

CITY OF REDLANDS
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION
MEETING AGENDA
MONDAY, OCTOBER 7, 2024

STEVE STOCKTON
Chairperson

**CHANDRASEKAR 'CV'
VENKATRAMAN**
Vice Chairperson

ROBERT MEALS
Commissioner

PAUL NORWOOD
Commissioner

THOMAS BREITKREUZ
Commissioner

DAVID GARCIA
Commissioner

ADEKUNLE OJO
Commissioner

JOHN R. HARRIS
Municipal Utilities
& Engineering
Director

GOUTAM K. DOBEY
City Engineer

FERNANDO MATA
Wastewater Utility
Manager

PAUL MARISCAL
Water Utility
Manager

JUNG PARK
Laboratory
Manager

4:00 PM Open Public Meeting
City of Redlands
Horace Hinkley Water Treatment Plant
1604 Crafton Avenue
Mentone, California 92359

Anyone desiring to speak on an agenda item at this meeting may do so during the consideration of that item. Due to time constraints and the number of persons wishing to give oral testimony, public comments will be limited to three (3) minutes.

- *To provide comment, simply raise your hand to speak*

The following comprises the agenda for the regular meeting of the Municipal Utilities/Public Works Commission of the City of Redlands.

CITY OF REDLANDS
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION
MEETING AGENDA
MONDAY, OCTOBER 7, 2024

A. ATTENDANCE & CALL TO ORDER

B. PUBLIC COMMENT

(Any person wishing to provide public comment may do so at this time.)

C. APPROVAL OF MINUTES

a. August 5 MUPWC Meeting

D. COMMUNICATIONS

a. Director's Report

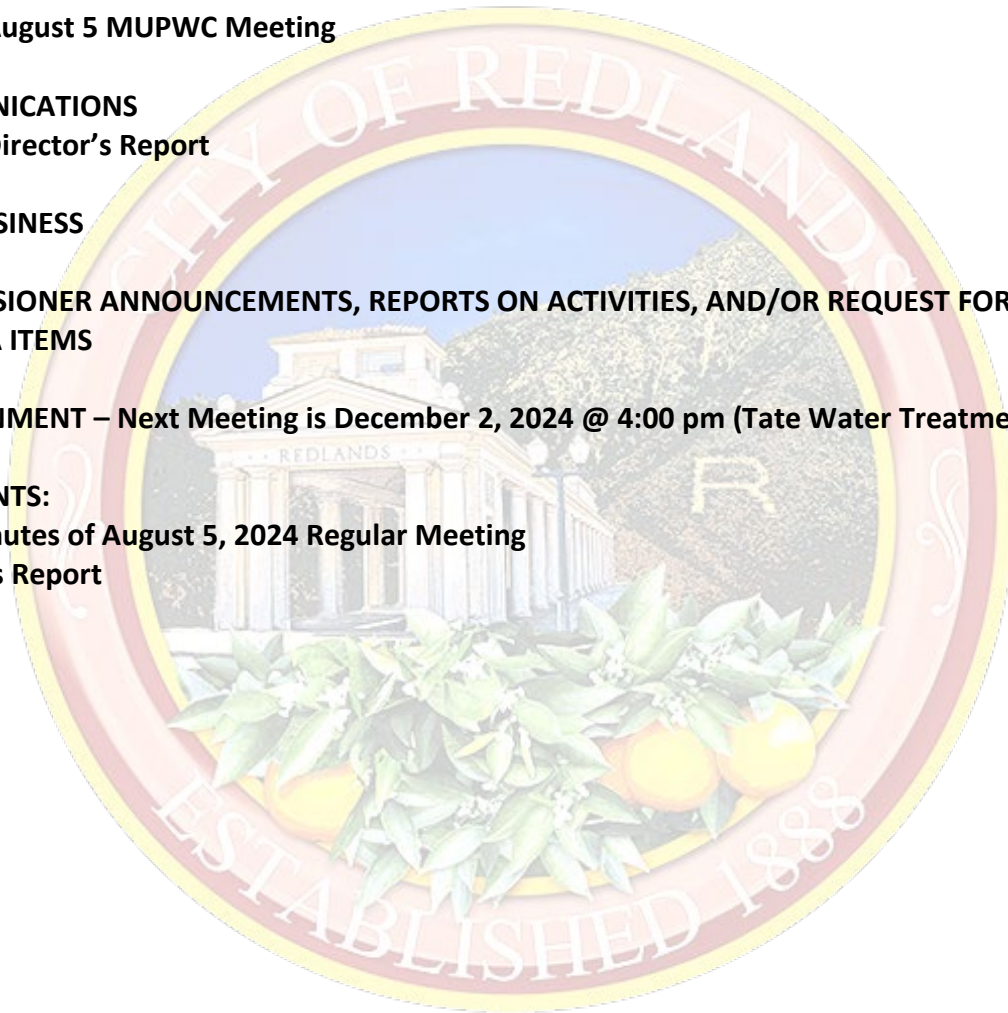
E. NEW BUSINESS

F. COMMISSIONER ANNOUNCEMENTS, REPORTS ON ACTIVITIES, AND/OR REQUEST FOR FUTURE AGENDA ITEMS

G. ADJOURNMENT – Next Meeting is December 2, 2024 @ 4:00 pm (Tate Water Treatment Plant)

ATTACHMENTS:

- 1. Draft Minutes of August 5, 2024 Regular Meeting**
- 2. Director's Report**



DRAFT
(for MUPWC review on 10/07)
MINUTES

Regular meeting of the City of Redlands Municipal Utilities/Public Works Commission on August 5, 2024 at 4:00 PM Wastewater Treatment Plant 1950 Nevada St. The meeting was an in-person meeting.

A. ATTENDANCE & CALL TO ORDER

Present: Adekunle Ojo, Chairperson
Steve Stockton, Vice Chairperson
David Garcia, Commissioner
Robert Meals, Commissioner
Paul Norwood, Commissioner

Absent: Thomas Breitzkreuz, Commissioner
Chandrasekar 'CV' Venkatraman, Commissioner

City Council Liaison: Mario Saucedo, City Council Member

Staff: John Harris, Municipal Utilities & Engineering Director; Goutam Dobey, City Engineer; Johana Silva, Commission Liaison/Associate Engineer; Sara White, Commission Liaison/Senior Administrative Assistant; Fernando Mata, Wastewater Utility Manager; Paul Mariscal, Water Utility Manager, Jung Park, Laboratory Manager

Guest Speakers: Paul Mariscal, Water Utility Manager, Fernando Mata, Wastewater Utility Manager

Commissioner Steve Stockton, called the meeting to order at 4:19 PM.

B. PUBLIC COMMENT

None.

C. APPROVAL OF MINUTES

The minutes of the meeting of June 3, 2024, were unanimously approved with revisions at the request of David Garcia. Revisions noted

D. COMMUNICATIONS

Before proceeding with Item D., Vice Chair Stockton asked if Item B. was missed. Chairman Ojo asked for a Public Comment. No comments were made.

DRAFT
(for MUPWC review on 10/07)
MINUTES

a. Director's Report

Director Harris stated that he would move through his report quickly.

WWTP P2 Project Update:

John Harris: Still working on this project. Water Board has been provided with everything they have asked for this project is still on track

Water Meter Replacement Project:

We are still working on this project. We are still about 10 months out from grant approval. There is an option for extension request if needed it will be requested in January.

PMP Update:

In the developing stages and will be ready to send out to bid fairly soon. The city has now reconstructed a vast majority of the streets and are now shifting focus on street maintenance now.

Water Conservation:

Following up on water conservation objectives as requested by commission with summary. State legislation has just passed and is driving the city towards budget-based rates. A calculation will be required to be provide a summary to the state showing how much water is being used in various categories. Which might influence goals and priorities for the city moving forward. John Harris stated that he would like to see the city move away from portable water when watering some of the city groves and move to using non portable water. Looking to the future JH would like to see push out recycle water south of the 1-10 (which will happen with the new California) and after that then the next push would likely be east of the I-210.

Stockton questions regarding the groves near the WWTP. Discussion ensues regarding the Tennessee well an old irrigation well and the little know history of that well and use of it.

Ojo Adekunle comments: On Prospect Park and the fact that it is on potable water and the goal Director Harris' goal to work towards changing it to non-potable water fed location.

John Harris further discusses the future goals of the non-potable water use specifically for location such as Prospect Park.

Daivid Garcia comments:

Regarding upcoming City Council agenda item specifically the PARIS project. The PARIS 5 year project is complete project continues

DRAFT
(for MUPWC review on 10/07)

MINUTES

Water Conservation objectives. Who represents the city on the water conservation Boards questions the percentage of stock owned by Redlands. Redlands is the majority share holders.

Mr. Garcias questions Redlands heights well being rehabilitated and what happens when it is not in use and will the portable water be delivered to the customers?

John Harris states the well was rehabbed and the project was finished. Customers were on portable water during that project.

Mr. Stockton questions what happens to the existing shares of the shareholders of South Mountain Water? John Harris provides an explanation of how the city will move forward with honoring the water exchange agreements at the delivery rate that was adopted by the Board.

Caltrans/SBCTA Projects:

No discussion.

Please visit the following agency websites for specific project details:

Caltrans District 8 - <https://dot.ca.gov/caltrans-near-me/district-8/district-8-current-projects>

SBCTA - <https://www.gosbcta.com/projects/>

Q3 Capital Improvement Project Update:

Commission provided with copy. No discussion.

No further questions on the Director's report.

E. NEW BUSINESS

Mr. Stockton puts sewer back on the table. Mr. Stockton request information regarding activity on Cajon St. Goutam provides CIP Sewer line project the pipe was cracked and the sewer line is being replaced the manhole is being rehabbed. Discussion ensues regarding manhole rehabbing throughout the city. It is suggested that Commission be added to weekly CIP project updates email so that they may remain informed regarding the general information on each active project.

Ojo Adekunle requests for future items and reads the "Purpose of the Commission" and asks that close session items to be discussed with out details such as terms and conditions in the future. He has experienced questions from the public due to his seat on the commission. Also request future items be brought to the commission just for feedback purposes.

John Harris advises all commission members to direct any residents' questions to him and he will happily address them.

DRAFT
(for MUPWC review on 10/07)
MINUTES

F. COMMISSIONER ANNOUNCEMENTS, REPORTS ON ACTIVITIES, AND/OR REQUESTS FOR FUTURE AGENDA ITEMS

No further comments.

G. ADJOURNMENT – Next meeting scheduled for October 7, 2024 at 4:00 PM at Hinkley Water Treatment Plant located at 1604 Crafton Ave, Mentone CA 92359

There being no further business the meeting was adjourned at 4:47 PM. The next meeting of the City of Redlands Municipal Utilities/Public Works Commission is scheduled for October 7, 2024.



City of
REDLANDS
Incorporated 1888
Municipal Utilities & Engineering Department

JOHN R. HARRIS
Director

MEMORANDUM

TO: Steve Stockton, Municipal Utilities/Public Works Commission Chair

FROM: John R. Harris, Municipal Utilities & Engineering Department Director

DATE: September 30, 2024

SUBJECT: October 7, 2024 Director's Report

Hello and thank you for serving the Redlands community as a Municipal Utilities/Public Works Commissioner (MUPWC)! City of Redlands Municipal Code Chapter 2.38 establishes the responsibilities of the MUPWC as follows:

"The commission is a resource for the City Council and City staff and buffer with the general public. In its advisory capacity, the commission shall be knowledgeable of all public works, utilities and engineering programs. The commission shall, through the individual and collective expertise of its members, provide advice to the Public Works and Municipal Utilities Departments regarding the public acceptability of proposed plans, programs and projects."

Upcoming City Council Meeting Agenda Items

- Supplemental Laboratory Testing Services Agreement Amendment (October 15)
- Columbia Street Restricted Parking Zones (October 15)
- SBCTA Alabama/I-10 Cooperative Agreement Extension (October 15)
- TESCO Controls Agreement Amendment (October 15)
- 2024 CIP Sewer Pipeline Replacement Project Award (November 19)
- Hinckley WTP Sludge Press Construction Project Engineering Support Agreement (November 19)
- Hach Company Agreement (November 19)
- Regional Biosolids Program Feasibility Study Agreement (November 19)

WWTP P2 Project Update

Parsons Engineering completed and submitted all WWTP Improvement Project Phase 2 documents in December 2023. MUED staff and SWRCB staff participated in a kick-off meeting for the acceptance and use of a \$45M State Revolving Fund (SRF) loan to construct these

improvements. The SRF application includes four (4) packages: General Information, Technical, Environmental, and Financial Security. We learned that the timeline for development of a Financing Agreement, which includes additional review of these packages and a general legal review, is approximately two (2) years. MUED staff has provided all requested documentation and continues to work closely with SWRCB staff to expedite this process. The project engineering plans are complete. The SWRCB legal staff is currently drafting the Financing Agreement for City Attorney and Bond Counsel review. It is anticipated that this Agreement will be presented to the City Council in Spring 2025.

Water Meter Replacement Project

MUED is implementing a multi-year project to replace all potable and non-potable water meters within the Redlands service area. Ferguson Waterworks was selected to supply and install the water meters, meter box lids, and Automated Metering Infrastructure (AMI) water meter hardware for use in the future. Ferguson recently completed Phase 2 of the project, which focused on residential and large diameter commercial water meter replacements and AMI hardware retrofits. The water savings value associated with the completion of Phase 2 will be evaluated during the next year.

In July 2022, MUED staff submitted a BOR grant application to partially fund the three (3) remaining project phases. BOR recently approved this funding request and will provide approximately \$2.7M to complete the project. MUED staff submitted a BABA waiver request, which was approved in March 2024, to purchase and install Neptune water meters since no known AMI capable water meter manufacturers meet the BABA requirements. On September 5, 2023, the City Council awarded a new contract to Ferguson for the third and final phase of this project, which consolidates phases 3 – 5 into a single phase. The cost to complete this final project phase is approximately \$6.7M, of which approximately \$2.7M will be reimbursed by BOR. Water meters have been ordered and are being delivered in manageable batches. Ferguson began replacing water meters in mid-July and is anticipated to complete the project in early-2025. The project is currently on-budget, on-schedule, and approximately eighteen percent (18%) complete. A project location map is provided as Attachment “B”.

PMP Update

The FY 23/24 Pavement Rehabilitation Project is complete, and construction of the FY 24/25 Project was recently bid. City Council will consider awarding a contract on October 1. The project will reconstruct eighteen (18) lane miles and will crack seal/slurry ten (10) lane miles of public streets. Portions of Lugonia Avenue and California Street within SB County’s jurisdiction are proposed for rehabilitation. MUED staff negotiated the details of a cooperative agreement to ensure the entire pavement width of these streets is rehabilitated, in lieu of each agency paving their jurisdictional portions separately. City Council approved this Agreement, which obligates SB County to reimburse the City approximately \$900K upon project completion, on September 17. A project location map is provided as Attachment “C”.

Caltrans/SBCTA Projects

Please visit the following agency websites for specific project details:

Caltrans District 8 - <https://dot.ca.gov/caltrans-near-me/district-8/district-8-current-projects>

SBCTA - <https://www.gosbcta.com/projects/>

I will continue to provide project updates and summaries for potentially impactful projects within Redlands and nearby areas.

Caltrans Projects of Interest:

1. Bridge Deck Repairs – Night work (7:00 pm-5:00 am) on Interstate 15 in San Bernardino including deck rehabilitation, concrete overlay, bridge rail/joint seal/approach slab/soffit replacement.
2. SR-330/SR-18 Guardrail Work – Emergency guardrail repair/replacement project related to Line Fire damage.

SBCTA Projects of Interest:

1. Zero-Emission Multiple Unit (ZEMU) – North America’s first federally compliant self-powered, zero-emission passenger train will be used on the Redlands Arrow Line in late-2024. ZEMU uses a hybrid hydrogen and battery technology to propel the train and power onboard electrical systems. Water vapor is the only emission generated from the propulsion system.
2. SR-210/Waterman Avenue Project – Widen eastbound on-ramp to two (2) lanes and restripe the Waterman Avenue overcrossing to provide two (2) left-turn lanes in each direction.

Q3 Capital Improvement Project Update

The MUPWC is charged with, among other things, “*annually reviewing the City CIP under the purview of the Public Works and Municipal Utilities Departments*” (Municipal Code 2.38.030). However, during the December 7, 2020 MUPWC meeting, the Commission asked the MUED staff to provide quarterly CIP updates. A summary and status of CIP projects is provided in Attachment “D”. Highlights of current projects are provided below:

1. Multi-Year Well Rehabilitation & Booster Pump Replacements – Five (5) potable water wells and two (2) non-potable water wells are being rehabilitated in FY 23/24. This work is prioritized to occur during our typical low water demand season. The rehabilitation of six (6) of these seven (7) wells is complete and one (1) well is currently being rehabilitated. All wells will be returned to service before the end of 2024. Following is a short list of specific groundwater wells scheduled for rehabilitation with this project:

1. Church Street Well (potable)
 2. Mentone #2 Well (potable)
 3. Airport #2 Well (potable)
 4. Mill Creek 2A Well (potable)
 5. Rees Well (potable)
 6. Mill Creek #4 Well (non-potable)
 7. Redlands Heights Well (non-potable)
-
2. Tate WTP Raw Water Influent Pipeline Engineering – This project is underway and Carollo Engineers recently submitted the 90% design plans for review. MUED staff reviewed these plans and submitted comments back to Carollo. Additional potholing within Mill Creek is necessary to finalize the design. The Chambers Group is providing environmental permitting support and is coordinating with CDFW to discuss the potholing work, as well as environmental mitigation requirements for the entire project.
 3. Hinckley WTP Sludge Press Engineering –City Council approved a Sole Source Procurement Waiver to purchase the equipment directly from PacPress (Anaheim). The project construction/equipment installation phase will be bid in mid-2025 after the filter press and associated equipment is delivered.
 4. Well Perchlorate Treatment Evaluation – This project is underway. MUED staff recently reviewed the 60% design plans and Preliminary Design Report for review. A recent detection of PFAS will not require design revisions.
 5. Automated Metering Infrastructure (AMI) – Ferguson Enterprises was awarded a contract to install twenty-six (26) gateway collector stations throughout the City to remotely read water meters. This project is substantially complete and thousands of AMI capable water meters are being read remotely. Newly installed AMI capable water meters will immediately be read remotely through this system as they are installed.
 6. Sunset Reservoir Replacement Project – In July 2024, City Council adopted the environmental document and mitigation plan for this project. In 2023, Redlands purchased approximately twenty-two (22) acres adjacent to the existing reservoir site. The goal of this land acquisition was to allow for the construction of up to two (2) additional large (10-15 MG) partially buried reservoirs, while continuing to use the existing reservoir during construction. MUED is developing a scope of work for the next project phase, which will likely be a design/build delivery that will include engineering for both reservoirs and construction of one (1) reservoir.
 7. Phase II & III Water Distribution SCADA Upgrade - Materials have been ordered. Installations are underway and will continue into 2025.
 8. Sewerline Replacement Project – The FY 24/25 project is underway and the project is currently on-budget and on-schedule.

As always, feel free to contact me anytime to discuss MUED issues, programs, projects, or concerns.

John R. Harris



jharris@cityofredlands.org

(909) 725-1963

Attachments:

A – Acronym List

B – Citywide Water Meter Replacement Project Phase 3 Location Map

C – FY 24/25 PMP Location Map

D - CIP Status List

ACRONYMS

AACE	Association for the Advancement of Cost Engineering
AF	Acre-Feet
AFD	Acre-Feet per Day
AFY	Acre-Feet per Year
ADD	Average Day Demand
AMI	Advanced Metering Infrastructure
AMR	Automated Meter Reader
APWA	American Public Works Association
ARPA	American Rescue Plan Act
ASCE	American Society of Civil Engineers
ASL	Above Sea Level
AWWA	American Water Works Association
BABA	Build America Buy American
BOD	Biological Oxygen Demand
BOR	Bureau of Reclamation
BVMWC	Bear Valley Mutual Water Company
CalOSHA	California Division of Occupational Safety and Health Agency
CalWARN	California's Water/Wastewater Agency Response Network
CCR	Consumer Confidence Report
CIP	Capital Improvement Program
CO	Carbon Monoxide
Cogen	Cogeneration
CPUC	California Public Utilities Commission
CWC	Crafton Water Company
DDW	Division of Drinking Water
DIF	Development Impact Fees
DLR	Detection Limit for Purposes of Reporting
DOE	Department of Energy
DU	Dwelling Unit
EDU	Equivalent Dwelling Unit
ELRP	Emergency Load Reduction Program
EOPC	Engineer's Opinion of Probable Cost
EPA	Environmental Protection Agency
EPS	Extended Period Simulation
ERNIE	Emergency Response Network of the Inland Empire
ES	Equalizing Storage
EVWD	East Valley Water District

FCS	Facilities and Community Services Department
FOG	Fats, Oil, and Grease
FPS	Feet Per Second
FSS	Fire Suppression Storage
FY	Fiscal Year
GC	Groundwater Council
GIS	Geographical Information System
GPCD	Gallons per capita day
GPD	Gallons per day
GPM	Gallons per minute
Hinckley WTP	Horace P. Hinckley Water Treatment Plant
HP	Horsepower
HSIP	Highway Improvement Safety Program
I-10	Interstate 10
I-210	Interstate 210
IS/MND	Initial Study/Mitigated Negative Declaration
MBR	Membrane Bioreactor
MCL	Maximum Contaminate Level
MDD	Maximum Day Demand
MG	Million Gallons
MGD	Million Gallons per Day
mg/L	Milligrams per Liter
MUED	Municipal Utilities and Engineering Department
NOx	Nitrogen Oxides
NPW	Non-Potable Water
NTU	Nephelometric Turbidity Unit
O&M	Operations and Maintenance
OS	Operational Storage
PFAS	Per- & Polyfluoroalkyl Substances
PHD	Peak Hour Demand
PMP	Pavement Management Program
PPM	Parts Per Million
PRS	Pressure Reducing Stations
PSI	Pounds per Square Inch
PW	Potable Water

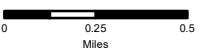
RW	Recycled Water
SAR	Santa Ana River
SB	Stand-by Storage
SBBA	San Bernardino Basin Area
SBV	San Bernardino Valley (formerly San Bernardino Valley Municipal Water District)
SCADA	Supervisory Control and Data Acquisition
SCAQMD	South Coast Air Quality Management District
SCE	Southern California Edison
SGMA	Sustainable Groundwater Management Act
SOC	Synthetic Organic Compounds
SOP	Standard Operating Procedure
SRF	State Revolving Fund
SSMP	Sewer System Management Plan
SWP	State Water Project
SWRCB-DDW	State Water Resources Control Board – Division of Drinking Water
Tate WTP	Henry Tate Water Treatment Plant
TBD	To be determined
TDS	Total Dissolved Solids
TSS	Total Suspended Solids
TTHM	Trihalomethanes
U.S.	United States
UWMP	Urban Water Management Plan
VOC	Volatile Organic Compounds
WD	Water Distribution
WP	Water Production
WSCP	Water Shortage Contingency Plan
WSMP	Water System Master Plan
WTP	Water Treatment Plant
WWTP	Wastewater Treatment Plant

FY23/24 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 24 - 282
- Route 25 - 492
- Route 26 - 329
- Route 27 - 344
- Route 28 - 301
- Route 31 - 271
- Route 32 - 268
- Route 33 - 314
- Route 34 - 324
- Route 45 - 159
- Route 47 - 254
- Route 48 - 221
- Route 51 - 341
- Route 52 - 355
- Route 53 - 310
- Route 54 - 335
- City of Redlands

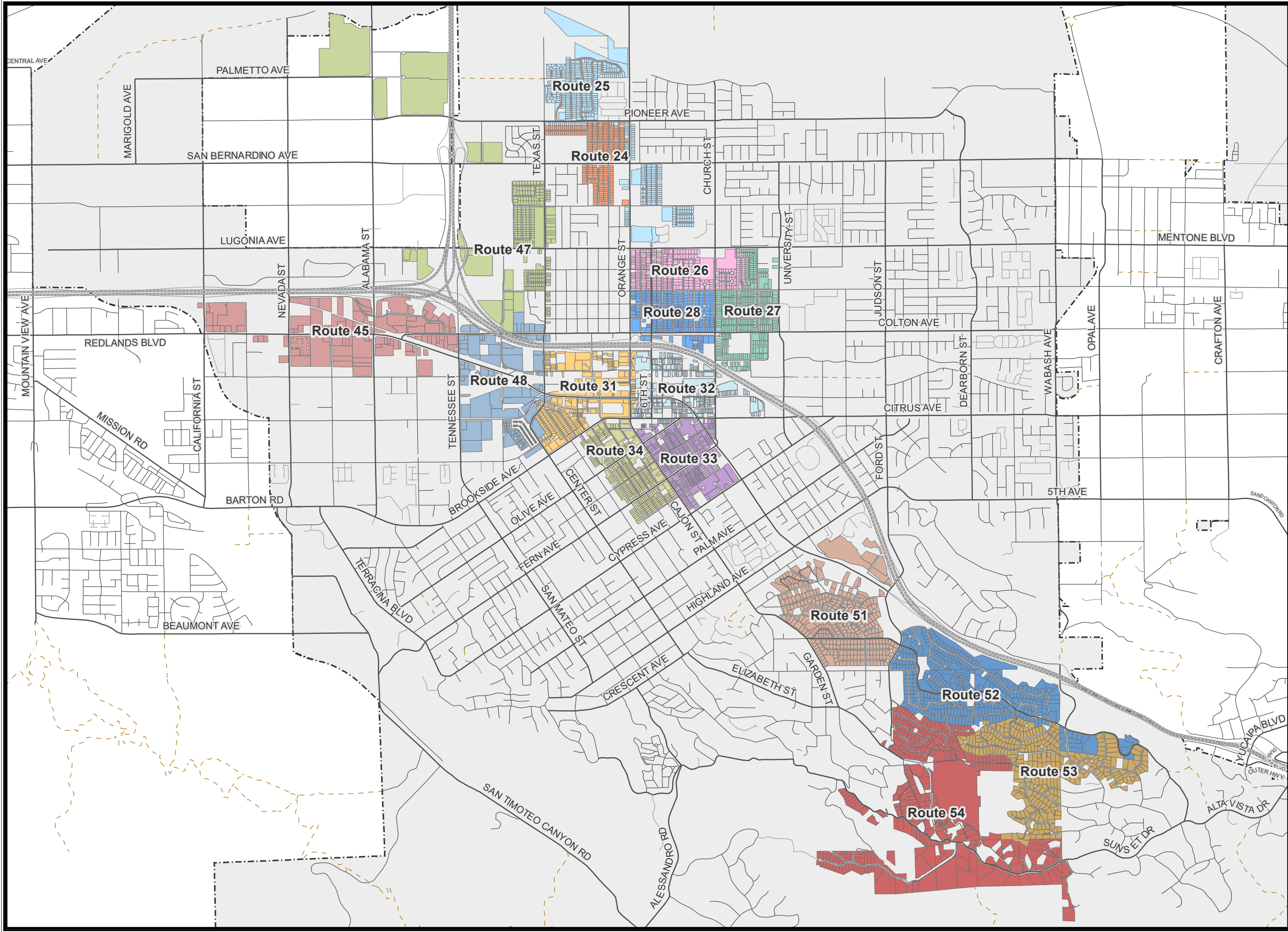
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June 14, 2022

FY23_24Potable.mxd



FY24/25 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 35 - 325
- Route 36 - 278
- Route 37 - 357
- Route 38 - 261
- Route 41 - 339
- Route 42 - 255
- Route 43 - 275
- Route 55 - 341
- Route 56 - 350
- Route 57 - 351
- Route 58 - 249
- Route 61 - 343
- Route 62 - 359
- Route 63 - 455
- Route 64 - 442
- City of Redlands

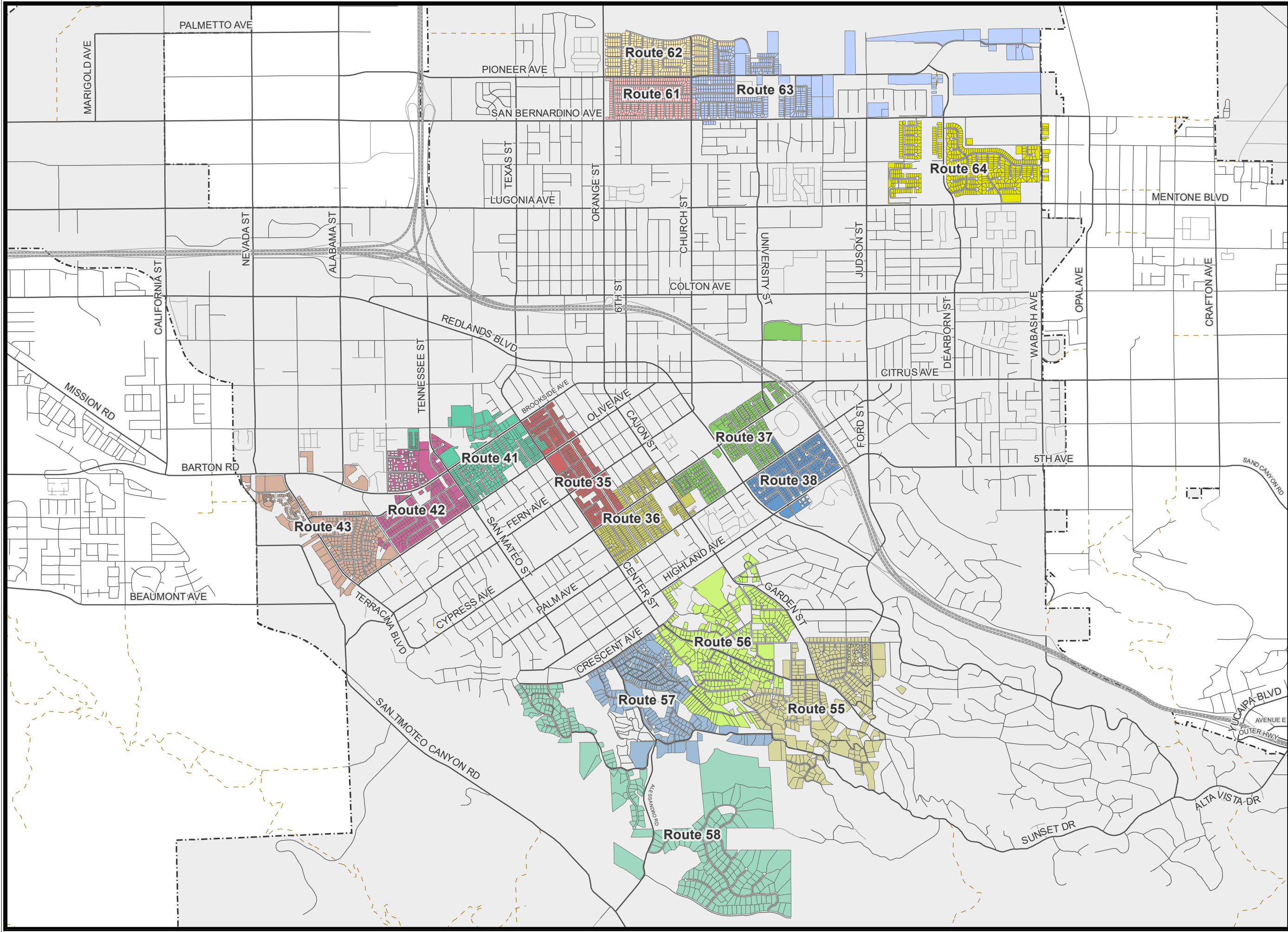
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June 14, 2022

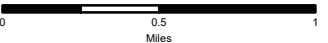
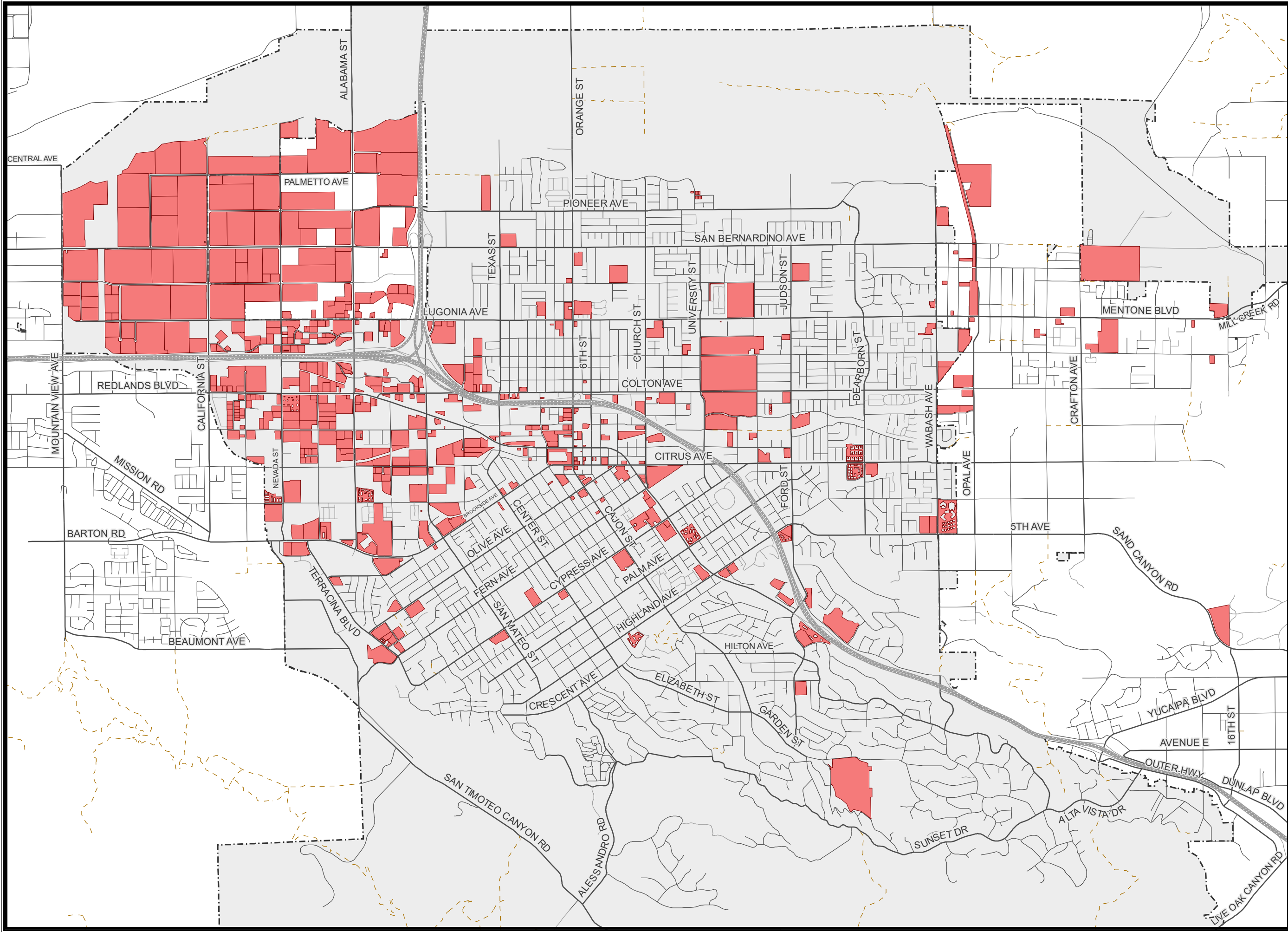
FY24_25Potable.mxd



FY25/26 Fire Protection

Potable Water Meter
Change-Out CIP

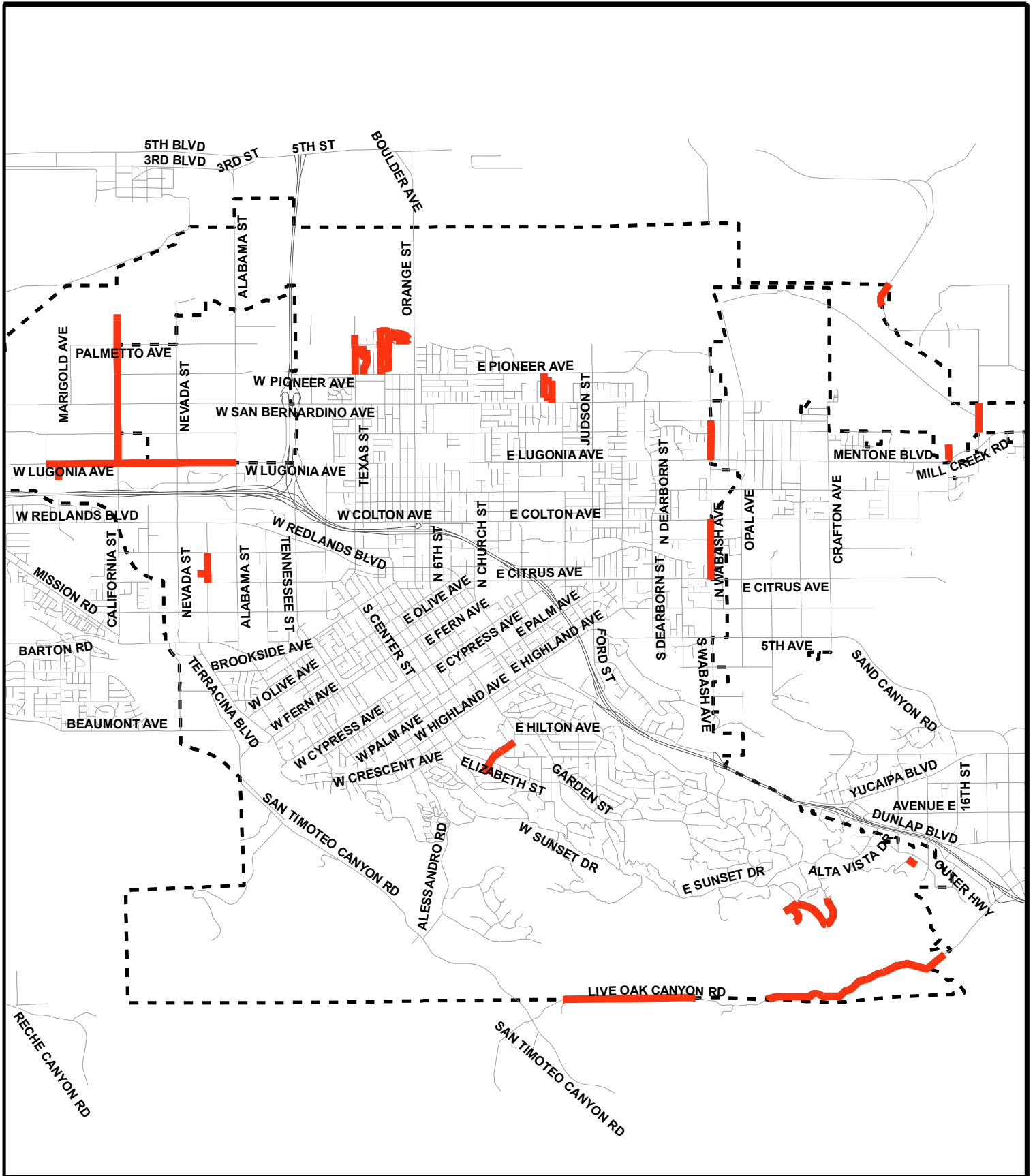
-  Fire Protection
-  City of Redlands



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May 24, 2021

FY25_26Potable_FirePro.mxd



— PMP 2024 PROJECT STREETS

**PMP FY 24/25 STREET RESURFACING PROJECT
LOCATION MAP**



**MUNICIPAL UTILITIES AND ENGINEERING DEPARTMENT
CIP PROJECTS LIST**

PLANNING	Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	FY 2023-24	FY 2024-25	FY 2025-26
P1	WATER	501910		Sunset Reservoir Replacement	PLANNING	0%		Paul/John		
P2	PMP	211910		2025 Alley Paving Improvements	PLANNING	0%		Johana/Elva		\$500,000.00
P3	WATER	501910		2025 CIP Water Pipeline Replacement	PLANNING	0%		Elva/Gerard		\$4,500,000.00
P4	GENERAL	101400		2025 Citywide Sidewalk & ADA Ramp Replacement	PLANNING	0%		Gerard/Elva		\$500,000.00
P5	WASTEWATER	521910		2025 Sewer Pipeline and Manhole Rehabilitation	PLANNING	0%		Gerard/Johana		\$1,500,000.00
P6	WASTEWATER	521910		AC Drive Path	PLANNING	25%		Fernando/Goutam		\$35,000.00
P7	WATER	501910	501065	AWIA Security Fencing	PLANNING	30%		Paul/Goutam	\$3,000,000.00	
P8	ARTERIAL	252400		California Street Widening at Lugonia Ave	PLANNING	0%		Goutam		\$1,150,000.00
P9	WASTEWATER	521910	521037	Concrete Step	PLANNING	5%		Fernando/Goutam	\$50,000.00	
P10	WASTEWATER	521910	521038	Hillside Stabilization Project	PLANNING	5%		Fernando/Goutam	\$300,000.00	
P11	WATER	501910		Hinckley WTP Parking Lot Improvements	PLANNING	0%		Veronica/Gerard		\$225,000.00
P12	PMP	211910		PMP 2025 Street Resurfacing Project	PLANNING	0%		Veronica/Gerard		\$4,000,000.00
P13	WASTEWATER	521910	521036	RTC Replacement	PLANNING	40%		Fernando/Goutam	\$300,000.00	
P14	HSP1 C11	200400	S400028	Traffic Signal Improvement San Bernardino/Church	PLANNING	35%		Veronica	\$653,600.00	
P15	HSP1 C11	200400	S400029	Traffic Signal Hardware Improvements (16 TS)	PLANNING	35%		Veronica	\$245,000.00	
P16	HSP1 C11	200400	S400030	Traffic Signal Timing & Phasing Improvements (16 TS)	PLANNING	35%		Veronica	\$718,100.00	
Planning Projects - Cost Summary								\$0.00	\$5,266,700.00	\$12,410,000.00
DESIGN	Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	Current Budget	Current Budget
D1	TRAFFIC	253400	253017	Traffic Signal Improvement Cypress/Cajon	DESIGN	100%		Elva		
D2	WATER	501910	501063	2023/24 CIP Water Pipeline & Highline Replacement	DESIGN	100%	TKE Engineering	Goutam	\$9,000,000.00	
D3	GENERAL	101400	MUED25002	2024 Citywide Sidewalk & ADA Ramp Replacement	DESIGN	100%		Elva	\$500,000.00	
D4	ARTERIAL	252400	252002	California Street Widening at Redlands Blvd	DESIGN	100%	CASC Engineering and Consulting	Gerard	\$394,345.00	\$4,300,000.00
D5	ARTERIAL	252400	252001	Citrus Avenue Widening Project	DESIGN	95%		Elva		\$1,200,000.00
D6	TDA	241400	C400007	East Valley Corridor Project Alabama Street	DESIGN	100%		Veronica		
D7	WATER	501910	501009	Hinckley WTP Sludge Press	DESIGN	60%	Dudek	Paul/John	\$833,655.00	\$750,000.00
D8	WATER	501910	501028	Fixed Generators - Agate, 5th, Texas & Country Club	DESIGN	100%	Brady & Associates	Paul/Veronica	\$507,549.00	\$1,725,000.00
D9	HSP1 C10	200400	S400021	Enhanced Crosswalk- Dearborn/Judson/Colton/Wabash	DESIGN	95%		Veronica	\$250,000.00	
D10	WATER/SEWER	501/521	501048/521028	Joint Utilities Laboratory Expansion	DESIGN	30%	CDM Smith, Inc.	JP/Goutam		\$745,375.00
D11	TDA	241400	S241006	Orange Blossom Trail Phase 4	DESIGN	100%		Gerard		\$1,232,000.00
D12	WASTEWATER	521910	S531021	Recycled Water for California St Orange Groves Project	DESIGN	100%		Goutam		\$400,000.00
D13	WATER	501910	501040	Tate Transmission Line Replacement	DESIGN	90%	Carollo Engineers, Inc.	Paul/John	\$2,075,096.00	
D14	WATER	501910	501054	Well Drilling	DESIGN	20%	Richard C. Slade & Associates	Paul/Veronica	\$290,000.00	
D15	NON-POTABLE	531910	532001	WWTP Recycled Water Reservoirs Design	DESIGN	100%	Carollo Engineers, Inc.	John	\$734,839.00	
D16	WASTEWATER	521910	521034	WWTP Rehabilitation Phase 2	DESIGN	100%	Parsons	Fernando/Goutam		\$250,000.00
Design Projects - Cost Summary								\$5,085,484.00	\$18,902,375.00	\$58,015,000.00
BID & AWARD	Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget	Current Budget	Current Budget
B1	CRP	200400	F400032	Redlands Regional Connector (South) Project	BID & AWARD	5%	KOA Consultants	Veronica	\$846,000.00	
B2	WASTEWATER	521910	521032	2024 Sewer Pipeline and Manhole Rehabilitation	BID & AWARD	75%		Johana		\$1,500,000.00
Bid & Award Project - Cost Summary								\$846,000.00	\$1,500,000.00	\$0.00
CONSTRUCTION	Org Key	PL	Project Name	Project Phase	Progress	Contractor	PM/Inspector	Contract Amount	Contract Amount	Contract Amount
C1	PMP	211910	211011	2024 Alley Paving Improvements	CONST	1%	Tryco General Engineering	Elva/James		\$483,955.00
C2	PMP	211910	211010	PMP 2024 Street Resurfacing Project	CONST	1%	Match Corporation	Gerard/Daniel		\$4,677,377.00
C3	ARPA	521910	F120002	WWTP Primary Clarifier Upgrade Project	CONST	1%	GSE Construction Company, Inc.	FM/GD/Daniel		\$940,720.00
C4	TDA	241400	S241005	2021 Transit Stop Improvement	CONST	1%	CT&T Concrete Paving	Veronica/Daniel		\$111,046.65
C5	WASTEWATER	521910	521030	2023 CIP Sewer Pipeline Replacement	CONST	45%	All Cities Engineering, Inc.	Johana/Chris	\$2,485,353.00	
C6	GENERAL/PMP	101/211	211009	2023 Alley Paving Improvements	CONST	80%	Tryco General Engineering	Elva/James	\$1,738,285.00	
C7	WATER	501910	C501064	Water Meter Replacement (Potable/Non-potable) Project	CONST	60%	Ferguson Enterprises, LLC	John/Aaron/Chris	\$6,747,257.96	
C8	WATER	501910	501006	Water System SCADA Design & Integration-Final Phase	CONST	65%	TESCO Controls, Inc.	Paul/Daniel	\$4,727,968.00	
C9	WATER	501910	501006	Automated Metering Infrastructure Project	CONST	95%	Ferguson Enterprises, LLC	Paul/Aaron/Chris	\$792,876.00	
Construction Projects - Cost Summary								\$16,491,739.96	\$6,213,098.65	\$0.00
Project Total Dollars								\$22,423,223.96	\$31,882,173.65	\$70,425,000.00