Section 9.12.100.B.3.a.*

WHERE YOUR MONEY GOES



MAINTAINING FINANCIAL RESILIENCY

Environmental Utilities has a financial reserve policy to maintain its good credit rating and readily respond to unexpected and costly situations.



ENSURING SOUND AND STABLE UTILITIES

Providing reliable utility services and fostering a high level of customer satisfaction requires appropriate staffing, quality programs, and well-maintained infrastructure.



COMPLYING WITH A CHANGING REGULATORY CLIMATE

Environmental Utilities often must respond to state and federal legislation and regulations that result in unfunded mandates. This requires vigilance, proactive thinking, long-term planning, and an informed and highly trained staff of utility professionals.

For more information about water, wastewater, and waste services rates and services, visit roseville.ca.us/eu or call (916) 774-5300.



Financial Management Policy

April 2015

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1. Executive Summary

The Roseville Environmental Utilities Department (the "EUD" or the "Department") manages the city's water, wastewater and solid waste utilities (the "Utilities"). The Utilities are separately managed financial entities and as such, each faces different constraints and environments and must manage its finances accordingly. With this notion in mind, the Utilities developed this Financial Management Policy (the "Policy") with the intent of giving each Utility a set of guidelines with which it can successfully and prudently manage its finances.

The Policy affirms the currently used Rehabilitation and Enterprise Fund guidelines, clarifies and adjusts targets for cash flows available for debt service and operating costs, and establishes targets for sizing Reserves (previously 10% of Operating Expenses).

Specifically, the Policy sets cash flow management guidelines for both the debt holding and non-debt holding enterprises and recommends reserve levels based on each Utility's respective risk profile. To the extent that a Utility holds public debt, the Policy establishes Debt Service Coverage ("DSC") targets to ensure the Utility's ability to meet both its operating and debt service obligations; otherwise, the Policy recommends managing cash flow by targeting an Operating Ratio (Operating Income divided by Operating Expenses). The Policy then sets recommends reserve levels in order to help the Utilities manage exposure to operating risks, critical failures, and rate volatility. The Policy also provides recommended conditions for rate actions when cash flows and/or Reserves deviate from their prescribed targets.

2. Introduction

The Utilities are publicly-owned community assets for the City of Roseville ("Roseville" or the "City") that provide safe, reliable, competitively-priced water, wastewater, solid waste, and recycled water services to all of their customers. The Utilities prepared the Policy with the intent of establishing guidelines for managing the financial profiles of each Utility.[1]

The Policy is divided into six sections: Purpose, Defining Financial Strength, Enterprise Fund Fees and Rates, Rehabilitation Funds, Recommended Debt Service Coverage and Operating Ratio Policies, Recommended Reserve Policies, and Interaction between Coverage and Reserves.

It is intended that to maintain relevance, the Utilities will revisit the Policy periodically if there is a material change in risk exposures or conditions.

[1]The Policy focuses on the Water, Wastewater, and Solid Waste Utilities as the Recycled Water Utility does not keep independent financial records but is currently part of the Wastewater Utility.

3. Purpose

The purpose of this Financial Management Policy is to provide a set of guidelines for prudently managing the financial profiles of the Utilities. In practice, this Policy will discipline the budgeting and rate setting practices, establish guidelines to improve the financial health of each Utility over the long term, and seek to balance the need for capacity growth while maintaining competitively low rates.

Like all enterprises, the Utilities manage cash flow to cover expenditures and hold reserves to address anticipated and unanticipated funding requirements.

The Policy is based upon the understanding that the following factors are important and should serve as the relevant goals of the Policy. These goals establish that each Utility should:

1. Manage rates to avoid significant year-over-year rate adjustments.
2. Strive to maintain and invest in its respective system.
3. Maintain reserves for financial exposures.
4. Cost-effectively obtain funds to maintain and invest in its respective system.

The Policy is further intended to offer the Roseville City Council (the "City Council") guiding directives to staff for decisions and recommendations related to the financial profile of each Utility.

The Policy is not prescriptive in terms of how the Utilities set rates; however, there is a nexus between the rates that each Utility charges and its respective financial profile. While the Policy attempts to recognize the balance between each enterprise's risk management, financial risk management and rate setting, the Policy cannot resolve conflicts between competing objectives and so it instead provides guidelines for the financial management of each Utility to be considered by the City Council and staff in coordination with other considerations.

4. Defining Financial Strength and Credit Considerations

The Utilities' businesses are subject to a number of significant environmental, market, and regulatory considerations on national, state, and local levels. The determination of financial strength is subjective, but it ultimately relates to the expectation that the Utilities can continue to meet their primary financial goals in the context of the macro considerations that each Utility faces.

Anticipated and Unanticipated Financial Considerations

One characteristic of financial strength is the ability to prepare for anticipated events and obligations including, but not limited to:

- Operation and maintenance expenses (O&M).
- Debt service payments.
- Exposure to weather related events such as droughts.
- Response to existing or impending regulations.

Another characteristic of financial strength is the ability to address unanticipated considerations including, but not limited to:

- Unanticipated general reduction in customer demand.
- One or more operational events (natural disaster or other events including force majeure, etc.) that could dramatically increase costs or reduce resource options, the loss of one or more large customers.
- Market disruption that increases the cost of borrowed funds.
- Counterparty's inability to perform on a contract.
- Change in regulatory or environmental regulations.
- Unanticipated increase in compensation costs.

While such considerations are by nature, unanticipated, the Policy recognizes that the financial strength of each Utility is at least partially related to the ability to address such considerations should they arise.

Ratings as Indicators of Financial Strength

While credit ratings are important yardstick indicators of financial strength, the Policy is not focused on maintaining credit ratings but rather the overall financial strength of the Utilities as only some of the Utilities have or will have ratings. It is expected, however, that by following the guidelines of the Policy, the Utilities will maintain strong credit ratings. Specifically, it is expected that the Water Utility will be able to maintain A+ category ratings and will be able to make a strong case for AA- category ratings while the Wastewater Utility will be able to support the South Placer Wastewater Authority ("SPWA") in maintaining AA-, or higher, category ratings. SPWA issues debt on behalf of the City of Roseville, Placer County and South Placer Municipal Utility District for regional wastewater treatment facilities to be used by these agencies.

5. Enterprise Fund Rates and Fees

Environmental Utilities are 100% self-sufficient. The primary revenue streams for the Utilities are rates and fees established by the City Council. This Policy identifies the manner in which rates and fees are set and the extent to which they cover the cost of services provided. A revenue system that requires the identification of both the cost of the programs and the portions of the cost that will be recovered through those revenues allow the Department and its utility customers to develop a better understanding of the cost of services and to consider the appropriateness of established rates and fees.

Policy

The City will set rates and fees at levels related to cover the reasonable cost of providing services which includes direct and indirect costs such as operating and maintenance, overhead, infrastructure rehabilitation, and debt service. The Department will review these rates and fees annually in the budget process and will recommend rates that are expected to produce revenues sufficient to fully fund the reasonable costs of providing services. Further,

- All rates and fees shall be adopted in accordance with the provisions of Prop 218 and AB1600.
- The City will examine utility rates through the cost of service process every two years or as otherwise determined in an effort to avoid the rate shock that occurs when rates are evaluated less frequently.
- Revenue and expenses will be projected using conservatism.
- Revenue requirements will be based on long-term planning objectives.

During the rate and fee setting process, the City will consider the rates and fees of other agencies as comparing the City's rates and fees to other agencies' provides useful background information because:

- Other agencies' rates and fees reflect in some ways the current "market's" rates for similar services provided by the Utilities and can assist the City is assessing the reasonableness of proposed rate and fee changes.
- They can serve as a benchmark for how cost-effectively the Utilities are providing their services.

Rates and fee comparisons, however, should never be the sole or primary criteria used in the City's rate and fee setting process. The City should also place under consideration:

- What level of cost recovery is the rate and/or fee intended to achieve?
- What costs are considered in the computation of rates and fees?

- Timing: When was the last time the other agencies' fees were comprehensively evaluated?
- What level of service do the other agencies provide compared to the City's?
- Are other agencies' rate structures significantly different than the City's and what is each entities' rate structure intended to achieve?

6. Rehabilitation Funds

The Utilities have established Water, Wastewater and Solid Waste Rehabilitation Funds (the "Rehabilitation Funds". The Water and Wastewater Rehabilitation Funds administer the capital rehabilitation and replacement of existing infrastructure assets. Solid Waste Rehabilitation Funds are used for the rehabilitation and replacement of bins and cans.

Policy

Sources of Revenue

The primary source of revenue for the Rehabilitation Funds is Utility rates. City Council adopted Utility rate schedules include an amount for the rehabilitation or replacement of infrastructure assets or capital assets for each utility. The rates are collected in the Operations Funds and transferred to the Rehabilitation Funds.

The Wastewater Rehabilitation Fund also includes local wastewater connection fees. These fees are collected for the specific purpose of purchasing and/or replacing capital equipment required for the maintenance of wastewater facilities. Other sources of revenue for the Wastewater Rehabilitation Fund include:

- Interest earned on unexpended funds or reserves that will remain in the Rehabilitation Funds and be available for approved expenditures.
- Any grant, loan, or other source of revenue obtained for the purpose of capital rehabilitation or replacement or infrastructure assets will be included in the Rehabilitation Fund, made available for approved expenditures, and accounted for as required by the grant, loan, or other source.

Expenditures

Rehabilitation Funds may only be used for Water and Wastewater infrastructure asset or Solid Waste capital asset capital rehabilitation or replacement expenditures. These expenditures:

- Must serve the purpose of benefiting the existing Water, Wastewater, or Solid Waste Utility customers.
- Must be approved by City Council.

- Must be included in the Rehabilitation Plan unless needed for unanticipated utility emergency purposes.
- May include updates necessary to comply with changes to regulatory requirements.
- Must be necessary to maintain the existing level of service which may include technological advancements.
- Must not increase capacity or conduct improvements beyond the scope described above.
- May be approved to pay for the respective utilities' debt service.
- If incurred in conjunction with an outside source of revenue (i.e. grant), must be accounted for as required by the outside revenue source.

Investments

Investments must be made in accordance with City investment policies.

Fund Balances

The Rehabilitation Funds will be administered independent of each other and of any other funds within the Utilities or the City. Lending of funds to or from the Rehabilitation Funds must be approved by City Council, must be considered only for the benefit of the respective water, wastewater, and solid waste systems and utility funds, and only for the benefit of the respective water, wastewater, and solid waste customers. Interest will be paid at the then prevailing interest rate for city-pooled investments. Further, the majority of each Utility's Rehabilitation Fund balances should be invested or held in "liquid" assets (e.g. cash, money market accounts, treasuries, etc.) in order to ensure that immediate rehabilitation expenses can be met in a timely manner. Lending from the Rehabilitation funds will only be considered if they do not conflict with planned capital plan needs over the horizon of the repayment period.

Assessment of Capital Plan

The water and wastewater capital rehabilitation and replacement needs will be reevaluated periodically. Items to be considered include, but are not limited to:

- Asset lifetimes by class of asset
- Inflation rates for both operating and capital costs
- Unit costs for asset replacement
- Fund interest yield rates
- Condition, criticality, and operational usefulness of assets
- Desired levels of service
- Consequences when desired levels are not met
- Risk of asset failure and level of acceptable risk of failure
- Measurements of various asset attributes that indicate how well an asset performs

The amounts transferred from Operation Funds to Rehabilitation Funds will be adjusted as necessary to reflect changes in the rehabilitation and replacement funding requirements. The impact of such adjustments on utility rates will also be analyzed to determine if an adjustment to water, wastewater, or solid waste utility rates is necessary.

Roseville Public Utilities Commission

The Roseville Public Utilities Commission will provide recommendations on the implementation of these policies, as appropriate, consistent with their role as an advisory body to the Roseville City Council.

Rehabilitation Fund Policy Review

The Rehabilitation Fund Policies designate a reassessment of the policies from time to time to determine if any changes are necessary. Any changes must be approved by the City Council.

7. Recommended Debt Service Coverage and Operating Ratio Policies

This Policy recommends managing funds primarily to Debt Service Coverage ("DSC") or Operating Ratios while maintaining a focus on reserves as well in order to meet each Utility's management goals.

Policy

A practical minimum DSC is 1.00x without reserves because at 1.00x, the Utilities are paying operating costs and debt service on a cash flow basis. There are, however, below the line cash outflows that should also be considered.

Direct Debt Service Coverage and Operating Ratio Policy

This Policy recommends the Water and Wastewater Utilities maintain DSC of 1.80x. This level maintains a cushion above the bond covenant requirement of 1.10x for the Wastewater Utility and 1.20x for the Water Utility. At 1.80x DSC, the Water and Wastewater Utilities can reliably use cash flow to pay for their operations including related depreciation expenses. The 1.80x DSC would leave adequate cash funding available to invest in general system improvements; however, significant capital improvements or additions would probably have to be financed with debt. This strikes a balance between funding capital through higher rates paid by current customers and funding capital through bond financing paid by future customers.

The Solid Waste Utility has historically enjoyed stable Net Operating Revenues. Due to the lack of volatility and overall lack of depreciable assets, it is recommended that the Solid Waste Utility maintain an Operating Ratio of 1.30x. The 1.30x Operating Ratio would leave sufficient cash funding available to invest in any necessary capital improvements on a pay-go basis.

Using Reserves to Meet Coverage

The Policy recommends that the Utilities calculate DSC and Operating Ratios without Reserves and without accounting for Rate Stabilization Fund draws. The use of rolling coverage in calculating DSC is very useful for legal compliance purposes but it is not recommended for operating and financial management purposes as it may give an inaccurate depiction of financial health.

8. Recommended Reserve Policy

Reserves are important to the Utilities because they help to:

- Ensure cash exists for the timely payment of bills.
- Maintain the short-term and long-term financial health of each Utility.
- Maintain stable rates for customers.
- Fund unanticipated cost contingencies.
- Ensure funds exist for system improvements.
- Act as a significant factor in bond ratings.
- Identify when financing should be procured.
- Identify the need for rate actions.

Policy

The most common approach to sizing Reserves is by number of days of expenses. Water and wastewater utilities of about equivalent size to the City of Roseville Water and Wastewater Utilities typically have reserves of at least 250 days. Reserves of approximately 365 Days' Cash would be more typical for AA-/A+ category rated utilities and would be more appropriate to match the risks that the Water and Wastewater Utilities manage. It is recommended that the Solid Waste Utility maintain Days' Cash of approximately 90 days for the reasons described below.

Operating Risk Management

The Utilities use reserves to handle fluctuations and adjustments in every day expenses.

It is recommended that each Utility maintains approximately 90 days' worth of Operating Expenses as one subcomponent of the Reserves. Such reserves would, amongst other things, be intended to cover timing issues with regard to payments, fluctuations in purchased water costs, and other operational issues. In consideration of these fluctuations in cost and cash requirement, 90 Days' Cash for regular operation management is a modest first component of the recommended Reserves.

System Critical Failure

Each Utility should consider maintaining a portion of the Reserves that is for a single emergency event (e.g. treatment facility closure, conveyance disruption, etc.). In total, it is recommended that the Reserves set aside for system critical failure be equivalent to approximately 1.0 - 2.0% of the Capital Assets belonging to each respective Utility. Due to the lack of Capital Assets possessed by the Solid Waste Utility, it is not recommended that the Solid Waste Utility keep any reserves for the event of a system critical failure.

This component of the Reserves may be forgone if it is determined that each Utility's exposure to critical failures is adequately covered through insurance.

Rate Stabilization

In addition to addressing operating and maintenance issues, Reserves serve two other important purposes:

1. Reserves act as a shock absorber for ratepayers.
2. Reserves offer security to each Utility's debt holders. If an unusual financial or operating event leaves a Utility short of cash, Reserves can be used to avoid an immediate increase in rates to cover the shortfall.

Keeping some Reserves for rate stabilization would allow the Utilities to ensure that under virtually no circumstance would an Event of Default situation occur within a single year, and that the City Council would have the year to contemplate ways to prevent investors from enforcing rate actions on the Utilities' customers.

For such reasons, it is advisable that the Water and Wastewater Utilities target Reserves sized for rate stabilization at approximately 50% of annual operating expenses or roughly 180 Days' Cash. Because the Solid Waste Utility does not hold any debt and has historically experienced very stable net revenues, it is recommended that the Solid Waste Utility not hold any reserves for the purpose of rate stabilization.

Other Uses for Reserves

The aforementioned categories are those that most clearly merit the allocation of Reserves but are by no means the only categories of financial exposure that the Utilities could manage with Reserves. For instance, the Utilities have significant Pension and Other Post-Employment Benefit liabilities that could generate a cash requirement. Further, to the extent that the Solid Waste Utility faces fees for the closure of a landfill or similar occurrence, it may be prudent to hold additional reserves for such an event. Other risk categories such as interest rate exposure are relatively small and do not need to be reserved for separately, but are real risks that could potentially be managed with Reserves.

Reserve Policy Summary

These recommendations would suggest that the following would be the appropriate Reserve levels for each Utility:

- Operating Risk Management: 90 Days' Cash
- System Critical Failure (Water and Wastewater Only): 1.0 - 2.0% of Capital Assets
- Rate Stabilization (Water and Wastewater only): ~180 Days' Cash
- Total Reserves: ~270 Days' Cash plus 1.0 - 2.0% of Capital Assets (Water and Wastewater); 90 Days' Cash (Solid Waste)

While these areas of consideration were evaluated in order to conceptualize the appropriate size of the Reserves, each Utility intends to maintain a single Reserve without separate buckets. These Reserve allocations are neither abnormally high nor low for industry standards. Each component of the Reserves is sized at less than the maximum possible exposure for each component because there is a recognition that it is unlikely several of the risks each Utility faces would materialize simultaneously.

Building and Drawing Upon Reserves

The Water and Wastewater Utilities are targeting Reserves of about 270 Days' Cash plus 1.0 - 2.0% of Capital Assets while the Solid Waste Utility is targeting 90 Days' Cash, however, there is no intention of setting rates to maintain Reserves equal to the levels prescribed above. The purpose of Reserves is to address the financial impacts of revenue and expense fluctuations and unanticipated events. Excess reserves can be used for several financial imperatives including but not limited to: financing capital improvements on a pay-go basis, paying down existing debt, or lowering rates. The general philosophy of the proposed range is that the Water and Wastewater Utilities should target 270 Days' Cash plus 1.0 - 2.0% of Capital Assets and the Solid Waste Utility should target reserves of 90 Days' Cash. Each of the Utilities should limit reserves to 130% of the respective reserve targets.

Each Utility's Reserves would increase or decrease depending upon many factors for a given year; however, to the extent that each Utility achieves its DSC or Operating Ratio Policy targets, Reserves would remain fairly stable. Reserves would increase or decrease under the following conditions:

- Net Revenues Available for Debt Service are higher or lower than budgeted/projected as a result of higher or lower Revenues and Expenses
- Debt Service is higher or lower than budgeted/projected
- Capital investment in the system from Net Revenues is higher or lower than budgeted/projected
- Debt issued for capital investment is greater or less than budgeted/projected

9. Interaction Between Coverage and Ratios, Reserves, and Rates

For reasons described in the sections above, the Policy prescribed specific targets for DSC and Operating Ratios and Reserves. However, the Policy anticipates that in practice there is a range of acceptable results and a balance between cash flow and reserve levels is warranted.

A rate increase should be considered by the City Council if any of the following conditions (the "Rate Increase Conditions") are projected in the five-year forecast:

- DSC without Reserves will be less than 1.80x
- Operating Ratios (Solid Waste Only) without Reserves will be less than 1.30x
- Any rate increase would be greater than six percent
- A major expenditure is expected

Rate increases indicated by the above conditions that would exceed six percent in any one year can be spread over multiple years.

No rate increase for the purpose of increasing reserves or DSC should be considered if DSC or Operating Ratios without Reserves are above their respective targeted levels and Reserves are projected to be greater than the targeted levels of 270 Days' Cash plus 1.0 – 2.0% of Capital Assets for the Water and Wastewater Utilities and 90 Days' Cash for the Solid Waste Utility.

Lastly, it is important to note that recommendations in the Policy are associated with projected financial conditions for the Fiscal Year End of future years. Actual results will vary based on weather, market conditions, etc. In addition, Reserves and cash flow may be more or less robust within a Fiscal Year, relative to the Fiscal Year End but considering such fluctuations within a year would overly complicate monitoring with only marginal benefit.

10. Conclusion

The Policy was drafted with the intent of providing guiding directives to the Utilities' management and staff for decisions and recommendations related to each Utility's financial profile.

The Policy is a fairly incremental change from existing policies. Specifically, the Policy affirms the currently used Rehabilitation and Enterprise Fund guidelines, clarifies and adjusts targets for cash flows available for debt service and operating costs, and adjusts targets for sizing Reserves (previously 40% of Operating Expenses).

In its most abbreviated form, the Policy targets 1.80x DSC without Reserves for the Water and Wastewater Utilities and an Operating Ratio of 1.30x for the Solid Waste Utility. It targets Unrestricted Reserves sized at 270 Days' Cash plus 1.0 – 2.0% of Capital Assets for the Water and Wastewater Utilities and 90 Days' Cash for the Solid Waste Utility and establishes tolerable maximums. The Policy also provides recommended conditions for rate actions when cash flows and/or Reserves deviate from the targets. The table below summarizes the policy targets described above.

Summary of Policy Targets			
Utility	**Water**	**Wastewater**	**Solid Waste**
Debt Service Coverage or Operating Ratio (x)	1.80 DSC	1.80 DSC	1.30
Reserves (Days' Cash)			
Operating Risk Management	90	90	90
System Critical Failure (% of Capital Assets)	1-2%	1-2%	0%
Rate Stabilization	180	180	0
Total	270 + 1-2% of Capital Assets	270 + 1-2% of Capital Assets	90

The Policy is intended to be revisited and updated periodically if there are material changes in the risk exposures or conditions each Utility faces.

Finally, and perhaps most importantly, the Policy is ultimately intended to serve as a guide and it in no way restricts the ability of the City Council to review proposed rate actions, debt issuances, or other actions of substance to each Utility.

Appendix I – Peer Water Utility Financial Management Results

Peer Water Utility Financial Results (FY2014)			
Utility	**City of Redding [1]**	**City of Sacramento[2]**	**Yuba City**
Ratings (M/S/F)	-/AA/-	-/AA-/AA-	-/A+/AA-
Revenues/Expenses			
Operating Revenues	$18,423,339	$94,382,000	$11,794,764
Operating Expenses (Excluding Depreciation)	$13,245,963	$43,215,000	$4,815,664
Net Operating Revenue	$5,177,376	$51,167,000	$6,979,100
Non-Operating Revenue (Expenses)	$1,074,049	($4,373,000)	$2,468,918
Net Revenue Available for Debt Service[3]	$6,515,804	$46,794,000	$5,204,350
Depreciation & Amortization	$3,457,758	$16,951,000	$4,718,299
Net Revenue after Depreciation & Amortization	$2,793,667	$29,843,000	$4,729,719
Cash			
Unrestricted[4]	$23,402,105	$71,087,000	$14,543,831
Days' Cash on Hand	645	600	1,102
Debt			
Total Debt Outstanding	$5,925,956	$399,134,612	$50,214,569
Annual Debt Service	$1,091,335	$11,279,000	$2,915,149
Debt Service Coverage (Operating)	5.97x	4.15x	1.79x
Debt Service Coverage	4.74x	4.54x	2.39x

[1]Issues debt through the Redding Joint Powers Financing Authority
[2]City of Sacramento reports data rounded to the nearest thousand
[3]If not specified, assumed to be Net Operating Revenue (Excluding Depreciation) plus Non-Operating Income
[4]Unrestricted Cash defined as: "Unrestricted Net Assets"
Data from City of Redding, City of Sacramento, and Yuba City comprehensive annual financial reports

Appendix II – Peer Wastewater Utility Financial Management Results

Peer Wastewater Utility Financial Results (FY2014)			
Utility	**City of Redding [1]**	**City of Stockton**	**City of Vacaville**
Ratings (M/S/F)	-/AA/-	Ba1/-/A-	-/-/-
Revenues/Expenses			
Operating Revenues	$22,720,092	$59,953,318	$32,219,462
Operating Expenses (Excluding Depreciation)	$12,527,074	$40,172,822	$18,603,458
Net Operating Revenue	$10,193,018	$19,780,496	$13,616,004
Non-Operating Revenue (Expenses)	($175,350)	($3,662,856)	($662,109)
Net Revenue Available for Debt Service[2]	$11,645,032	$21,057,331	$12,953,895
Depreciation & Amortization	$5,924,400	$11,161,304	$5,367,829
Net Revenue after Depreciation & Amortization	$4,093,268	$4,956,336	$7,586,066
Cash			
Unrestricted[3]	$20,151,993	$38,576,321	$61,918,880
Days' Cash on Hand	587	350	1,215
Debt			
Total Debt Outstanding	$91,119,042	$81,270,000	$168,768,665
Annual Debt Service	$8,117,463	$7,373,138	$8,557,860
Debt Service Coverage (Operating)	1.26x	2.68x	1.59x
Debt Service Coverage	1.43x	2.86x	1.51x

[1]Issues debt through the Redding Joint Powers Financing Authority
[2]If not specified, assumed to be Net Operating Revenue (Excluding Depreciation) plus Non-Operating Income
[3]Unrestricted Cash defined as: "Unrestricted Net Assets"
Data from City of Redding, City of Stockton, and City of Vacaville comprehensive annual financial reports