

CITY OF REDLANDS
MUNICIPAL UTILITIES/PUBLIC WORKS COMMISSION
MEETING AGENDA
MONDAY, AUGUST 7, 2023

ADEKUNLE OJO
Chairperson

STEVE STOCKTON
Vice Chairperson

ROBERT MEALS
Commissioner

ZACHARY TRAVIS
Commissioner

THOMAS BREITKREUZ
Commissioner

DAVID GARCIA
Commissioner

CHANDRASEKAR 'CV'
VENKATRAMAN
Commissioner

4:00 PM Open Public Meeting
City Council Chambers
Civic Center
35 Cajon Street
Redlands, California

JOHN R. HARRIS
Municipal Utilities
& Engineering
Director

GOUTAM K. DOBEY
City Engineer

FERNANDO MATA
Wastewater Utility
Manager

PAUL MARISCAL
Water Utility
Manager

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, AUGUST 7, 2023

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. June 5, 2023 Regular Meeting Minutes

D. COMMUNICATIONS

- a. Director's Report
- b. San Bernardino Valley Water Conservation District Annual Update
- c. Schedule for the Commission's Annual Report to City Council

E. NEW BUSINESS

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

G. ADJOURNMENT – Next Meeting is October 2, 2023 @ 4:00 pm

ATTACHMENTS:

- 1. Draft Minutes of June 5, 2023 Regular Meeting
- 2. Director's Report



DRAFT
(for MUPWC review on 8/7)
MINUTES

Regular meeting of the City of Redlands Municipal Utilities/Public Works Commission on June 5, 2023 at 4:00 PM in the Council Chambers at the Civic Center, 35 Cajon Street. The meeting was an in-person meeting with teleconferencing available via Zoom. Votes were conducted in person and by roll call.

A. ATTENDANCE & CALL TO ORDER

Present: Adekunle Ojo, Chairperson
Steve Stockton, Vice Chairperson
David Garcia, Commissioner
Chandrasekar ‘CV’ Venkatraman, Commissioner
Zachary Travis, Commissioner (joined at 4:02 PM)
Thomas Breitzkreuz, Commissioner
Robert Meals, Commissioner

Staff: John Harris, Municipal Utilities & Engineering Director; Goutam Dobey, City Engineer; Johana Silva, Commission Liaison/Associate Engineer; Mario Saucedo, City Council Liaison; Fernando Mata, Wastewater Utility Manager; Jungjoon Park, Joint Utilities Laboratory Manager; Paul Mariscal, Water Utility Manager

Chairman Ojo called the meeting to order at 4:00 PM.

B. PUBLIC COMMENT

None forthcoming.

C. APPROVAL OF MINUTES

Commissioner Garcia commented on errors in the minutes. On the motion by Commissioner CV, seconded by Commissioner Stockton, the minutes of the regular meeting of April 3, 2023, were approved.

E. NEW BUSINESS

a. MUPWC – Student Commissioner

In the interest of time, the order of the agenda was modified, and item E was introduced for discussion ahead of its original placement.

Mr. Harris provided an overview of neighboring communities that have commissions or committees similar to the MUPWC and discussed the involvement of students in those commissions. Subsequently, a discussion arose regarding the possibility of adding a student commissioner, granting voting rights to the student, considering their ability to comprehend technical topics discussed, allowing them to apply for vacancies, and eliminating any limitations on who can serve on the commission. After deliberation, a general consensus was reached to retain the current commission structure, with the understanding that the possibility of adding a student commissioner would be revisited annually.

DRAFT
(for MUPWC review on 8/7)

MINUTES

D. COMMUNICATIONS

b. Solid Waste Program Update

Mr. Harris introduced Chris Boatman, the Assistant City Manager, to provide an update on the Solid Waste Program. During the presentation, Mr. Boatman covered the history of solid waste rates, the ongoing process of updating the current rate model, the replacement of aging truck inventory, and the City's contract to optimize truck routes for increased efficiency. Furthermore, Mr. Boatman informed the commission about several landfill projects, including the completion of a new landfill cell two (2) years ago and the pending AQMD permit for upgrading the gas flare. He also mentioned that the current life expectancy of the landfill extends beyond 2060. Additionally, Mr. Boatman provided updates on the City's efforts to comply with the State's mandate requirements concerning organic waste.

a. Director's Report

During the course of the meeting, the commission requested to revisit topics from the previously skipped agenda item D(a) Director's Report.

Director Harris provided the following updates from his Director's Report:

USFS/San Manuel Tribe Land Swap: A possible land exchange is being considered between the U.S. Forest Service and the San Manuel Band of Mission Indians. If approved, there is a concern that the Tribe might redirect water from these drainages.

Groundwater Council Update: The initial five (5) year term of the Groundwater Council is coming to an end, and a "Renewal Committee" has been established to update the Framework Agreement. The proposed First Amendment to the Framework Agreement entails a fifty percent (50%) reduction in Redlands' surface water entitlement credit. The City decided not to sign the agreement and, instead, extended the current agreement by one (1) year.

City Groves: The City obtained approval from the State to convert the Palmetto groves to recycled water. Additionally, the City has applied for funding to extend a recycled water line to the groves on California Street.

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

Items requested for the next regular Commission meeting agenda were as follows:

Sidewalk Improvement Project– Update on the progress of the project.

San Bernardino Valley Water District Presentation—Updates from SBVWD representatives and other agencies regarding projects that are complimentary to the City.

Meter Replacement Program– Cost saving with the meter replacement program.

DRAFT
(for MUPWC review on 8/7)
MINUTES

Chairman Ojo updated the commission on a few projects in the region. The Santa Ana River Enhanced Recharge Phase 1B project consists of the addition of 20 recharge basins to facilitate capturing and recharging water. San Bernardino Valley Municipal Water District is developing the Sunrise Ranch Master Plan master plan for 1,658 acres of undeveloped land. Lastly, the Headwaters Resiliency Partnership aims to identify solutions with water supply challenges in the forest headwaters.

G. ADJOURNMENT – Next regular meeting is August 7, 2023 at 6:00 PM

There being no further business the meeting adjourned at 5:06 PM. The next regular meeting of the City of Redlands Municipal Utilities/Public Works Commission is scheduled for August 7, 2023.

DRAFT



City of
REDLANDS
Incorporated 1888
Municipal Utilities & Engineering Department

JOHN R. HARRIS
Director

MEMORANDUM

TO: Adekunle Ojo, Municipal Utilities/Public Works Commission Chair

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

DATE: July 31, 2023

SUBJECT: August 7, 2023 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

- 5-Year Capital Project Needs Analysis (FY 23/24 – FY 27/28)
- Pavement Accelerated Repair Implementation Strategy (PARIS) Annual Report
- Citywide Water Meter Replacement Project Agreement – Ferguson
- Mission Zanja Channel Lining Agreement
- Virtual Project Management Software Agreement
- Labor Compliance Tracking Software Agreement
- 2023 Sewer System Management Plan
- Crosswalk In-Roadway Lighting Agreement
- Alabama Septage Disposal Ponds Agreement Amendment

City Grove Irrigation Conversion

The City's Palmetto Groves on the east and west side of the City landfill are now being irrigated with recycled water produced at the adjacent City wastewater treatment plant. This will relieve the burden on the potable water production and treatment operations by approximately 35 – 45

AFY. Also, MUED recently received a \$100,000 SBV Water Conservation Program award, which requires a \$100,000 City match, to extend the recycled water distribution system piping south on California Street to convert the City’s California Grove and West Redlands Gateway Grove from potable water irrigation to recycled water irrigation. This project will reduce the potable water production and treatment system burden by an additional 40 – 50 AFY. MUED will next focus on converting the Prospect Park irrigation system, which typically requires 90 – 110 AFY, from potable water to non-potable water since the use of recycled water at this grove is not practical. The City owns shares in several mutual water companies capable of supplying irrigation water to Prospect Park. A City Owned Citrus Groves Map is provided as Attachment “B”.

WWTP P2 Project Update

Parsons Engineering continues to develop and refine the WWTP Improvement Project Phase 2 design, and has made significant progress toward completion of the following design elements:

Task 1 – Conduct Facility Condition Assessment	P1 = 100%/P2 = 99%
Task 2 – Develop Multipurpose Project Report/Implementation Plan	100% Complete
Task 3 – Provide Engineering Design Services	P1 = 100%/P2 = 95%
Task 4 – PM, Communication, QC	P1 = 100%/P2 = 95%

SCE recently approved the project electrical supply design and Parsons is finalizing the design. MUED submitted a \$45M State Revolving Fund (SRF) loan application for construction of these improvements prior to the December 31, 2022 submittal deadline and learned that the application was not selected for full or partial funding. The application will be reconsidered during the next SRF cycle. Parsons recently provided a Class 1 Construction Cost Estimate with the 90% design plans for all project elements totaling approximately \$110M, which includes indirect costs, direct costs, and allowances. MUED is evaluating opportunities to fund and construct the project in phases.

Water Meter Replacement Project

MUED is implementing a five (5) 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 (Attachment “C”), which focused on residential and small 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. It appears BOR will approve this funding request and will provide approximately \$2.7M to complete the project. MUED staff and Ferguson are working to consolidate the three (3) remaining project phases into a single phase, which is anticipated to cost approximately \$6.5M. A Project Location Map is provided as Attachment “D”.

PMP Update

Match Corporation was awarded a \$4.9M Construction Contract for the FY 22/23 project and mobilized on May 15, 2023. The project is currently on-budget and on-schedule, with an anticipated completion in late-October. A project location map is provided as Attachment “E”. MUED staff is currently developing the FY 23/24 PMP plans and specifications.

Annual Citywide Sidewalk/ADA Ramp Replacement Project Update

Tryco General Engineering was awarded a \$1M Construction Contract for the FY 22/23 project and mobilized in January. The project is currently on-budget and on-schedule, with an anticipated completion date in mid-August. A project location map is provided as Attachment “F”.

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 “G”. Highlights of current projects are provided below:

1. Multi-Year Well Rehabilitation & Booster Pump Replacements – Four (4) potable water wells and three (3) non-potable water wells are being rehabilitated in FY 22/23. This work is prioritized to occur during our typical low water demand season. Five (5) of these seven (7) wells are have been rehabilitated and are back in service, one (1) well is currently being rehabilitated, and one (1) well will be rehabilitated soon. Following is a short list of specific groundwater wells scheduled for rehabilitation with this project:
 - a. Task 2.1 - Madeira Well (potable)
 - b. Task 2.2 - Mentone #2 Well (potable)
 - c. Task 2.3 - Well #38 (potable)
 - d. Task 2.4 - Well #39 (potable)
 - e. Task 2.5 - New York Street Well (non-potable)
 - f. Task 2.6 - Well #11 (non-potable)
 - g. Task 2.7 - Well #36 (non-potable)

2. Recycled Water Reservoir Engineering – This project is underway and Carollo Engineers recently submitted a 60% Plans, Specifications, and Construction Cost Estimate for

construction of a single 2.5 MG concrete reservoir and several distribution system improvements.

3. Tate WTP Raw Water Influent Pipeline Engineering – This project is underway and Carollo Engineers recently submitted the 60% design plans for review. MUED staff reviewed these plans and submitted comments back to Carollo.
4. Hinckley WTP Sludge Press Engineering – This project is underway and Dudek will submit the 60% design plans for review in late-August.
5. Well Perchlorate Treatment Evaluation – This project is underway and Dudek is developing 30% design plans. A recent detection of PFAS may require an expansion to the scope of work.
6. University Street/Brockton Avenue Traffic Signal - Currently in construction. Project completion is anticipated in late-September.
7. FY 22/23 Waterline Replacement Project – A Construction Contract was recently awarded to Tryco General Engineering and construction began in early-May. A Project Location Map is provided as Attachment “H”.
8. Phase II & III Water Distribution SCADA Upgrade - Materials have been ordered. Installations began recently and will continue through December 2023.
9. Alley Paving Project – The FY 22/23 project was awarded to Onyx Paving and construction began in early-June. A project location map is provided as Attachment “I”.
10. Sewerline Replacement Project – The FY 22/23 project was awarded to CEM and construction began in July. A project location map is provided as Attachment “J”.
11. The 2022 HSIP Cycle 8 Ped Heads and 2022 HSIP Cycle 8 EVP projects are nearly complete.

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 – City Owned Citrus Groves Map

C – FY 22/23 Citywide Water Meter Replacement Project Location Map

D – FY 23/24 – FY 25/26 Citywide Water Meter Replacement Project Location Map

E - FY 22/23 PMP Location Map

F – FY 22/23 Sidewalk & ADA Ramp Replacement Project Location Map

G – CIP Status List

H – FY 22/23 Waterline Replacement Project Location Map

I – FY 22/23 Alley Paving Project Location Map

J – FY 22/23 Sewerline Replacement Project Location Map



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
ASCE	American Society of Civil Engineers
ASL	Above Sea Level
AWWA	American Water Works Association
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
CWC	Crafton Water Company
DDW	Division of Drinking Water
DIF	Development Impact Fees
DU	Dwelling Unit
EDU	Equivalent Dwelling Unit
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
FPS	Feet Per Second
FSS	Fire Suppression Storage
FY	Fiscal Year
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
MCL	Maximum Contaminant Level
MDD	Maximum Day Demand
MG	Million Gallons
MGD	Million Gallons per Day
mg/L	Milligrams per Liter
MUED	Municipal Utilities and Engineering Department
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
SCE	Southern California Edison
SOC	Synthetic Organic Compounds
SOP	Standard Operating Procedure
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

City Owned Citrus Groves

 City Groves

NAME	ACRES
Beal Park	0.4
California	4.8
Daniels	4.9
Dearborn & Pioneer	8.6
Fifth Ave	10.6
Fire Station 262	0.04
Granite	2.7
Jacinto Memorial	4.2
Judson	13.1
Lugonia	18
Mountain View	13.9
Mullin	8.5
Olive	3.7
Pioneer & Judson East	2.7
Pioneer & Judson West	4.3
Prospect	25
Ramirez	4.6
Riverview	5.9
Texas	12.5
University	23.5
Wabash	1.4
West Redlands Gateway	6.4
West Riverview	4.3
Total	184.04

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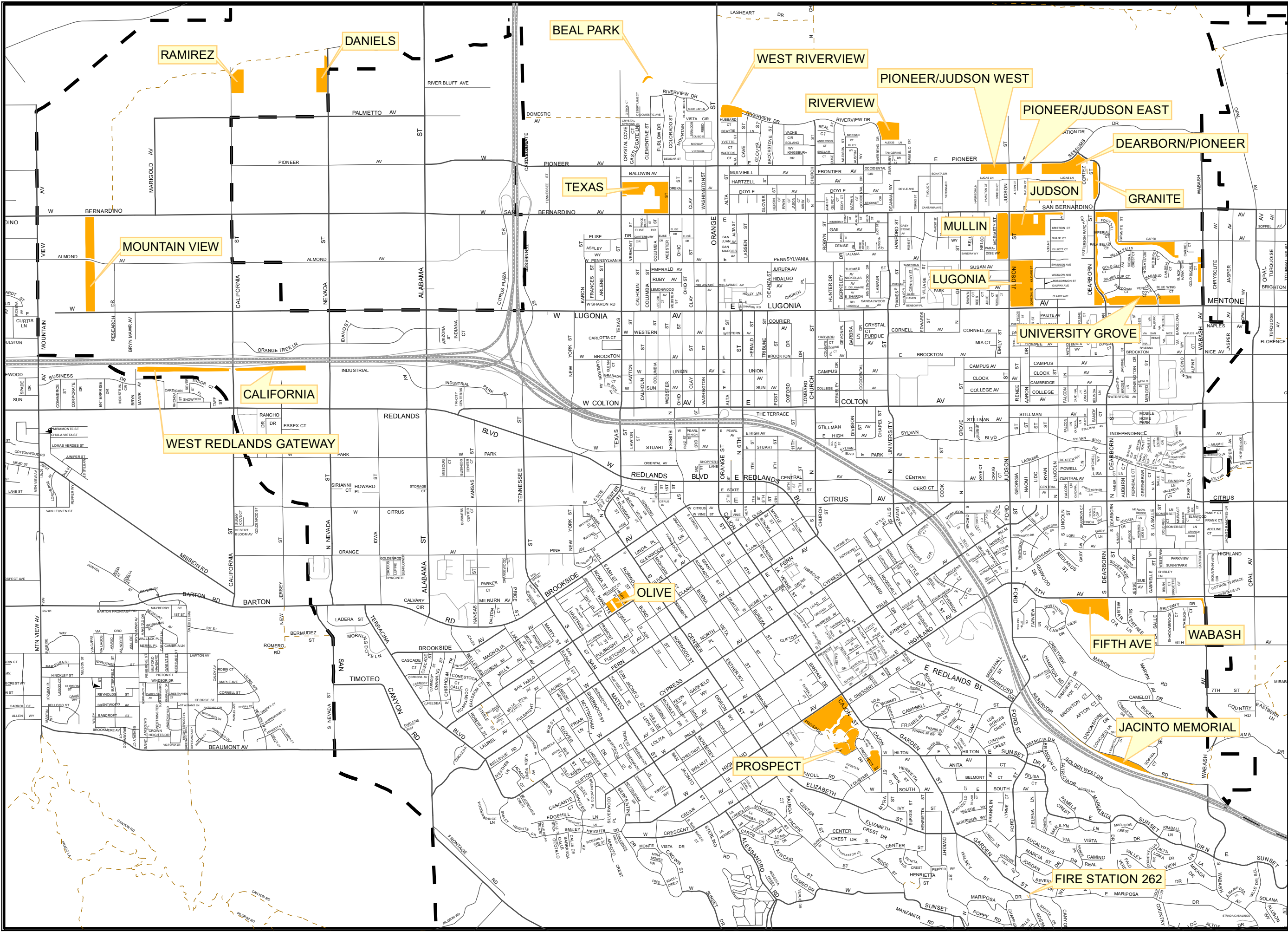


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Miles



May 7, 2020

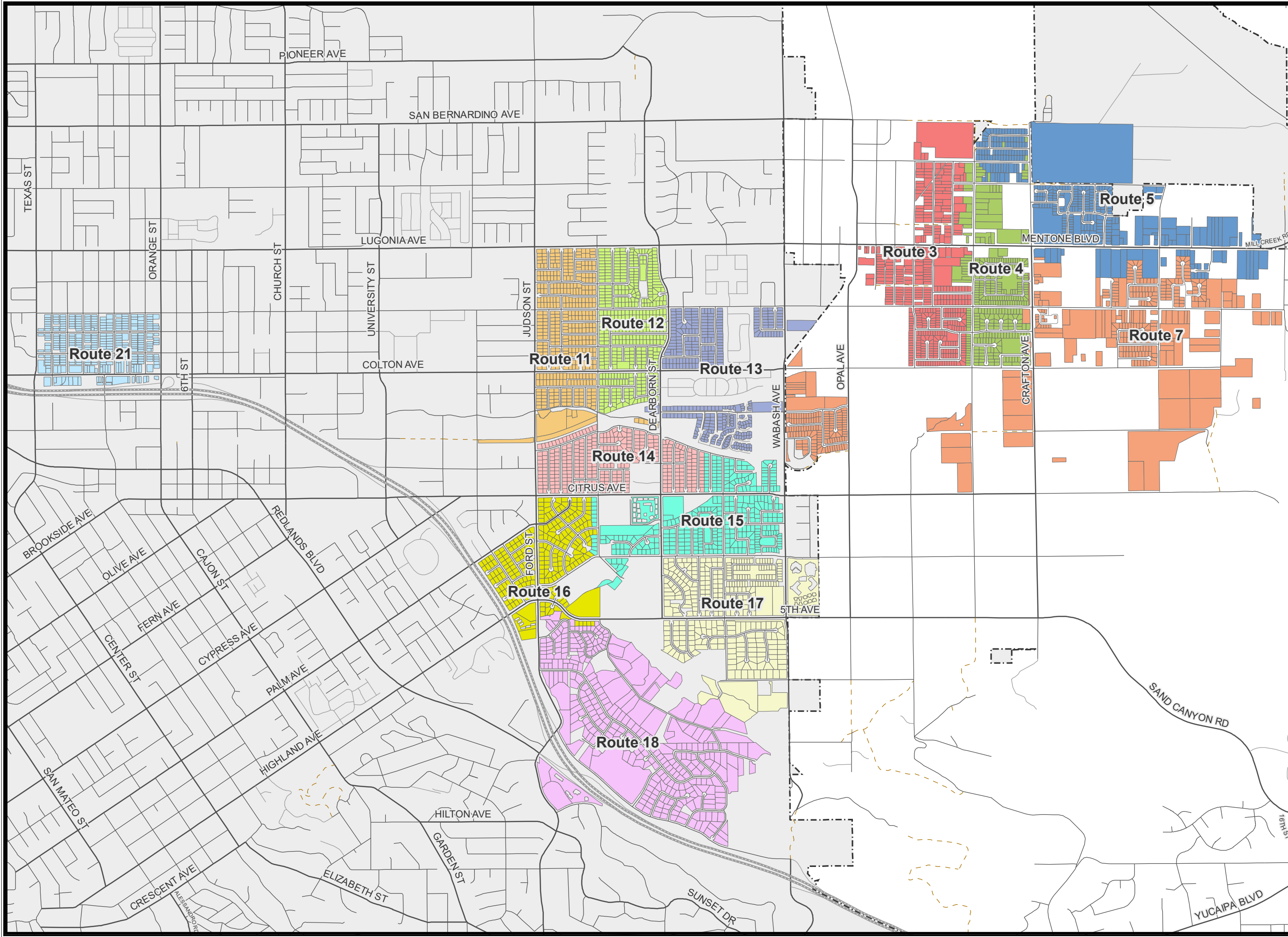
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FY22/23 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 3 - 417 Meters
- Route 4 - 341 Meters
- Route 5 - 322 Meters
- Route 7 - 447 Meters
- Route 11 - 405 Meters
- Route 12 - 404 Meters
- Route 13 - 330 Meters
- Route 14 - 343 Meters
- Route 15 - 320 Meters
- Route 16 - 235 Meters
- Route 17 - 343 Meters
- Route 18 - 302 Meters
- Route 21 - 201 Meters
- City of Redlands



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May 10, 2022

FY22_23Potable.mxd

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

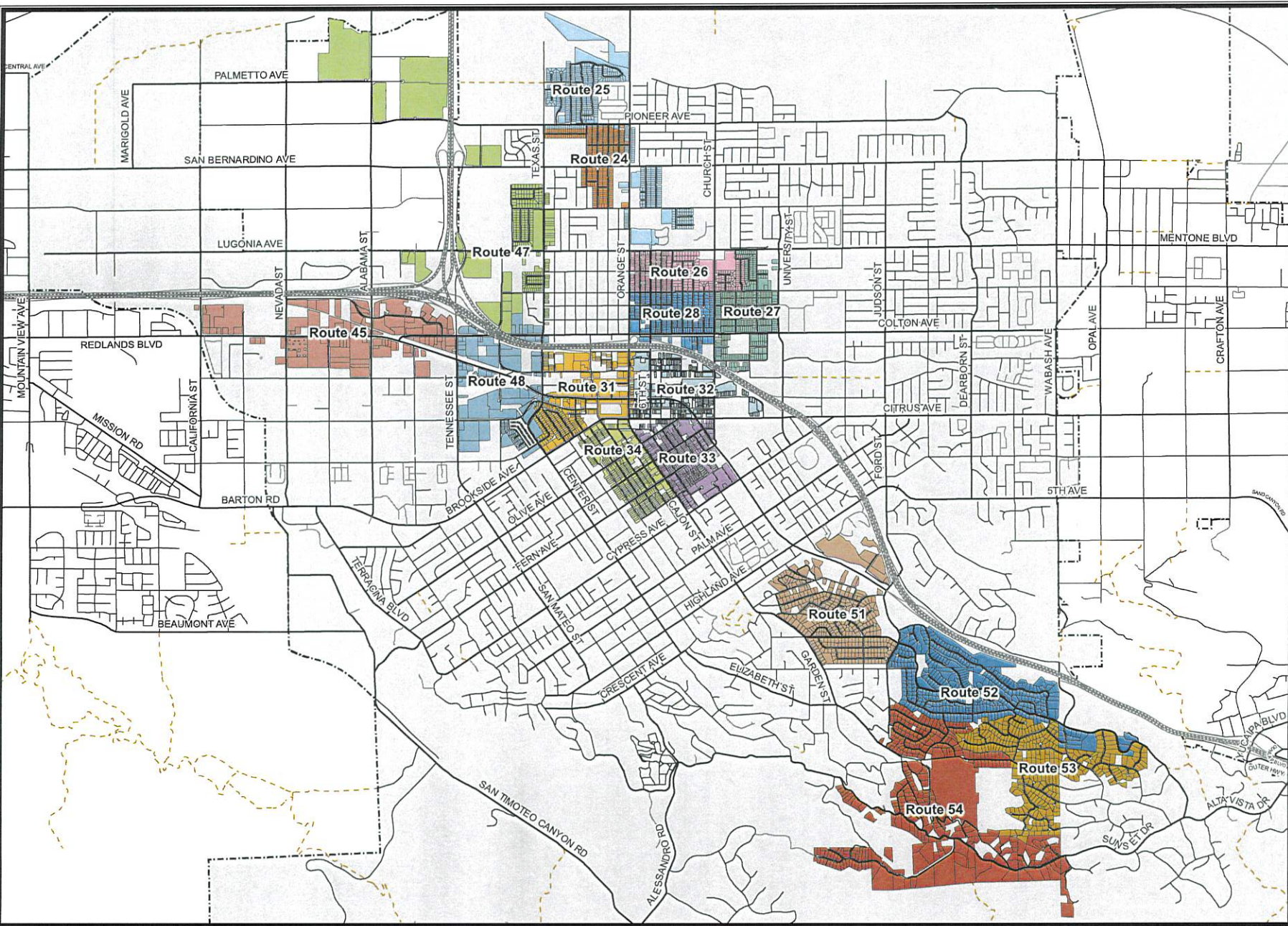
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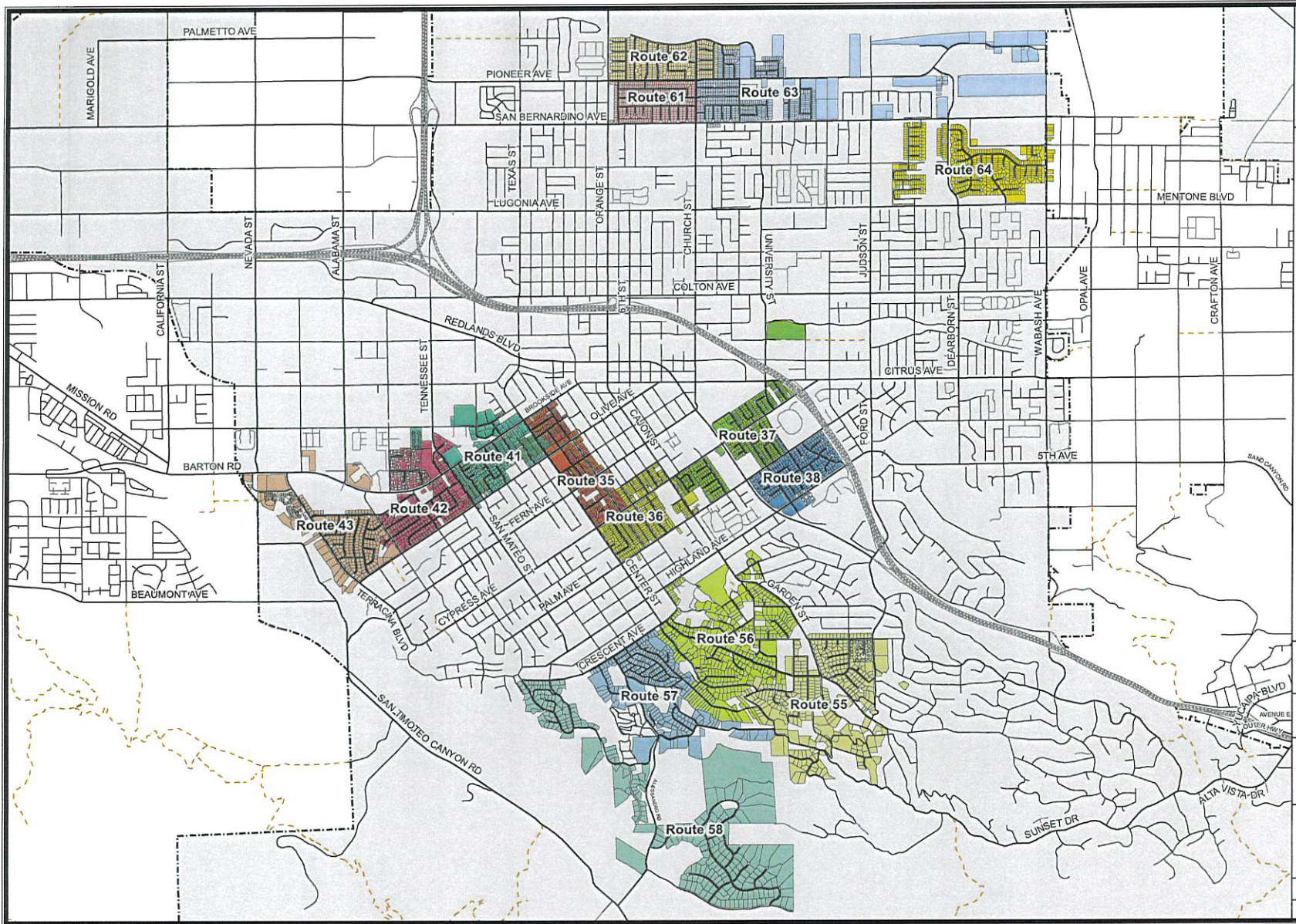


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June 14, 2022

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

Total = 4980



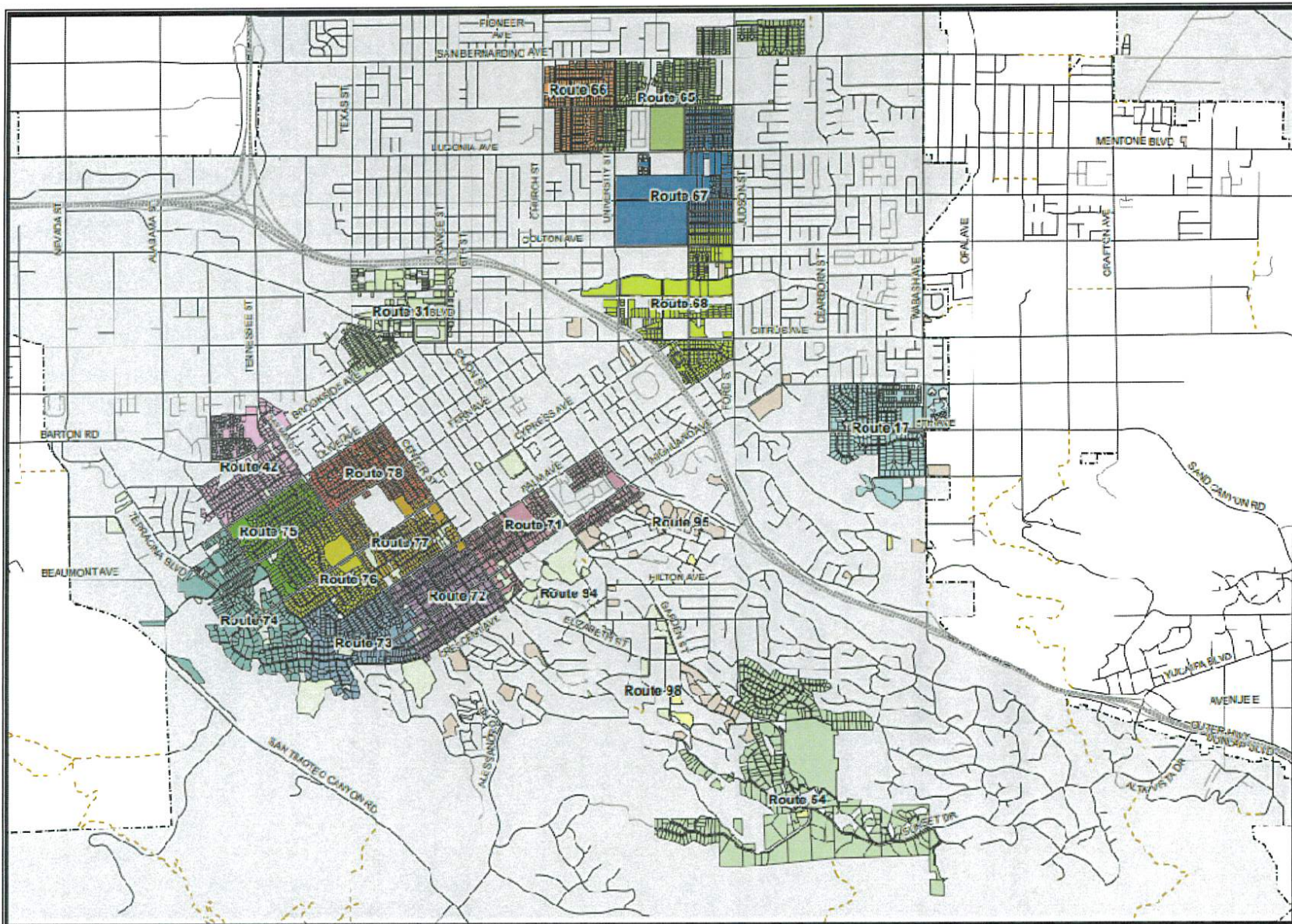
0.25
0.5
Miles



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June 14, 2022

FY24_25Potable.mxd



FY25/26 Meter Routes

Potable Water Meter
Change-Out CIP

- Route 17 - 1
- Route 31 - 1
- Route 42 - 1
- Route 54 - 1
- Route 55 - 524
- Route 56 - 373
- Route 57 - 281
- Route 58 - 360
- Route 71 - 293
- Route 72 - 314
- Route 73 - 295
- Route 74 - 257
- Route 75 - 275
- Route 76 - 273
- Route 77 - 281
- Route 78 - 365
- Route 94 - 55
- Route 95 - 56
- Route 98 - 3
- Other - 1386

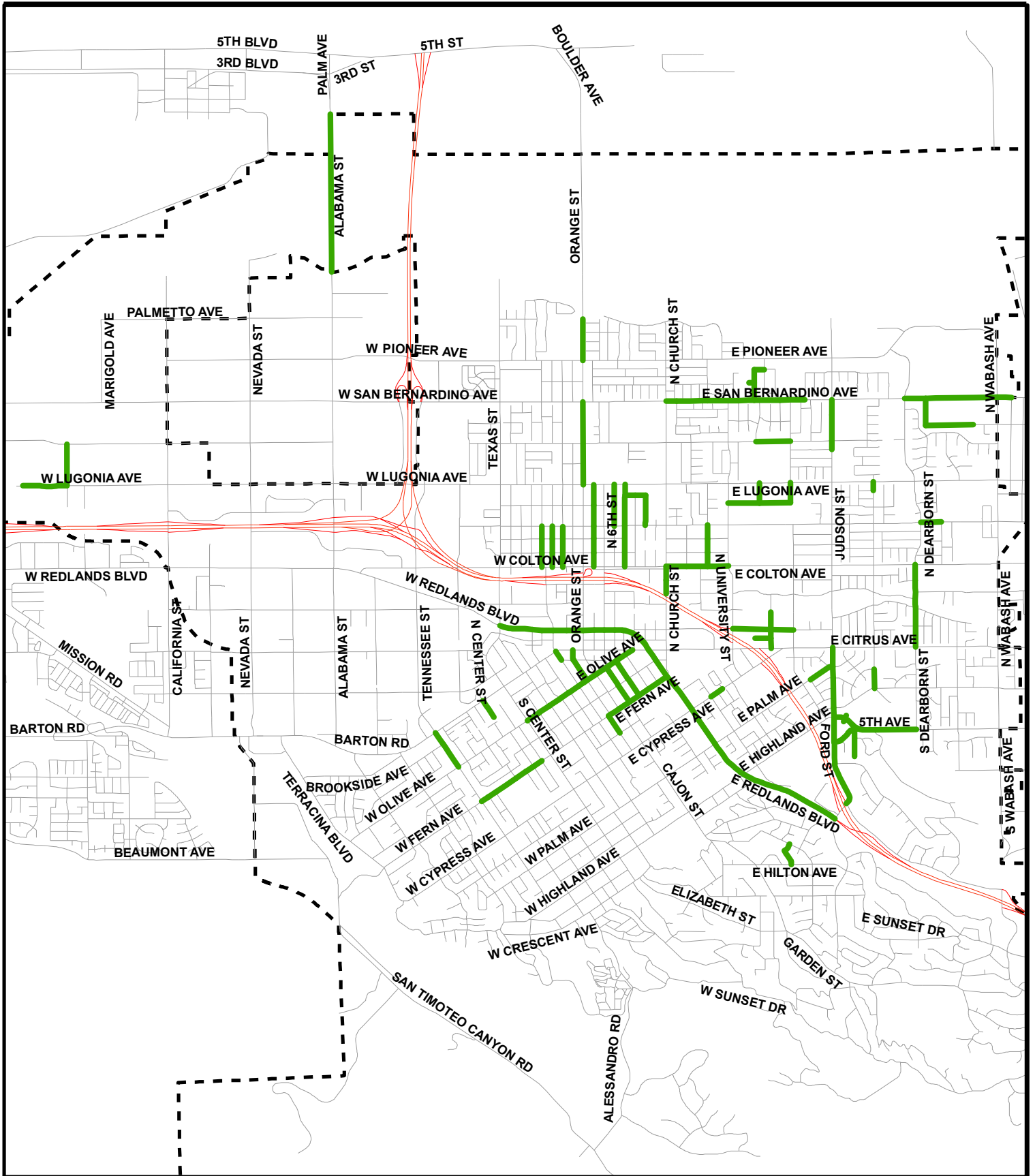
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June 14, 2022

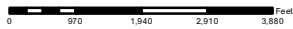
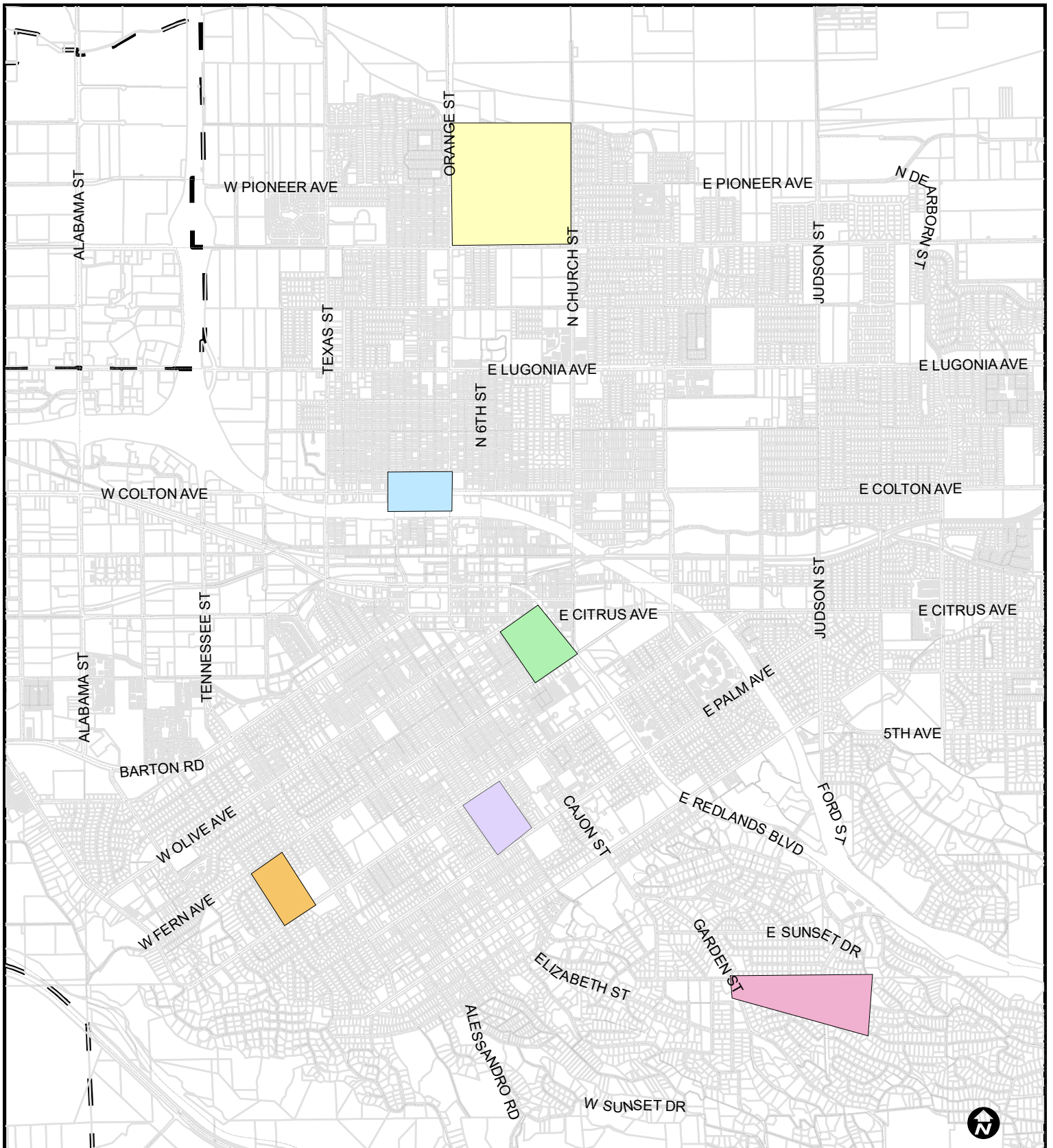
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— PMP 2022 STREETS

PMP 2022 STREET RESURFACING PROJECT LOCATION MAP





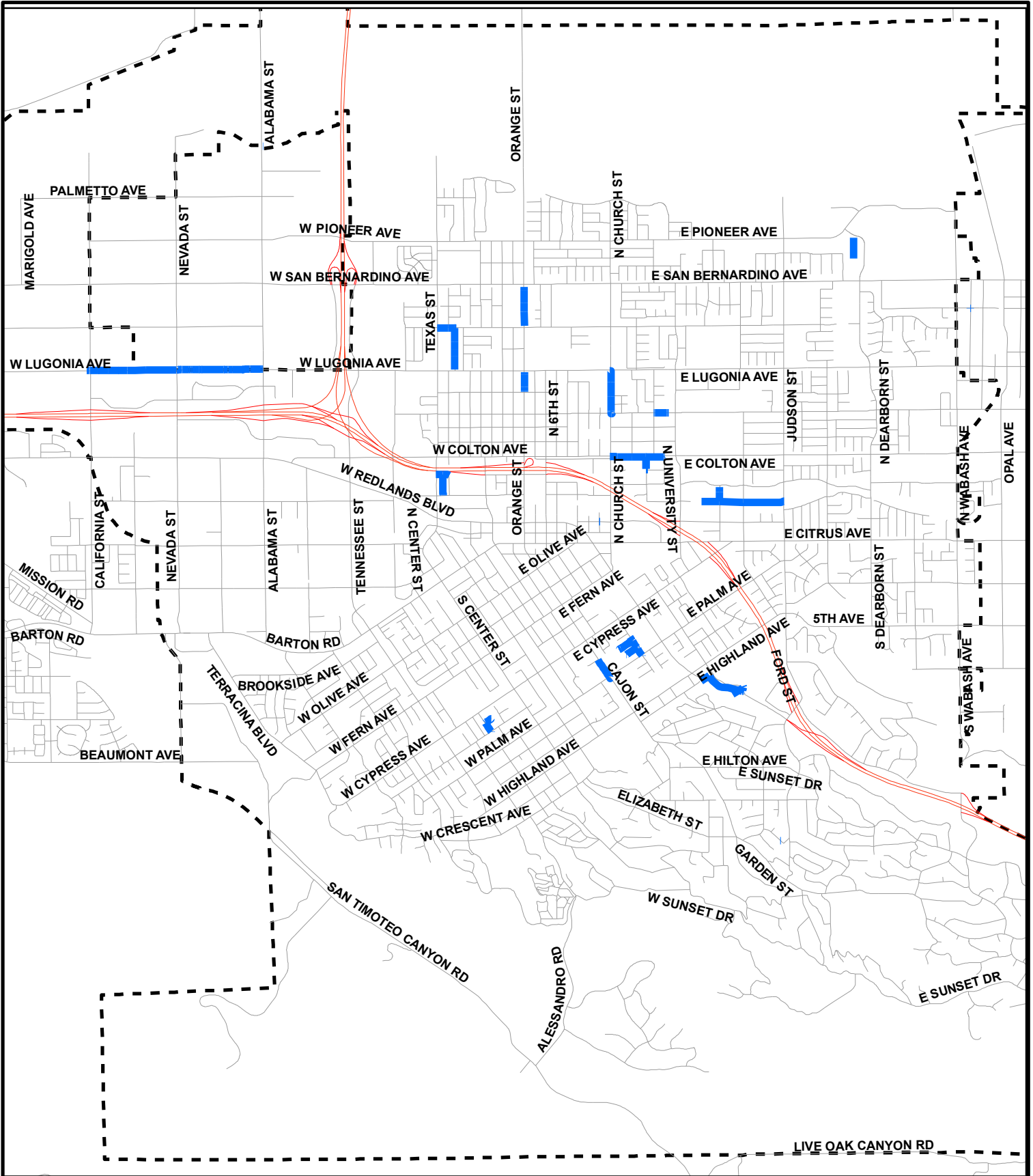
2022 Citywide Sidewalk and ADA Ramp Replacement Project Location Map

Legend:

- Area A
- Area B
- Area C
- Area D
- Area E
- Area F

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

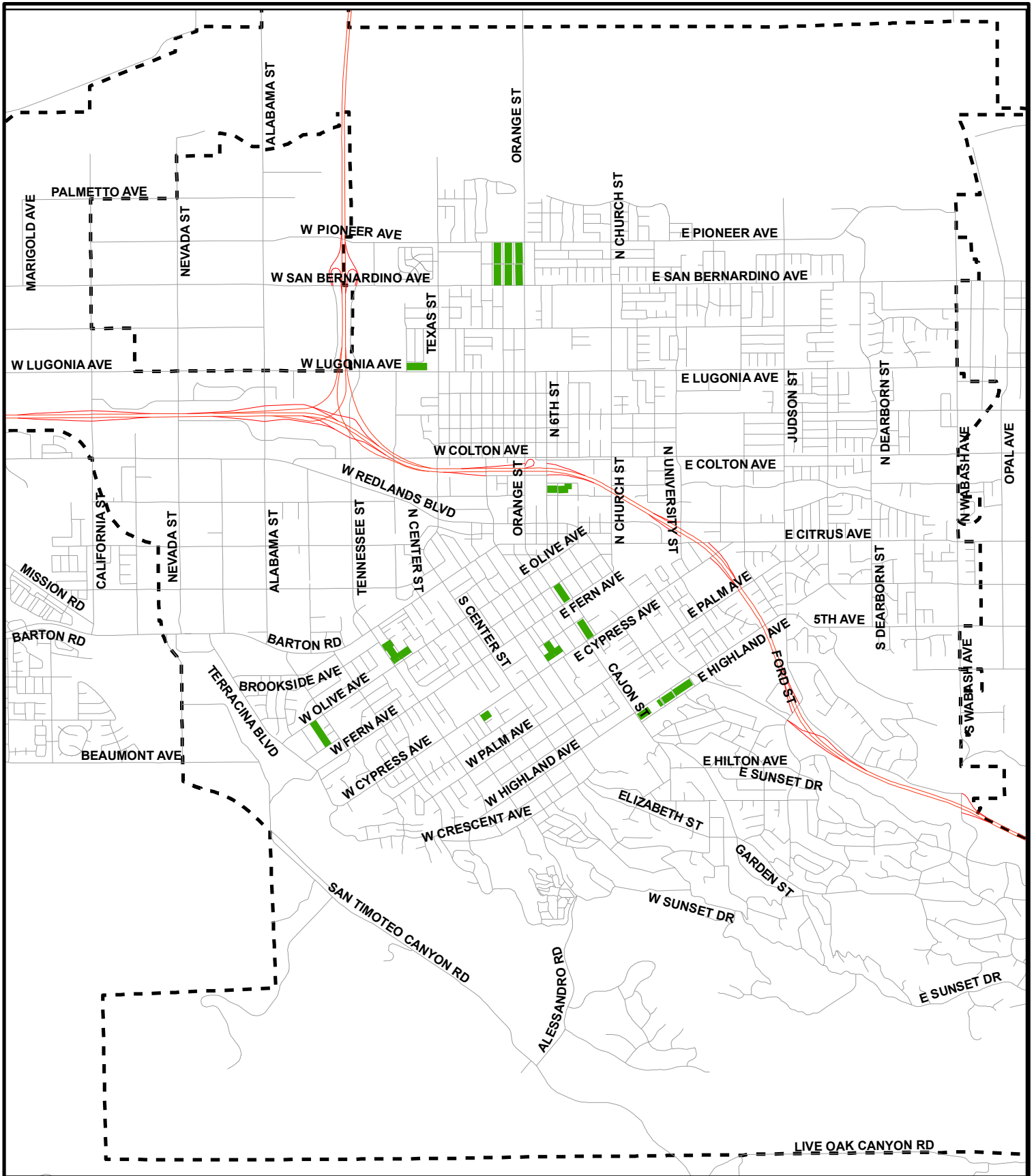
PLANNING		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	FY 2022-23	FY 2023-24	
P1	WATER	501910	501019	HAWC Booster Pump Rehabilitation	PLANNING	0%				\$500,000.00	
P2	WATER	501910	501059	Seismic Assessment Improvements - Texas Grove Reservoir	PLANNING	0%				\$2,900,000.00	
P3	WATER	501910	501055	Sunset Reservoir Replacement	PLANNING	0%				\$6,000,000.00	
P4	WATER	501910	501058	Tate Clarifier Coating & Covers	PLANNING	0%				\$2,560,000.00	
P5	ARTERIAL	252400		California Street Widening at Lugonia Ave	PLANNING	0%				\$800,000.00	
P6	WATER	501910	501057	WTP Mechanical & Electrical Equipment Replacement	PLANNING	0%				\$180,000.00	
P7	WATER	501910	501007	Agate #2 Well Rehabilitation	PLANNING	20%		Paul	\$175,000.00		
P8	WATER	501910	501042	Tank Mixers	PLANNING	15%		Paul	\$150,000.00	\$150,000.00	
				Planning Projects - Cost Summary						\$325,000.00	\$13,090,000.00
DESIGN		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget		
D1	WATER	501910	501063	2023 CIP Water Pipeline Replacement	DESIGN	5%		Gerard		\$4,400,000.00	
D2	GENERAL	101400	400025	2023 Citywide Sidewalk & ADA Ramp Replacement	DESIGN	5%		Elva		\$1,000,000.00	
D3	PMP	211910	211008	PMP 2023 Street Resurfacing Project	DESIGN	5%		Gerard		\$4,000,000.00	
D4	GENERAL/PMP	101/211	211009	2023 Alley Paving Improvements	DESIGN	5%		Elva		\$1,300,000.00	
D5	WASTEWATER	521910	521030	2023 CIP Sewer Pipeline Replacement	DESIGN	5%		Johana		\$3,000,000.00	
D6	WATER	501910	501028	Fixed Generators - Agate, 5th, Texas & Country Club	DESIGN	15%	Brady & Associates	Paul/Veronica	\$507,549.00		
D7	HSIP C10	200400	S400021	Wabash & Highland Ave Enhanced Crosswalk	DESIGN	15%		Veronica	\$250,000.00		
D8	TRAFFIC SIGNAL	243400		Traffic Signal Improvements at Cypress and Cajon	DESIGN	99%	KOA Consultants	Elva	\$600,000.00		
D9	GENERAL FUND	101400	01544	Live Oak Canyon Creek & Oakmont Park Restoration	DESIGN	65%	Huit-Zollars, Inc.	John	\$1,800,000.00		
D10	WATER	501910	501040	Tate Transmission Line Replacement	DESIGN	50%	Carollo Engineers, Inc.	Paul/John	\$835,549.00	\$1,900,000.00	
D11	NON-POTABLE	531910		WWTP Recycled Water Reservoirs Design	DESIGN	50%	Carollo Engineers, Inc.	John	\$734,839.00		
D12	WATER	501910		Hinckley WTP Sludge Press	DESIGN	35%	Dudek	Paul/John	\$700,000.00		
D13	ARTERIAL	252400		California Street Widening at Redlands Blvd	DESIGN	60%	CASC Engineering and Consulting	Gerard	\$231,930.00		
D14	WATER	501910	501050	Sunset Temporary Reservoir Replacement	DESIGN	100%		Veronica	\$2,500,000.00		
D15	TDA	241400	S241005	2021 Transit Stop Improvement	DESIGN	90%		Veronica/Johana	\$46,340.00		
D16	ATP C2	240400	C400005	Highland/Redlands Regional Connector - South	DESIGN	95%	KOA Consultants	Veronica	\$752,600.00		
D17	ARTERIAL	252400	252001	Citrus Avenue Widening Project	DESIGN	90%		Elva	\$900,000.00		
D18	ATP C3	200400	C400007	East Valley Corridor Bike Rte Interconnect - Alabama	DESIGN	95%	KOA Consultants	Veronica	\$2,112,000.00		
				Design Projects - Cost Summary						\$11,970,807.00	\$15,600,000.00
BID & AWARD		Org Key	PL	Project Name	Project Phase	Progress	Consultant/Contractor	PM/Engineer	Current Budget		
B1	STORM DRAIN	405400	405003	Mission Zanja Channel Improvements Project	BID & AWARD	75%		Gerard	\$180,000.00	\$180,000.00	
B2	HSIP C9	200400	F400003	Pedestrian In-Roadway Lights - Alabama/Tennessee	BID & AWARD	80%		Veronica	\$250,000.00		
				Bid & Award Project - Cost Summary						\$430,000.00	\$180,000.00
CONSTRUCTION		Org Key	PL	Project Name	Project Phase	Progress	Contractor	PM/Inspector	Contract Amount		
C1	WASTEWATER	521910	521029	2022 CIP Sewer Pipeline Replacement	CONST	5%	CEM Construction Corp	Johana/Daniel	\$3,314,268.00		
C2	GENERAL/PMP/MT	101/211	211007	2022 Alley Paving Improvements	CONST	5%	Onyx Paving Company, Inc.	Elva/James	\$2,082,000.00		
C3	PMP	211910	211006	PMP 2022 Street Resurfacing Project	CONST	25%	Matich Corporation	Gerard/Frannie	\$4,970,068.00		
C4	WATER	501910	501062	2022 CIP Water Pipeline Replacement	CONST	20%	Tryco General Engineering	Gerard/Daniel	\$4,744,111.00		
C5	PMP	211910	211004	SBCounty/Mentone/Redlands Paving Project	CONST	65%	SB County	Goutam/James	\$141,000.00		
C6	GENERAL/MT	101400	400022	2022 Citywide Sidewalk & ADA Ramp Replacement	CONST	75%	Tryco General Engineering	Elva/Daniel	\$1,000,000.00		
C7	HSIP C8	200400	F400003	HSIP Cycle 8 - Pedestrian Heads Project	CONST	99%	Econolite Systems, Inc.	Veronica/James	\$541,682.53		
C8	HSIP C8	200400	F400001	HSIP Cycle 8 - Signal Preemption Project	CONST	99%	AGA Engineers, Inc./Baker Electric	Veronica/Daniel	\$937,418.00		
C10	TRAFFIC SIGNAL	253400	253007	Traffic Signal Improvements (Brockton/University)	CONST	75%	Elecnor Belcoo Electric, Inc.	Elva/Daniel	\$507,745.00		
C11	WATER	501910	501006	Water System SCADA Design & Integration - Phase 2 & 3	CONST	45%	TESCO Controls, Inc.	Paul/Daniel	\$5,579,420.00		
				Construction Projects - Cost Summary						\$23,817,712.53	\$0.00
				Project Total Dollars						\$36,543,519.53	\$28,870,000.00



 PROPOSED WATER PIPELINE REPLACEMENT

2022 CIP WATER PIPELINE REPLACEMENT PROJECT LOCATION MAP



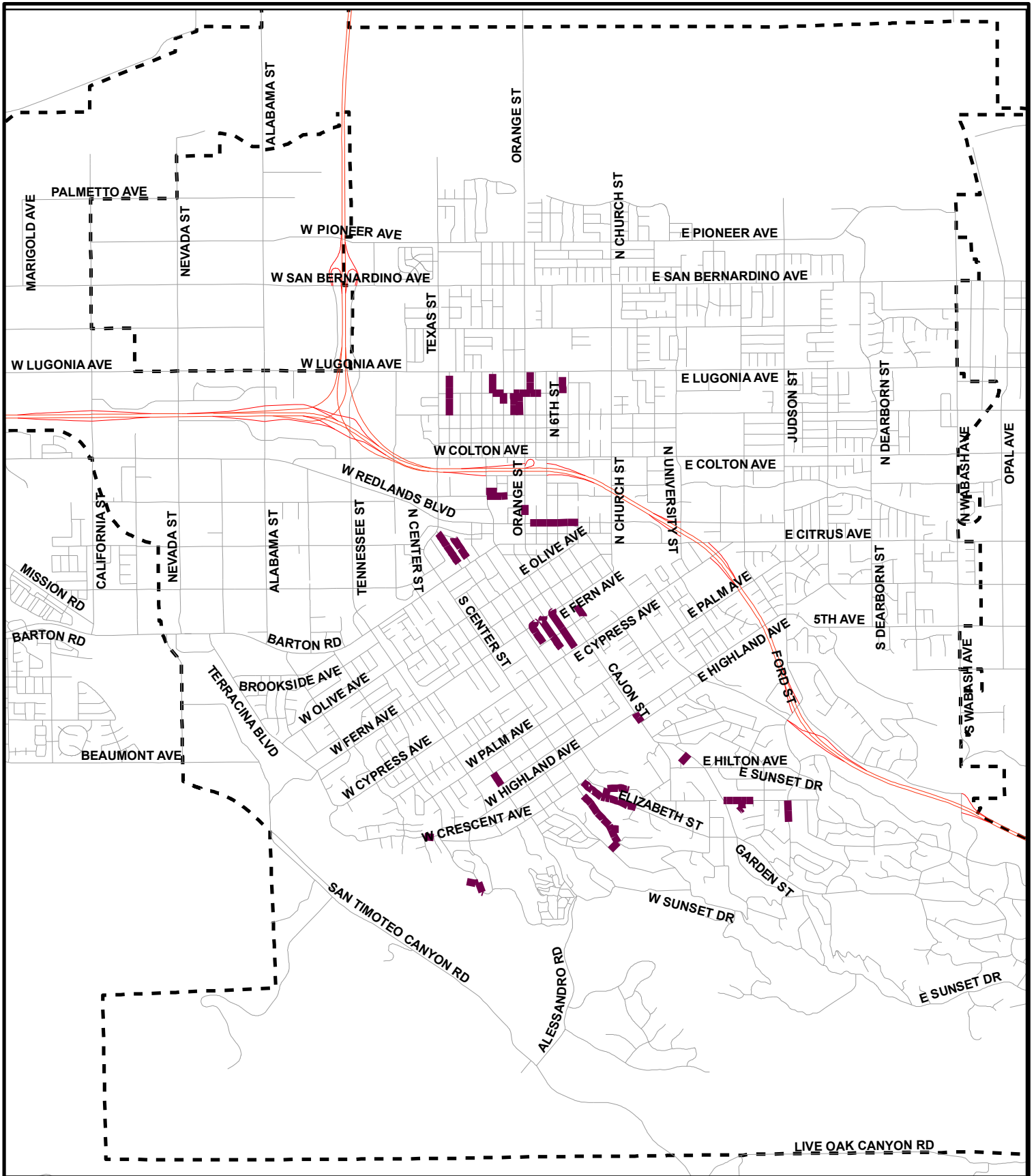


City of **REDLANDS** "A CITY THAT WORKS"

— PROPOSED ALLEY PAVING

2022 ALLEY PAVING PROJECT LOCATION MAP





— PROPOSED SEWER PIPELINE REPLACEMENT

2022 CIP SEWER PIPELINE REPLACEMENT PROJECT LOCATION MAP



SCHEDULE FOR COMMISSION ANNUAL REPORT PRESENTATIONS TO CITY COUNCIL

Below is the schedule developed for commission/board/committee annual report presentations to city council. Presentations should be limited to 5 minutes.

To minimize the number of presentations at any one council meeting, the commission will be forfeiting their opportunity to present in person if they change dates and will instead need to submit a staff report under consent.

Council Meeting Date					
1st Meeting in November	2nd Meeting in January	1st Meeting in February	2nd Meeting in February	1st Meeting in March	2nd Meeting in March
Citrus Preservation Commission	Airport Board Presentation	Street Tree Committee	Human Relations Commission	Cultural Arts Commission Presentation	Measure T Oversight Committee-TENTATIVE IF NEEDED
	Parks and Recreation Commission		Traffic and Parking Commission	Municipal Utilities/Public Works Commission	A.K. Smiley Public Library