



CITY COUNCIL MEETING

June 03, 2025 at 5:30 PM Closed Session, 6:00PM Regular Meeting
Angels Fire House – 1404 Vallecito Road

AGENDA

To view or participate in the meeting online, please use the following link:

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Meeting ID: 259 054 873 390

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[+1 209-662-6903,,253817460#](#) United States, Stockton

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In person public attendance will be available with limited seating. Seats are available on a first come, first served basis. Members of the public shall have the right to observe and offer public comment at the appropriate time.

CITY COUNCIL appreciates your interest and encourages your participation. Regularly scheduled meetings are held the 1st and 3rd Tuesday of each month. The Agenda is divided into two sections:

CONSENT AGENDA: These matters include routine financial and administration actions and are usually approved by a single majority vote.

REGULAR AGENDA: These items include significant financial and administration actions of special interest, hearings and work sessions. The numerical order of the items on this agenda is for convenience of reference. Items may be taken out of order upon request of the Mayor or Council Members. All questions shall be directed to the Mayor who, at his/her discretion, will refer to Staff.

Mayor Michael Chimento | **Vice Mayor** Caroline Schirato

Council Members Isabel Moncada, Alvin Broglio, Scott Behiel

City Administrator Pamela Caronongan | **City Attorney** Doug White

5:30PM CLOSED SESSION

1. ROLL CALL
2. ADJOURN TO CLOSED SESSION

- A.** Conference regarding Real Property Negotiation (Government Code Section 54956.8)
Property: Foundry Lane / APN 058-074-013
Agency Negotiator: Pam Caronongan, City Administrator and Amy Augustine, City Planner
Negotiating Party: City of Angels and Fred Katz

- B.** Conference regarding Real Property Negotiation (Government Code Section 54956.8)
Property: Foundry Lane / APNs 058-011-023, 058-011-024, and 058-011-028
Agency Negotiator: Pam Caronongan, City Administrator and Amy Augustine, City Planner
Negotiating Party: City of Angels and Mr. Sheahan

6:00 PM REGULAR MEETING

3. ROLL CALL

4. PLEDGE OF ALLEGIANCE

5. REPORT OUT OF CLOSED SESSION

- A.** Conference regarding Real Property Negotiation (Government Code Section 54956.8)
Property: Foundry Lane / APN 058-074-013
Agency Negotiator: Pam Caronongan, City Administrator and Amy Augustine, City Planner
Negotiating Party: City of Angels and Fred Katz

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Agency Negotiator: Pam Caronongan, City Administrator and Amy Augustine, City Planner
Negotiating Party: City of Angels and Mr. Sheahan

6. PRESENTATIONS

- A.** Yearly Update for the City of Angels - Presentation from CalWaste Recovery Systems (Casey Vaccarezza, Chief Operating Officer / Owner)

7. APPROVAL OF THE AGENDA AS POSTED (OR AMENDED)

8. PUBLIC COMMENT

The public may address the Council on any item of public interest not otherwise on the agenda that is within the jurisdiction of the city. No action may be taken. Matters to be addressed may be referred to City Staff or placed on a subsequent meeting Agenda. Speakers are limited to five minutes per person.

9. CONSENT ITEMS

- A.** Approve Draft Minutes of May 20, 2025 (Rose Beristianos, City Clerk)
- B.** Adopt Resolution No. 25-32, consenting to a County Resolution amending service charges imposed on improved real property within the incorporated area of the City of Angels for the use of and/or ability to use the Calaveras County Rock Creek Landfill during Fiscal Year 2025-2026. (Pamela Caronongan, City Administrator and Jennifer Casci, Director - Calaveras County Administration: Integrated Waste Management)

- C. Adopt Resolution No. 25-33, thereby approving a Project Specific Maintenance Agreement between the City of Angels and Calaveras County regarding Gateway Monument and Wayfinding Sign (Pamela Caronongan, City Administrator)

10. ACTION ITEMS

- A. Receive and Accept Auditor Presentation and Report regarding City of Angels Financial Statements ending June 30, 2024 from Independent Auditors Price, Paige & Company (Michelle Gonzalez, Finance Director)
- B. Select a representative(s) to the California Transportation Commission's August 14-15, 2025 Meeting in San Diego for the Foundry Lane Decertification (Amy Augustine, City Planner)
- C. Adopt Resolution 25-28, approving Change Order 8 for Utica Park / Lightner Mine Expansion re-allocating \$21,372.66 towards reworking Pacific Gas & Electric (PG&E) Lighting on site from the \$55,000 line item for a second Mark Twain Statue.(Amy Augustine, City Planner)
- D. Approve Resolution No. 25-31, Authorizing the Water and Wastewater Rate Increase for FY 2025-2026. (Michelle Gonzalez, Finance Director)
- E. Adopt Resolution No. 25-29, thereby Approving the City of Angels List of Transportation Projects for the Regional Transportation Plan. (Amy Augustine, City Planner)
- F. Approve Resolution No. 25-30, Updating the City of Angels Customer Assistance Program for Water and Sewer Customers and Rescind Resolution No. 22-68. (Michelle Gonzalez, Finance Director)
- G. Award of Contract for On-Call Engineering Services and Direction to Negotiate Agreements. (Michelle Gonzalez, Finance Director)

11. INFORMATIONAL ITEMS

12. ADMINISTRATION REPORT

13. COUNCIL REPORT

14. CORRESPONDENCE

15. CALENDAR

- A. June to December 2025

16. FUTURE AGENDA ITEMS

17. ADJOURNMENT

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk at City Hall 209-736-2181. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to the meeting (28 CFR 35.102-35.104 ADA Title II) Materials related to an item on this Agenda submitted to the City Council after distribution of the Agenda packet are available for public inspection at City Hall at 200 Monte Verda Street Ste. B, Angels Camp, CA 95222 during normal business hours. The Agenda is also available on line at www.angelscamp.gov.

EXCLUSIVE SERVICE
TO CALAVERAS
COUNTY AND
ANGELS CAMP
SINCE 2013



2025 RATE ADJUSTMENT



Residential Collection Service for Angels Camp

Basic Service



35 gal TRASH

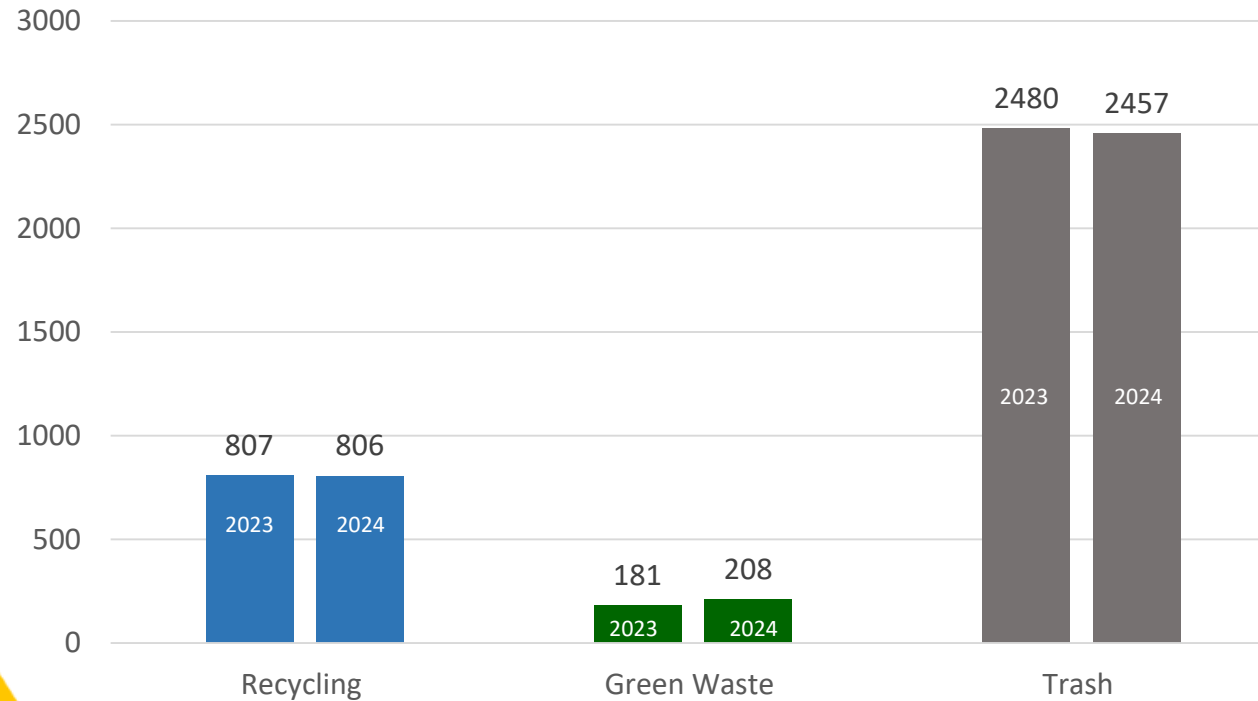


95 gal BLUE RECYCLE
collection bi/weekly



65 gal GREEN WASTE
Collection bi/weekly

Angels Camp Material Tonnages



2024 Recycling Tons: 806.16

2024 Green Waste Tons: 207.90

2024 Trash Tons: 2456.77

2024 Total Tons: 3470.83

Angels Camp Franchise and Recycling Funds

2024 Recycling Reimbursement: \$68,370

2024 Franchise Fees:\$7,735

Total: \$76,106

CPI Increase Rate increase Percentage

California Waste Recovery Systems,
LLC
2025 Angels Camp Rate
Increase

CPI-All Urban Consumers (Current Series) Original Data Value

Series Id: CUSR0000SEHG link: <https://data.bls.gov/cgi-bin/srgate>
 Seasonally Adjusted
 Series Title: Water and sewer and trash collection services
 in U.S. city average, all urban consumers,
 seasonally adjusted
 Area: U.S. city average
 Item: Water and sewer and trash collection services
 Base Period: DECEMBER 1997=100
 Years: 2021 to 2025

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average	Avg Rate Inc
2023	281.088	282.971	283.892	284.911	286.612	287.753	289.219	290.514	291.272	291.968	293.055	293.479	288.061	5.44%
2024	297.079	298.751	299.183	300.178	299.987	300.652	302.106	303.311	305.117	306.336	308.015	308.234	302.412	4.98%
2025	310.239													
Current Year Rate Increase:		4.98%												

4.98%

Angels Camp Annual Rate Adjustment

Monthly Rates For Residential Service in Angels Camp			
	7/1/24- 6/30/25	4.98%	7/1/25- 6/30/26
One 35 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$27.65	\$1.38	\$29.03
One 65 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$59.71	\$2.97	\$62.68
One 95 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$99.30	\$4.95	\$104.25

116 Residents of Angels Camp participate in the low-Income Program

CAL-WASTE RECYCLES RIGHT MOBILE APP

Available at Cal-Waste.com/Mobile-App/

Using the Calendar

You can see your pick-up from the home page of the app. Click into an individual day to see specific details about what is being collected and when. Each pick-up type is color-coded so you can see everything at a glance.



Snap A Photo

You can also take a photo of an item! Upload or take a photo directly from the app to see if it is recyclable, or if it should be put into the trash bin.



Report A Problem Tool

If you're experiencing an issue, click the 'Help' icon from the bottom navigation bar. From there, you can select which problem you need help with.





**THANK YOU FOR YOU TIME TODAY
AND FOR CHOOSING US TO SERVE THE COMMUNITY!**



Ms. Pamela Caronongan
City Administrator
City of Angels
P.O. Box 667
Angels Camp, CA 95222

March 15, 2025

SUBJECT: Rate Adjustment Notification for 2025-26

Dear Ms. Caronongan,

Thank you for the City of Angels Camp's, and your commitment to the success of the community's recycling program. In 2024, we were able to provide recycling services to 1,090 customers. Cal-Waste was also proud to support community events such as the Angels Camp Farmers Market, Angels & Murphys Rotary Annual Shrimp Feed, and the Annual Calaveras County Fair & Frog Jump. The team at Cal-Waste Recovery Systems is grateful for your efforts in our partnership to bring a successful recycling program to the City of Angels Camp.

The terms of our Contract (Section 3.02.B.1-2) allow California Waste Recovery Systems an inflationary rate adjustment to our rates based upon the U.S. Bureau of Labor Statistics, Consumer Price Index for All Urban Consumers: Water and sewer and trash collection services (Series CUSR0000SEHG) for the preceding twelve-month period ending December 31, with the stipulation that in no case shall such annual rate increase exceed 5.5%. The BLS Index calculation produces a 4.98% rate increase for 2025-26. The 4.98% rate adjustment will apply to our existing residential, commercial, and industrial rates, effective July 1, 2025. It will increase the standard residential rate by \$1.38 per month, for a new monthly rate of \$29.03.

On January 1st, 2022, California SB1383 legislation became effective regarding the collection of residential and commercial organic waste (including food waste). The purpose of this legislation is to reduce Greenhouse Gas Emissions and Short-Lived Climate Pollutants.

In 2015, the County received a waiver that delayed the implementation of AB1826, the then-current Organics collection legislation. Effective January 24, 2022 Angels Camp was granted a Department Approved Rural Exemption Waiver that waives the organic waste collection requirements that are outlined in Article 3 (14 CCR 18984 – 18984.14) and is valid until December 31, 2026. Therefore, the Angels Camp collection programs do not yet include new organics programs.

We respectfully request to be placed on the agenda for either the May or June City Council meeting to make an informational presentation on the status of our programs in Angels Camp. If you have questions or require additional information, please call me.

Sincerely,

A handwritten signature in blue ink that reads "Casey Vaccarezza".

Casey Vaccarezza, Owner



California Waste Recovery Systems, LLC

2025 Angels Camp Rate Increase

CPI-All Urban Consumers (Current Series)**Original Data Value**

Series Id: CUSR0000SEHG link: <https://data.bls.gov/cgi-bin/srgate>
Seasonally Adjusted
Series Title: Water and sewer and trash collection services in U.S.
city average, all urban consumers, seasonally
Area: U.S. city average
Item: Water and sewer and trash collection services
Base Period: DECEMBER 1997=100
Years: 2021 to 2025

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg Rate	
													Average	Inc
2023	281.088	282.971	283.892	284.911	286.612	287.753	289.219	290.514	291.272	291.968	293.055	293.479	288.061	5.44%
2024	297.079	298.751	299.183	300.178	299.987	300.652	302.106	303.311	305.117	306.336	308.015	308.234	302.412	4.98%
2025	310.239													
Current Year Rate Increase:		4.98%												

EXHIBIT A**TABLE OF CONTENTS****Rates Effective 7/1/25 Through 6/30/26**

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COMMERCIAL TRASH RATES; 3 CUBIC YARD TO 6 CUBIC YARD	A.2.2
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EXHIBIT A.1.1

RESIDENTIAL SERVICES

Monthly Rates For Residential Service in Angels Camp Effective 7/1/25 Through 6/30/26	
One 35 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$29.03
One 65 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$62.68
One 95 gallon trash cart serviced weekly; One 95 gallon recycling cart serviced bi-weekly; One 65 gallon greenwaste cart serviced bi-weekly	\$104.25

EXHIBIT A.1.2

RESIDENTIAL SERVICES

Monthly Rates For Residential Service in Angels Camp Effective 7/1/25 Through 6/30/26			
		Rate	Unit
Special Charges (On an unscheduled service day)			
	Trash Cart or Can	\$29.03	per Service
	Recycle Cart or Can	\$29.03	per Service
	Greenwaste Cart	\$29.03	per Service
Extra Charges (On a scheduled service Day)			
	Trash Cart or Can	\$14.52	per Service
	Recycle Cart or Can	\$14.52	per Service
	Greenwaste Cart	\$14.52	per Service
On-Call Charges (on a scheduled service day for that route area)			
	Trash Cart	\$29.03	per Service
	Recycle Cart or Can	\$29.03	per Service
	Greenwaste Cart	\$29.03	per Service
On-Call Charges (on an unscheduled service day for that route area)			
	Trash Cart	\$58.07	per Service
	Recycle Cart or Can	\$58.07	per Service
	Greenwaste Cart	\$58.07	per Service
Monthly Cart or Can Rent for On-Call Services		\$5.28	per Month
Each Additional Recycle Cart or Can (must be kept for 6 months minimum)		\$5.28	per Month
Each Additional Greenwaste Cart (must be kept for 6 months minimum)		\$5.28	per Month
Cart equipped with Locking Lid		\$3.96	per Month
Walk-In / Backyard Service		\$19.79	per Month
Drive-In/Long Driveway Service (Calculated from where leaving County-maintained road)		\$19.79	per Month + additional \$15/mile after 1st mile (1-way)
Cart or Can Steam Cleaning		\$23.75	per Cart
Deposit to Restart Service after stopped for non-payment		\$197.95	per Restart
Lost Cart or Can/destroyed Cart or Can		\$158.36	per Each

EXHIBIT A.2.1

COMMERCIAL TRASH SERVICES

Monthly Rates For Commercial Trash Service Effective 7/1/25 Through 6/30/26

		Trash Cart/Can Pickups per week					
Cart/Can Size, Gals	Cart or Can Count	1	2	3	4	5	6
35 Gallon Cart or 32 Gallon Can	1	\$29.05	\$63.25	\$104.93	\$135.12	\$165.30	\$192.62
	2	\$60.37	\$132.82	\$220.35	\$283.73	\$347.14	\$404.47
	3	\$94.86	\$208.71	\$346.27	\$445.87	\$545.49	\$635.60
	4	\$126.49	\$278.27	\$461.68	\$594.50	\$727.30	\$847.47
	5	\$152.36	\$335.19	\$556.11	\$716.09	\$876.08	\$1,020.82
65 Gallon Cart	1	\$62.68	\$136.55	\$226.54	\$291.72	\$356.89	\$415.85
	2	\$130.34	\$286.75	\$475.75	\$612.62	\$749.48	\$873.30
	3	\$204.83	\$450.62	\$747.60	\$962.68	\$1,177.74	\$1,372.32
	4	\$273.09	\$600.82	\$996.82	\$1,283.57	\$1,570.33	\$1,829.77
	5	\$328.95	\$723.71	\$1,200.70	\$1,546.12	\$1,891.52	\$2,204.04
95 Gallon Cart	1	\$103.24	\$227.11	\$376.79	\$485.17	\$593.57	\$691.63
	2	\$216.78	\$476.91	\$791.26	\$1,018.86	\$1,246.49	\$1,452.43
	3	\$340.65	\$749.43	\$1,243.40	\$1,601.08	\$1,958.78	\$2,282.39
	4	\$454.21	\$999.25	\$1,657.87	\$2,134.78	\$2,611.69	\$3,043.19
	5	\$547.12	\$1,203.65	\$1,996.96	\$2,571.43	\$3,145.89	\$3,665.65

		Trash Container Pickups per week					
Container Size, CY	Container Count	1	2	3	4	5	6
1 CY	1	\$90.99	\$200.18	\$332.09	\$427.64	\$523.17	\$609.62
	2	\$164.94	\$362.85	\$602.02	\$775.19	\$948.39	\$1,105.07
	3	\$300.26	\$660.56	\$1,095.92	\$1,411.18	\$1,726.46	\$2,011.69
	4	\$400.33	\$880.74	\$1,461.24	\$1,881.59	\$2,301.94	\$2,682.27
	5	\$482.23	\$1,060.90	\$1,760.13	\$2,266.48	\$2,772.79	\$3,230.92
2 CY	1	\$181.96	\$400.33	\$664.19	\$855.26	\$1,046.34	\$1,219.22
	2	\$382.14	\$840.71	\$1,394.82	\$1,796.06	\$2,197.30	\$2,560.34
	3	\$600.51	\$1,321.12	\$2,191.85	\$2,822.39	\$3,452.91	\$4,023.40
	4	\$800.67	\$1,761.49	\$2,922.48	\$3,763.18	\$4,603.89	\$5,364.52
	5	\$964.45	\$2,121.79	\$3,520.25	\$4,532.91	\$5,545.59	\$6,461.82

EXHIBIT A.2.2**COMMERCIAL TRASH SERVICES****Monthly Rates For Commercial Trash Service Effective 7/1/25 Through 6/30/26**

Container Size, CY	Container Count	Trash Container Pickups per week					
		1	2	3	4	5	6
3 CY	1	\$291.15	\$640.55	\$1,062.72	\$1,368.42	\$1,674.14	\$1,950.74
	2	\$611.42	\$1,345.14	\$2,231.71	\$2,873.70	\$3,515.70	\$4,096.56
	3	\$960.81	\$2,113.78	\$3,506.95	\$4,515.81	\$5,524.67	\$6,437.43
	4	\$1,281.08	\$2,818.38	\$4,675.94	\$6,021.08	\$7,366.23	\$8,583.24
	5	\$1,543.12	\$3,394.85	\$5,632.40	\$7,252.68	\$8,872.94	\$10,338.90
4 CY	1	\$395.79	\$870.73	\$1,444.63	\$1,860.20	\$2,275.79	\$2,651.77
	2	\$831.16	\$1,828.53	\$3,033.71	\$3,906.44	\$4,779.16	\$5,568.75
	3	\$1,306.10	\$2,873.43	\$4,767.27	\$6,138.70	\$7,510.09	\$8,750.89
	4	\$1,741.47	\$3,831.23	\$6,356.37	\$8,184.90	\$10,013.45	\$11,667.86
	5	\$2,097.68	\$4,614.89	\$7,656.54	\$9,859.09	\$12,061.66	\$14,054.46
5 CY	1	\$491.32	\$1,080.91	\$1,793.34	\$2,309.23	\$2,825.11	\$3,291.86
	2	\$1,031.77	\$2,269.92	\$3,765.99	\$4,849.36	\$5,932.73	\$6,912.92
	3	\$1,621.36	\$3,567.00	\$5,918.01	\$7,620.44	\$9,322.87	\$10,863.17
	4	\$2,161.82	\$4,756.01	\$7,890.66	\$10,160.58	\$12,430.50	\$14,484.23
	5	\$2,604.03	\$5,728.84	\$9,504.65	\$12,238.87	\$14,973.10	\$17,446.92
6 CY	1	\$591.42	\$1,301.10	\$2,158.64	\$2,779.63	\$3,400.61	\$3,962.44
	2	\$1,241.96	\$2,732.30	\$4,533.15	\$5,837.19	\$7,141.25	\$8,321.12
	3	\$1,951.63	\$4,293.62	\$7,123.52	\$9,172.74	\$11,221.97	\$13,076.04
	4	\$2,602.20	\$5,724.83	\$9,498.02	\$12,230.33	\$14,962.64	\$17,434.71
	5	\$3,134.46	\$6,895.82	\$11,440.80	\$14,731.98	\$18,023.18	\$21,000.91

EXHIBIT A.3.1

COMMERCIAL RECYCLE SERVICES

Monthly Rates For Commercial Recycling Service Effective 7/1/25 Through 6/30/26

		Recycle Cart Pickups per week					
Cart/Can Size, Gals	Cart or Can Count	1	2	3	4	5	6
95 Gallon Cart	1	\$87.75	\$193.04	\$320.26	\$412.40	\$504.54	\$587.89
	2	\$184.26	\$405.38	\$672.55	\$866.04	\$1,059.52	\$1,234.56
	3	\$289.56	\$637.03	\$1,056.89	\$1,360.92	\$1,664.96	\$1,940.03
	4	\$386.07	\$849.36	\$1,409.20	\$1,814.56	\$2,219.94	\$2,586.72
	5	\$465.05	\$1,023.10	\$1,697.42	\$2,185.73	\$2,674.03	\$3,115.82

		Recycle Container Pickups per week					
Container Size, CY	Container Count	1	2	3	4	5	6
1 CY	1	\$52.92	\$170.13	\$282.28	\$363.48	\$444.68	\$518.17
	2	\$140.19	\$308.43	\$511.73	\$658.92	\$806.12	\$939.30
	3	\$255.22	\$561.48	\$931.53	\$1,199.52	\$1,467.48	\$1,709.95
	4	\$340.28	\$748.62	\$1,242.05	\$1,599.35	\$1,956.65	\$2,279.93
	5	\$409.89	\$901.77	\$1,496.11	\$1,926.49	\$2,356.87	\$2,746.27
2 CY	1	\$79.44	\$340.28	\$564.58	\$726.99	\$889.40	\$1,036.32
	2	\$324.82	\$714.61	\$1,185.60	\$1,526.66	\$1,867.72	\$2,176.30
	3	\$510.41	\$1,122.95	\$1,863.06	\$2,399.02	\$2,934.98	\$3,419.88
	4	\$680.57	\$1,497.26	\$2,484.09	\$3,198.70	\$3,913.30	\$4,559.86
	5	\$819.78	\$1,803.52	\$2,992.20	\$3,852.99	\$4,713.75	\$5,492.55

EXHIBIT A.3.2**COMMERCIAL RECYCLE SERVICES****Monthly Rates For Commercial Recycling Service Effective 7/1/25 Through 6/30/26**

Container Size, CY	Container Count	Recycle Container Pickups per week					
		1	2	3	4	5	6
3 CY	1	\$247.49	\$544.47	\$903.31	\$1,163.15	\$1,423.02	\$1,658.13
	2	\$519.71	\$1,143.36	\$1,896.95	\$2,442.64	\$2,988.34	\$3,482.07
	3	\$816.69	\$1,796.72	\$2,980.92	\$3,838.44	\$4,695.97	\$5,471.82
	4	\$1,088.92	\$2,395.61	\$3,974.55	\$5,117.92	\$6,261.29	\$7,295.76
	5	\$1,311.65	\$2,885.64	\$4,787.53	\$6,164.76	\$7,542.00	\$8,788.08
4 CY	1	\$336.42	\$740.12	\$1,227.93	\$1,581.18	\$1,934.41	\$2,254.02
	2	\$706.48	\$1,554.27	\$2,578.66	\$3,320.48	\$4,062.26	\$4,733.43
	3	\$1,110.19	\$2,442.41	\$4,052.19	\$5,217.88	\$6,383.57	\$7,438.26
	4	\$1,480.24	\$3,256.55	\$5,402.91	\$6,957.18	\$8,511.44	\$9,917.68
	5	\$1,783.03	\$3,922.65	\$6,508.04	\$8,380.23	\$10,252.40	\$11,946.29
5 CY	1	\$391.76	\$861.89	\$1,429.91	\$1,841.28	\$2,252.63	\$2,624.83
	2	\$822.71	\$1,809.94	\$3,002.86	\$3,866.70	\$4,730.54	\$5,512.09
	3	\$1,292.83	\$2,844.18	\$4,718.77	\$6,541.58	\$7,433.68	\$8,661.81
	4	\$1,723.76	\$3,792.27	\$6,291.70	\$8,101.64	\$9,911.57	\$11,549.13
	5	\$2,076.33	\$4,567.94	\$7,578.64	\$9,758.78	\$11,938.94	\$13,911.46
6 CY	1	\$502.70	\$1,105.93	\$1,834.85	\$2,362.68	\$2,890.51	\$3,368.08
	2	\$1,055.66	\$2,322.46	\$3,853.18	\$4,961.62	\$6,070.07	\$7,072.95
	3	\$1,658.90	\$3,649.59	\$6,054.99	\$7,796.83	\$9,538.67	\$11,114.63
	4	\$2,211.87	\$4,866.11	\$8,073.32	\$10,395.78	\$12,718.24	\$14,819.51
	5	\$2,664.30	\$5,861.44	\$9,724.69	\$12,522.19	\$15,319.70	\$17,850.77

EXHIBIT A.3.3**COMMERCIAL SPECIALS, EXTRAS, ON-CALL, MISCELLANEOUS****Rates Effective 7/1/25 Through 6/30/26**

				Rate	Unit
Special Charges (On an unscheduled service day)					
	Trash Cart/Can			\$29.03	per Cart/Can
	Recycle Cart/Can			\$29.03	per Cart/Can
	Trash Container				
	1 CY			\$33.27	per Service
	2 CY			\$66.53	per Service
	3CY			\$106.46	per Service
	4 CY			\$144.72	per Service
	5 CY			\$179.65	per Service
	6 CY			\$216.24	per Service
	Recycle Container				
	1 CY			\$19.35	per Service
	2 CY			\$29.05	per Service
	3CY			\$90.49	per Service
	4 CY			\$123.01	per Service
	5 CY			\$143.25	per Service
	6 CY			\$183.81	per Service
Extra Charges (On a scheduled service Day)					
	Trash Cart/Can			\$14.52	per Cart/Can
	Recycle Cart/Can			\$14.52	per Cart/Can
	Trash Container				
	1 CY			\$21.95	per Service
	2 CY			\$43.91	per Service
	3CY			\$70.25	per Service
	4 CY			\$95.50	per Service
	5 CY			\$118.54	per Service
	6 CY			\$142.69	per Service
	Recycle Container				
	1 CY			\$12.77	per Service
	2 CY			\$19.16	per Service
	3CY			\$59.71	per Service
	4 CY			\$81.17	per Service
	5 CY			\$94.52	per Service
	6 CY			\$121.29	per Service
On-Call Charges (on the scheduled service day for that route area)					
	Trash Cart/Can			\$29.03	per Service
	Recycle Cart/Can			\$29.03	per Service
	Trash Container				
	1 CY			\$33.27	per Service
	2 CY			\$66.53	per Service
	3CY			\$106.46	per Service
	4 CY			\$144.72	per Service
	5 CY			\$179.65	per Service
	6 CY			\$216.24	per Service

EXHIBIT A.3.4**COMMERCIAL SPECIALS, EXTRAS, ON-CALL, MISCELLANEOUS**

Rates Effective 7/1/25 Through 6/30/26					
				Rate	Unit
	Recycle Container				
	1 CY			\$19.35	per Service
	2 CY			\$29.05	per Service
	3CY			\$90.49	per Service
	4 CY			\$123.01	per Service
	5 CY			\$143.25	per Service
	6 CY			\$183.81	per Service
Walk-In Service					
	Cart/Can			\$19.79	per Month
Drive-In/Long Driveway Service (Calculated from where leaving County-maintained road				\$19.79	per Month + additional \$15/mile after 1st mile (1-way)
Monthly Rent for On-Call Accounts					
	Cart			\$5.28	per Month
	Container			\$26.39	per Month
Locks and Lock Bars					
	Cart equipped with Locking Lid			\$3.96	per Month
	Container unlocking service			\$10.56	per Month
Deposit to Restart Service after stopped for non-payment				Computed value of three (3) times monthly service rate	
Steam Clean					
	Cart/Can			\$23.75	per Cart/Can
	All container sizes			\$85.78	per Container

EXHIBIT A.4.1**ROLLOFF SERVICES****Rates Effective 7/1/25 Through 6/30/26**

Total Customer Charge is sum of Appropriate Haul Charge plus tons hauled multiplied by Transfer Station Charge per Ton

	10-CY Bin Haul Charge per Load	20-CY Bin Haul Charge per Load	30-CY Bin Haul Charge per Load	Transfer Station Charge per Ton
All Areas Angels Camp	\$613.64	\$818.18	\$1,029.33	\$83.14

Rolloff rates include 7 days on customer's site, not including day of delivery or day of removal. Per-day rental charge after 7 days on customer's site is \$11.93 per day.

Roll Off Trip Charge and Monthly Rent

	Rate	Unit
Trip Charge (Assessed whenever work scheduled is not accessible)	\$118.77	per Hour (time spent)
Monthly Rent (Assessed whenever a permanently placed bin is not serviced for 30 days)		
10-20 CY Bins	\$131.96	per Month
30 CY Bins	\$197.95	per Month

Unacceptable Materials Charges

	Rate	Unit
Unacceptable Materials Charges when found in Rolloff Loads;		
Appliances	\$49.49	per Each
Tires-Small	\$4.95	per Each
Tires-Small on Rim	\$9.90	per Each
Tires-Truck	\$15.84	per Each
Tires-Truck on Rim	\$19.79	per Each
Electronic Waste (E-Waste)	\$13.20	per Each

EXHIBIT A.5.1**HANDI-HAULERS AND BULKY WASTE****Rates Effective 7/1/25 Through 6/30/26**

Handi-Haulers			
	Trash	Green Waste	C&D
3.5 CY	\$138.56	\$138.56	\$138.56
5.0 CY	\$217.75	\$204.55	\$237.54

Handi-hauler rates include 7 days on customer's site, not including day of delivery or day of removal. Per-day rental charge after 7 days on customer's site is \$11.93 per day.

Bulky Waste Charges			
		Rate	Unit
Bulky Waste Cleanup		\$26.39	per Item
Special Materials Charges when setout with Bulky Waste Loads;			
	Appliances	\$49.49	per Each
	Tires-Small	\$4.95	per Each
	Tires-Small on Rim	\$9.90	per Each
	Tires-Truck	\$15.84	per Each
	Tires-Truck on Rim	\$19.79	per Each
	Electronic Waste (E-Waste)	\$13.20	per Each



CITY COUNCIL MEETING

May 20, 2025 at 6:00 PM

Angels Fire House – 1404 Vallecito Road

DRAFT MINUTES

To view or participate in the meeting online, please use the following link:

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 259 054 873 390

Passcode: NRF287

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 209-662-6903,,253817460#](#) United States, Stockton

Phone Conference ID: 253 817 460#

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[Learn More](#) | [Meeting options](#)

In person public attendance will be available with limited seating. Seats are available on a first come, first served basis. Members of the public shall have the right to observe and offer public comment at the appropriate time.

CITY COUNCIL appreciates your interest and encourages your participation. Regularly scheduled meetings are held the 1st and 3rd Tuesday of each month. The Agenda is divided into two sections:

CONSENT AGENDA: These matters include routine financial and administration actions and are usually approved by a single majority vote.

REGULAR AGENDA: These items include significant financial and administration actions of special interest, hearings and work sessions. The numerical order of the items on this agenda is for convenience of reference. Items may be taken out of order upon request of the Mayor or Council Members. All questions shall be directed to the Mayor who, at his/her discretion, will refer to Staff.

Mayor Michael Chimente **(PRESENT)** | Vice Mayor Caroline Schirato **(PRESENT)**

Council Members Isabel Moncada, Alvin Broglio, Scott Behiel **(ALL PRESENT)**

City Administrator Pamela Caronongan **(PRESENT)** | City Attorney Doug White **(PRESENT)**

5:00PM CLOSED SESSION

1. **ROLL CALL** –
as noted above

2. ADJOURN TO CLOSED SESSION

- A. **Public Employee Employment (Gov. Code Section 54957)**
Title: Fire Chief
- B. **Public Employment Performance Evaluation (Gov.Code Section 54957)**
Title: City Administrator/Manager
- C. **Public Employment Performance Evaluation (Gov.Code Section 54957)**
Title: City Attorney

6:00 PM REGULAR MEETING

- 3. **ROLL CALL** – as noted above
- 4. **PLEDGE OF ALLEGIANCE** – Mayor Chimente led the Pledge of Allegiance
- 5. **REPORT OUT OF CLOSED SESSION**
 - A. **Public Employee Employment (Gov. Code Section 54957)**
Title: Fire Chief
 - B. **Public Employment Performance Evaluation (Gov.Code Section 54957)**
Title: City Administrator/Manager
 - C. **Public Employment Performance Evaluation (Gov.Code Section 54957)**
Title: City Attorney

Council will reconvene at the end of the meeting

6. APPROVAL OF THE AGENDA AS POSTED (OR AMENDED)

**Motion made by Council Member Broglio, seconded by Council Member Moncada.
Motion passed to approve by roll call vote.**

AYES: Mayor Chimente, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

7. PUBLIC COMMENT

Three (3) public comments received

8. PRESENTATIONS

A. Annual Update for the City of Angels (Joel Metzger, General Manager, Utica Water and Power Authority)

Presentation given by Joel Metzger, Utica General Manager

One (1) public comment received

9. CONSENT ITEMS

- A. **Approve Draft Minutes of May 06, 2025 (Rose Beristianos, City Clerk and Caytlyn Schrader, Deputy City Clerk)**
- B. **Account Payable (A/P) Checks and Treasurer Monthly Report - April 2024 (Michelle Gonzalez, Finance Director)**
- C. **Approve Resolution No. 25-26 Acknowledging Relocation of City Property - Picnic Tables (Amy Augustine, City Planner)**
- D. **Approve Resolution No. 25-27, Electing Coverage Under Section 709 of the California Unemployment Insurance Code for All City Employees (Rose Beristianos, Administrative Services Officer / City Clerk)**

**Motion made by Council Member Broglio, seconded by Council Member Behiel.
Motion passed to approve Consent Items by roll call vote.**

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

10. ACTION ITEMS

A. Re-Introduce, waive the second reading by substitution of title, hold a public hearing, and consider adopting Ordinance 544 Updating the City of Angels Municipal Code Chapter 15.20 (Floodplain Management and Flood Damage Prevention) (Amy Augustine, City Planner)

No public comments received

**Motion made by Council Member Broglio, seconded by Vice Mayor Schirato.
Motion passed to approve by roll call vote.**

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

- B. **Re-introduce, waive the second reading by substitution of title, hold a public hearing and consider Ordinance 545 amending Angels Municipal Code Section 17.09.120 adding a definition of “large format retail,” Revising Angels Camp Municipal Code Section 17.30.030 to allow Large Format Retail in excess of 80,000 square feet as a conditional use in the Shopping Center Commercial (SC) zoning district and amending Section 17.27.020 to allow large format retail establishments (all sizes) as a Conditional Use in the Community Commercial (CC) zoning district—both amendments subject to the same Large Format Retail requirements established in Section 17.30.050 (Amy Augustine, City Planner)**

No public comments received

Motion made by Council Member Broglio, seconded by Council Member Behiel. Motion passed to approve by roll call vote.

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

- C. **Discuss and Provide Direction to the Planning Commission RE: Allowing Feather Signs and Banners in the City of Angels (Amy Augustine, City Planner)**

Two (2) public comments received

Direction given to staff

- D. **Continuation of Agenda Item from City Council Regular Meeting of May 6, 2025: Amendment 1 Task Order 20 Transportation Funding and City Project Engineering Fiscal Year 2024-2025 (Aaron Brusatori, City Engineer)**

One (1) public comment received

Resolution No. 25-25 not referenced on the agenda. Council did not approve the resolution.

Motion made by Council Member Behiel to Approve the request for \$24,000 but to exclude the Pickle Porch Parking, seconded by Council Member Broglio. Motion passed to approve by roll call vote.

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

E. **Approve purchase of Fire Department Utility Vehicle in an amount not to exceed \$67,000 (John Rohrabough, Fire Chief)**

No public comments received

Motion made by Council Member Broglio, seconded by Council Member Behiel. Motion passed to approve by roll call vote.

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

F. **Approve New Vehicle Purchase for Water/Wastewater in an amount not to exceed \$69,290.10 (Chris O'Flinn, Public Works Superintendent)**

No public comments received

Motion made by Council Member Broglio, seconded by Council Member Moncada. Motion passed to approve by roll call vote.

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

11. **INFORMATIONAL ITEMS**

None

12. **ADMINISTRATION REPORT**

City Administrator Caronongan provided her report

13. **COUNCIL REPORT**

All members of the City Council provided respective reports

14. **CORRESPONDENCE**

None

15. **CALENDAR**

A. **May to December 2025 Calendar (Rose Beristianos, City Clerk)**

The Calendar noted above was reviewed and accepted

16. **FUTURE AGENDA ITEMS**

The following future agenda items were requested via consensus of City Council:

1. 218 and the 5 Year Plan
2. Someone to help with park, trimming headges, rentals Etc.
3. Economic Development
4. Roll call vote requirement / understanding
5. Adding Public Works personnel worker that understand Road Machines, use Road Maintenance funds
6. LAFCO – Annexation

17. **ADJOURNMENT**

Reconvened back into closed session

Report out of closed session

Direction given to staff

Motion made by Council Member Broglio to adjourn the meeting at 9:38pm, seconded by Council Member Behiel. Motion passed by roll call vote.

AYES: Mayor Chimento, Vice Mayor Schirato, Council Members Moncada, Broglio, Behiel

NOES: None

ABSENT: None

ABSTAIN: None

Michael S. Chimento

Rose Beristianos, City Clerk



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: June 3, 2025

TO: City Council

FROM: Pamela Caronongan, City Administrator

**RE: CONSENT TO A COUNTY RESOLUTION AMENDING SOLID WASTE
MANAGEMENT PARCEL FEE**

RECOMMENDATION:

Adopt Resolution No. 25-32, consenting to a Calaveras County resolution amending property-related fees imposed on improved real property within the incorporated area of the City of Angels Camp for the use of and/or ability to use the Calaveras County Rock Creek Landfill and all County transfer stations during fiscal year 2025/2026

BACKGROUND:

Residential, commercial and industrial parcels in the City of Angels Camp are charged a parcel fee for disposal of solid waste. This fee is collected by the Calaveras County Tax Collector at the same time and manner as property taxes and as part of the regular Calaveras County secured tax roll billing system.

On June 8, 2021, The Calaveras County Board of Supervisors rescinded ordinance 2510 and established a property- related fee schedule by Resolution No. 20210608r061, which is in compliance with Government Code §25830.

On June 27, 2023 Calaveras County Resolution No. 20210608r061 was amended to modify the land use classifications and to increase the solid waste fees, resulting in Resolution No. 20230627r047. Cities that rely on County disposal sites are required to consent to a resolution to amend fees for solid waste services provided to city residents.

During the regular meeting on June 6, 2023, the City of Angels City Council adopted Resolution No. 23-48 thereby approving a solid waste parcel fee to be in conjunction with the rate established by the Calaveras County Board of Supervisors and collected via the County Tax Collector in the same manner as property taxes.





CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DISCUSSION:

The City of Angels Camp will need to adopt a resolution every fiscal year consenting to the parcel fee amount to be in conjunction with the rate established by Calaveras County

FINANCIAL IMPACT:

None

ATTACHMENTS:

1. Resolution No. 25-32
2. Calaveras County – Commercial Solid Waste Generation and Cost of Service Study dated May 2, 2025
3. Calaveras County – Integrated Waste Management Comprehensive Review and Fee Study dated May 9, 2023



Calaveras **COUNTY**

Commercial Solid Waste Generation and Cost of Service Study

May 2, 2025

May 2, 2025

Ms. Jennifer Casci
Director
Calaveras County Integrated Waste Management
891 Mountain Ranch Rd
San Andreas, CA 95249

Subject: **Commercial Solid Waste Generation Study and Cost of Service Study**

Dear Ms. Casci:

Raftelis is pleased to present the findings of the Commercial Solid Waste Generation and Cost of Service Study (Study) conducted on behalf of Calaveras County, California (County) Integrated Waste Management Division (IWM). The primary objectives of the Study were to:

- conduct additional evaluations of waste generation for commercial parcels to establish updated waste generation classifications aligned with the County's land use codes; and
- develop recommended commercial parcel fees by applying the resulting waste generation factors—also referred to as Equivalent Residential Units (ERUs)—to the current parcel fee adopted by the County Board of Supervisors pursuant to Government Code §25830 and Resolution No. 20240625r056, as determined in the prior Integrated Waste Management Comprehensive Review and Fee Study (2024 Cost of Service Study).

Enclosed is our summary report, which documents the study scope, background, key assumptions, and findings for your review and consideration. We appreciate the opportunity to support the County on this important initiative and thank County staff for their collaboration in the timely completion of the Study.

Sincerely,
Raftelis Financial Consultants, Inc.



Thierry A. Boveri, CGFM
Vice President



Sarah Neely
Senior Consultant

CALAVERAS COUNTY, CALIFORNIA
COMMERCIAL SOLID WASTE GENERATION STUDY
AND COST OF SERVICE STUDY
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CALAVERAS COUNTY, CALIFORNIA

COMMERCIAL SOLID WASTE GENERATION STUDY

AND COST OF SERVICE STUDY

LIST OF APPENDICIES

Appendix No.	Description
1	Land Use Code to Commercial Waste Generation Category
2	Commercial Customer Cubic Yards of Weekly Trash Collection
3	2024 Cost of Service Study

CALAVERAS COUNTY, CALIFORNIA

COMMERCIAL SOLID WASTE GENERATION
AND COST OF SERVICE STUDY

General

The Calaveras County (County) Integrated Waste Management Division (IWM) operates a comprehensive solid waste management system that includes full-service, seven-day-per-week landfill operations, a municipal recycling facility, and six conveniently located transfer stations—each situated within approximately 10 miles of every community in the County. Access to this system is restricted to County residents, apart from a portion of western Alpine County, which participates through a paid contractual arrangement. The Rock Creek Landfill, which began operations in 1990, is permitted for five landfill expansion phases. As each disposal cell nears capacity, construction of a new cell is required in accordance with applicable state laws and permitting requirements.

In support of maintaining and expanding this infrastructure, the County previously commissioned a cost-of-service (COS) study for the Fiscal Year 2024 (the "2024 COS Study") to assess the need for rate adjustments that would ensure full cost recovery for operations and landfill expansion. Based on the findings of that study, the Board of Supervisors adopted increased solid waste parcel fees for both residential and commercial parcels within the County for Fiscal Year 2024. A copy of the prior 2024 COS Study is included as an appendix to this report. However, due to limitations in available commercial waste generation data at the time, the 2024 COS Study recommended that increases to commercial parcel fees be capped at the lesser of:

- 2.2 times the parcel’s prior fee; or
- 5.45 ERUs (Equivalent Residential Units) of the current fee or \$1,512.29 per parcel.

As a result, the 2024 COS Study recommended further analysis of the County’s commercial waste generation to support a more refined and equitable fee structure. The County subsequently commissioned Raftelis Financial Consultants, Inc. (Raftelis) to conduct a Commercial Solid Waste Generation and Cost of Service Study (Study). This report presents a summary of our analysis, assumptions, and recommendations for the County’s consideration. The Study’s primary objective was to evaluate the waste generation characteristics of commercial parcels and to recommend revised ERU factors to support a more accurate and equitable determination of commercial parcel fees.

Methodology and Analysis

The general approach to determining the waste generation characteristics within the County is based on the reported amount of commercial collection services, total waste generation reported in the county, and property tax records. The following illustration provides an overview of the methodology relied upon for the Study:



1. DETERMINATION OF WASTE GENERATION CATEGORIES BY LAND USE CODE:

The IWM’s solid waste parcel fee is a property-related service fee applied to all parcels in accordance with Government Code §25830, as authorized by Resolution No. 20240625r056. The fee is levied on all parcels in Calaveras County containing a dwelling unit, commercial structure, or other site improvement that typically generates solid waste. The fee is collected through the County Tax Collector via the secured property tax roll. Parcels are categorized based on legally permitted land uses and the estimated volume of solid waste generated annually by each use, relative to a standard single-family residential parcel, which is defined as one Equivalent Residential Unit (ERU). Prior to the 2024 COS Study, the County’s commercial parcel fees were calculated based on the following waste generation categories and associated ERU factors:

Table 1 – Prior Waste Generation Categories

Apartment (per unit)	1.00	Lumber Yard	2.00
Auto Repair	2.00	Mobile Home	1.00
Bank	1.00	Mobile Home Park (per sp) .	1.00
Bar	2.00	Motel/Hotel (per unit)	0.20
Campground (per site) . . .	0.17	Professional/Business Office	1.00
Cemetery	0.00	Residential Dwelling	1.00
Church . . . . .	. 0.50	Restaurant . . . . .	. 3.00
Fire Station (staffed) . . . .	. 1.00	Restaurant (large) . . . . .	. 6.00
Fire Station (unstaffed) . .	. 0.50	Restaurant (drive-in) . . . .	. 4.00
Gas Station with mini-mart .	2.50	Retail (small) . . . . .	. 1.00
Golf Course	1.00	Retail Store (large) . . . . .	. 2.00
Grocery (small)	2.00	School (per student) . . . .	. 0.03
Grocery (medium)	5.00	Theater . . . . .	. 1.00
Guest Cottage	1.00	Unimproved property . . .	. 0.00
Hardware Store	2.00	Unoccupied building . . . .	. 0.00
Lodge Hall	1.00		

Based on a County staff evaluation the prior waste generation use categories could not to be specifically associated with the property tax appraisers land use code. This meant revalidating and adjusting the commercial parcel fee based on the prior waste categories and ERUs would have been administratively challenging. As a result and in consultation with County staff a revised and simplified waste generation categorization system was developed:

Table 2 – Proposed Waste Generation Categories

1. General	6. Restaurant
2. Industrial	7. School
3. Land	8. Store / Retail
4. Office	9. Vacant
5. Public Space	

Appendix 1 at the end of this report provides a detailed breakdown of the assignment of the proposed waste categories as shown in Table 2 by land use code as determined by County staff.

2. DETERMINATION OF WASTE GENERATION RATIOS FROM HAULER BILLING DATA:

The County maintains a franchise agreement with the hauling company California Waste Recovery Systems, LLC (Cal-Waste) for residential and commercial collection services. The Franchise agreement provides Cal-Waste the exclusive right to perform residential and commercial waste and recyclables collections services throughout the County. In support of the Study Cal-Waste provided detailed commercial customer billing data including the customer / business name and the amount of cubic yards collected per week for each customer served as of April 2023. The following table provides a summary of the franchise hauler’s reported commercial customer trash collection data.

Table 3 – Summary of Cubic Yards of Trash Collection

Parcel Category	Customer Count	Cubic Yards of Weekly Trash	Waste Generation Ratios
General	124	247.4	23.5%
Industrial	37	100.0	9.5%
Land	2	2.0	0.2%
Office	77	139.2	13.2%
Public Space	43	85.6	8.1%
Restaurant	26	52.4	5.0%
School	4	15.0	1.4%
Store/Retail	140	385.7	36.6%
Vacant	9	27.0	2.6%
Total	462	1,054	100%

Since the County cannot practically measure waste collection statistics for each parcel or self-haul customer, the waste generation ratios is necessary in order to apportion the total amount of reported waste generation for later determination of the revised commercial ERU factors by category. A detailed breakdown of the information presented in Table 3 can be found in Appendix 2 at the end of this report.

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3. APPORTIONMENT OF COMMERCIAL WASTE TONNAGES BY WASTE GENERATION RATIO:

The commercial class waste tonnages relied upon for the Study were derived from the prior 2024 COS Study which was based on a three year average of tonnage statistics as reported by the County. The tonnages were apportioned based on the waste generation ratios as determined in the prior step.

Table 4 – Apportionment of Commercial Tonnages

Parcel Category	Waste Generation Ratios	2024 COS Study Commercial Tonnages	Conversion to Pounds (Lbs)
Total	<u>100.0%</u>	<u>6,312</u>	<u>12,624,336</u>
General	23.5%	1,512	3,023,525
Industrial	9.5%	601	1,202,169
Land	0.2%	12	24,055
Office	13.2%	813	1,625,905
Public Space	8.1%	515	1,030,053
Restaurant	5.0%	315	630,372
School	1.4%	62	124,903
Store/Retail	36.6%	2,319	4,638,605
Vacant	2.6%	162	324,748
<i>*Note amounts may not add due to rounding.</i>			

4. CALCULATE COMMERCIAL ERU FACTOR BY WASTE GENERATION FACTOR:

The commercial ERU factor is determined by taking the apportioned waste in pounds per parcel and dividing by the amount of pounds per ERU. The ERU factor is based on the reported residential annual waste generation per unit based on data relied upon in support of the 2024 COS Study.

Table 5 – Commercial ERU Determination

Parcel Category	Commercial Waste (Lbs) ¹	Parcels ²	Lbs per Parcel	Proposed ERU Factor
Parameters	(a)	(b)	(c) = (a) / (b)	(d) = (c) / 1,814.13 ³
Total	<u>12,624,336</u>	<u>914</u>	<u>13,812</u>	<u>7.6</u>
General	3,023,525	279	10,837	6.0
Industrial	1,202,169	65	18,495	10.2
Land	24,055	27	891	0.5
Office	1,625,905	136	11,955	6.6
Public Space	1,030,053	97	10,619	5.9
Restaurant	630,372	42	15,009	8.3
School	124,903	8	15,613	8.6
Store/Retail	4,638,605	260	17,841	9.8
Vacant	324,748	0	n/a	n/a
¹ Amounts shown derived from Table 4. ² Amounts shown derived from Appendix 1. ³ An ERU is equivalent to an annual amount of 1,814.13 pounds (lbs) based on the 2024 COS Study.				

5. CALCULATE PROPOSED COMMERCIAL PARCEL FEE BASED ON REVISED ERU FACTOR

The 2024 COS Study calculated and recommended a parcel fee per ERU of \$277.30 as shown in Appendix 3. Applying this current rate to the proposed ERU factors results in the recommended commercial parcel fees as shown below in Table 6.

Table 6 – Proposed Commercial Parcel Fee Determination

Parcel Category	Proposed ERU Factor ¹	Proposed Parcel Fees	Parcels ²	Proposed Revenues
Parameters	(a)	(b) = (a) x \$277.30	(c)	(d) = (c) / 1,814.13 ³
Total	n/a	n/a	<u>914</u>	<u>\$1,880,064</u>
General	6.0	\$1,656.50	279	\$462,164
Industrial	10.2	\$2,827.05	65	\$183,758
Land	0.5	\$136.19	27	\$3,677
Office	6.6	\$1,827.42	136	\$248,529
Public Space	5.9	\$1,623.19	97	\$157,449
Restaurant	8.3	\$2,294.19	42	\$96,356
School	8.6	\$2,386.52	8	\$19,092
Store/Retail	9.8	\$2,727.07	260	\$709,038
Vacant	n/a	n/a	n/a	n/a
¹ . Amounts shown derived from Table 5. ² . Amounts shown derived from Appendix 1. ³ . An ERU is equivalent to an annual amount of 1,814.13 pounds (lbs) based on the 2024 COS Study.				

The calculated proposed revenues are consistent with the targeted revenues expected from the 2024 COS Study. The following table is an excerpt which shows the commercial Equivalent Units at 6,790 x \$277.30 = \$1,882,867.

Table 7 – 2024 COS Study Excerpt

Fiscal Year 2024 Cost of Service	Total Costs
Operating Expenses	\$7,432,458
County Capital Fund Repayment	\$500,000
Deposits to Capital Fund	\$1,155,476
Airspace Capacity Replacement	\$422,517
Landfill Closure	\$90,537
Working Capital Deposits	\$740,554
Gross Cost of Service	\$10,341,542
Less Other Revenues:	
Investments/Recycling/Rents	(\$274,742)
Tip Fees	(\$508,800)
Net Cost of Service	\$9,558,000
Equivalent Residential Units (ERU)	
SFR - Equivalent Units	25,647
MFR - Equivalent Units	2,032
Com/Other - Equivalent Units	6,790
Total ERUs	34,469
Unit Cost per ERU	\$277.30

Recommendations

- 1) To ensure the full cost recovery from the commercial class it is recommended the County Board of Supervisors consider adoption of the recommended commercial parcel fees.
- 2) The proposed fees are expected to generate approximately \$1.8 million in annual revenue which is consistent with calculations assumed in support of the 2024 COS study.
- 3) The County should periodically review the solid waste parcel fees every 3 to 5 years to ensure the appropriate cost recovery by class of customer.

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CALAVERAS COUNTY, CALIFORNIA

COMMERCIAL SOLID WASTE GENERATION STUDY

AND COST OF SERVICE STUDY

LIST OF APPENDICIES

Appendix No.	Description
1	Land Use Code to Commercial Waste Generation Category
2	Commercial Customer Cubic Yards of Weekly Trash Collection
3	2024 Cost of Service Study

Appendix 1: Land Use Code to Commercial Waste Generation Category

Land use code	Land Use Code Description	New Designation	Parcel Counts	Land use code	Land Use Code Description	New Designation	Parcel Counts
0	NON-TAXABLE CODES	General	0	7931	ORCHARD - CHERRIES	Land	1
90	FOREST SERVICE	General	0	7932	ORCHARD - OLIVES	Land	0
245	RURAL -- RESTRICTED ZONING W/IMPROVEMENTS	General	0	7970	VINEYARD - VACANT	Vacant	0
330	COMMERCIAL - MIXED USE	General	1	7971	VINEYARD - PLANTED	Land	6
700	MINING -- VACANT	Vacant	0	7990	COMPATIBLE USE - WINERY	Land	1
900	OTHER -- VACANT	Vacant	0	7992	COMPATIBLE USE - SPECIAL USE	Land	1
3000	COMMERCIAL - VACANT	Vacant	0	8000	MINERAL RIGHTS	Land	0
3100	RETAIL BUILDINGS	Store/Retail	204	8100	MINING - VACANT	Vacant	0
3200	SMALL GROCERY/CONVENIENCE STORE	Store/Retail	3	8200	MINING - IMPROVED	Industrial	5
3300	OFFICE BUILDING	Office	106	8300	QUARRY	Industrial	0
3400	MEDICAL/DENTAL OFFICE	Office	19	8400	AIRPORT	General	0
3500	FINANCIAL BUILDING	Office	9	8500	LANDFILL/TRANSFER STATION	General	0
3600	GAS STATION	Store/Retail	4	8600	TELECOMMUNICATIONS TOWER	General	0
3610	GAS STATION WITH MINI-MART	Store/Retail	16	8700	HISTORICAL BUILDING	General	3
3620	GAS STATION WITH CAR WASH	Store/Retail	1	8800	CONSERVATION EASEMENT	General	1
3630	GAS STATION WITH AUTO SERVICE	Store/Retail	1	8900	TPZ	General	13
3700	AUTO SERVICE	General	25	8999	TIMBER RIGHTS	General	0
3800	CAR WASH	General	6	9010	COMMON AREA / INDUSTRIAL	Industrial	0
3900	MIXED USE	General	104	9020	COMMON AREA / COMMERCIAL	General	0
4000	LOCAL SHOPPING CENTER	Store/Retail	23	9100	PIPELINES/CANALS	General	0
4100	NEIGHBORHOOD SHOPPING CENTER	Store/Retail	6	9200	SBE ASSESSED	General	0
4200	SUPERMARKET	Store/Retail	2	9300	UTILITIES - NOT SBE ASSESSED	Office	0
4300	MOTEL/HOTEL/B&B	General	35	9320	WATER	Office	0
4400	DRIVE-IN RESTAURANT	Restaurant	8	9330	SEWER	Office	0
4500	RESTAURANT	Restaurant	34	9340	ELECTRICITY	Office	0
4600	CONVALESCENT HOSPITAL/REST HOME	Industrial	4	9360	TELEPHONE	Office	0
4700	HOSPITAL	Industrial	1	9400	PRIVATE WATER COMPANY	Office	0
4800	MORTUARY	Office	2	9500	RESERVOIR	General	0
4900	SPECIAL PURPOSE COMMERCIAL	General	31	9600	WATER RIGHTS	General	0
4901	WINERY	General	5	9700	ROADS NOT COMMON AREA	General	1
4902	FIRE STATION	General	9	9710	ROADS PRIVATE	General	0
5000	INDUSTRIAL - VACANT	Vacant	0	9720	ROADS PUBLIC	General	0
5100	INDUSTRIAL PARK	Industrial	0	9730	RIGHT OF WAY	General	0
5200	LIGHT INDUSTRIAL	Industrial	39	9800	TAXABLE GOVERNMENT OWNED	General	1
5300	HEAVY INDUSTRIAL	Industrial	4	9801	NON TAXABLE GOVERNMENT OWNED	General	2
5301	CEMENT PLANT	Industrial	0	9930	TRA SPLIT REMAINDER - COMMERCIAL	General	0
5400	RESEARCH & DEVELOPMENT	Office	0	9950	TRA SPLIT REMAINDER - INDUSTRIAL	Industrial	0
5500	MANUFACTURING	Industrial	4	9960	TRA SPLIT REMAINDER - SPECIAL USE	General	0
5600	MINI STORAGE	General	30	9970	TRA SPLIT REMAINDER - AGRICULTURAL	General	0
5800	MISC IMPROVEMENTS ON INDUSTRIAL LAND	Industrial	2	9990	TRA SPLIT REMAINDER - MISCELLANEOUS	General	0
5900	SPECIAL PURPOSE INDUSTRIAL	Industrial	6				
6000	CEMETERY	Public Space	0				
6100	FRATERNAL/SERVICE ORGANIZATIONS	General	10				
6200	SCHOOLS	School	2				
6210	PRESCHOOLS	School	2				
6220	K-6	School	0				
6230	MIDDLE SCHOOL	School	0				
6240	HIGH SCHOOL	School	0				
6270	COLLEGE	School	0				
6280	REFORMATORY	School	3				
6290	K-12	School	1				
6300	CULTURAL USES	Public Space	1				
6400	CHURCH	Public Space	64				
6500	PARK/PLAYGROUND	Public Space	7				
6600	RECREATIONAL/HEALTH CLUB	Public Space	10				
6800	GOLF COURSE	Public Space	15				
6810	EXECUTIVE GOLF COURSE	Public Space	0				
6820	DRIVING RANGE	General	1				
6900	BOAT HARBOR	General	1				
7400	VINEYARD - POTENTIAL	Land	3				
7402	VINEYARD - PLANTED	Land	4				
7500	ORCHARD - POTENTIAL	Land	1				
7510	ORCHARD - NUT TREES	Land	2				
7520	ORCHARD - FRUIT TREES	Land	1				
7920	ORCHARD - VACANT	Vacant	0				
7922	ORCHARD - WALNUTS	Land	7				

Appendix 2: Commercial Customer Cubic Yards of Weekly Trash Collection

				Cubic Yards of Weekly Trash Collection										
Land Use			Cust.					Public			Store/			
Code	Class		Count		General	Industrial	Land	Office	Space	Restaurant	School	Retail	Vacant	Total
3700	General		11		14.0	-	-	-	-	-	-	-	-	14.0
3800	General		1		3.0	-	-	-	-	-	-	-	-	3.0
3900	General		37		64.3	-	-	-	-	-	-	-	-	64.3
4300	General		15		54.3	-	-	-	-	-	-	-	-	54.3
4900	General		13		36.0	-	-	-	-	-	-	-	-	36.0
4901	General		7		8.2	-	-	-	-	-	-	-	-	8.2
4902	General		8		11.3	-	-	-	-	-	-	-	-	11.3
5600	General		6		10.0	-	-	-	-	-	-	-	-	10.0
6100	General		3		2.9	-	-	-	-	-	-	-	-	2.9
6820	General		1		3.0	-	-	-	-	-	-	-	-	3.0
8700	General		2		6.2	-	-	-	-	-	-	-	-	6.2
9020	General		5		13.0	-	-	-	-	-	-	-	-	13.0
9700	General		1		4.0	-	-	-	-	-	-	-	-	4.0
9801	General		14		17.2	-	-	-	-	-	-	-	-	17.2
4600	Industrial		2		-	2.5	-	-	-	-	-	-	-	2.5
4700	Industrial		1		-	35.0	-	-	-	-	-	-	-	35.0
5100	Industrial		3		-	7.0	-	-	-	-	-	-	-	7.0
5200	Industrial		27		-	50.3	-	-	-	-	-	-	-	50.3
5300	Industrial		1		-	1.0	-	-	-	-	-	-	-	1.0
5500	Industrial		1		-	2.0	-	-	-	-	-	-	-	2.0
5900	Industrial		2		-	2.2	-	-	-	-	-	-	-	2.2
7520	Land		1		-	-	1.0	-	-	-	-	-	-	1.0
7971	Land		1		-	-	1.0	-	-	-	-	-	-	1.0
3300	Office		42		-	-	-	49.1	-	-	-	-	-	49.1
3400	Office		13		-	-	-	56.5	-	-	-	-	-	56.5
3500	Office		8		-	-	-	11.6	-	-	-	-	-	11.6
8400	Office		4		-	-	-	4.0	-	-	-	-	-	4.0

				Cubic Yards of Weekly Trash Collection										
Land Use Code	Class		Cust. Count		General	Industrial	Land	Office	Public Space	Restaurant	School	Store/ Retail	Vacant	Total
9300	Office		3		-	-	-	7.0	-	-	-	-	-	7.0
9320	Office		4		-	-	-	6.0	-	-	-	-	-	6.0
9330	Office		2		-	-	-	4.0	-	-	-	-	-	4.0
9400	Office		1		-	-	-	1.0	-	-	-	-	-	1.0
6000	Public Space		1		-	-	-	-	-	-	-	-	-	-
6300	Public Space		3		-	-	-	-	5.0	-	-	-	-	5.0
6400	Public Space		19		-	-	-	-	22.3	-	-	-	-	22.3
6500	Public Space		4		-	-	-	-	8.0	-	-	-	-	8.0
6600	Public Space		9		-	-	-	-	14.3	-	-	-	-	14.3
6800	Public Space		7		-	-	-	-	36.0	-	-	-	-	36.0
4400	Restaurant		5		-	-	-	-	-	8.0	-	-	-	8.0
4500	Restaurant		21		-	-	-	-	-	44.4	-	-	-	44.4
6200	School		2		-	-	-	-	-	-	9.0	-	-	9.0
6210	School		1		-	-	-	-	-	-	0.7	-	-	0.7
6290	School		1		-	-	-	-	-	-	0.7	-	-	0.7
3100	Store/Retail		89		-	-	-	-	-	-	-	205.7	-	205.7
3200	Store/Retail		1		-	-	-	-	-	-	-	2.0	-	2.0
3600	Store/Retail		2		-	-	-	-	-	-	-	6.0	-	6.0
3610	Store/Retail		12		-	-	-	-	-	-	-	52.0	-	52.0
3620	Store/Retail		2		-	-	-	-	-	-	-	4.0	-	4.0
3630	Store/Retail		2		-	-	-	-	-	-	-	13.0	-	13.0
4000	Store/Retail		27		-	-	-	-	-	-	-	81.0	-	81.0
4100	Store/Retail		2		-	-	-	-	-	-	-	4.0	-	4.0
4200	Store/Retail		3		-	-	-	-	-	-	-	18.0	-	18.0
3000	Vacant		7		-	-	-	-	-	-	-	-	24.0	24.0
5000	Vacant		2		-	-	-	-	-	-	-	-	3.0	3.0
	Total		462		247.4	100.0	2.0	139.2	85.6	52.4	10.4	385.7	27.0	1,050

Calaveras County, CA



Integrated Waste Management Comprehensive Review and Fee Study

Prepared for:

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Integrated Waste Management

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RAFTELIS

May 9, 2023



Innovative, Sustainable Solutions
for Solid Waste Management

QUALITY · VALUE · ETHICS · RESULTS

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Integrated Waste Management Comprehensive Review & Fee Study

May 9, 2023

GERSHMAN, BRICKNER & BRATTON, INC.

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1 - Introduction

1.1 - Study Objective

The objective of this study is to evaluate and assess the quality of service, cost, efficiency, and overall effectiveness of the current solid waste management system in Calaveras County, CA, and to provide recommendations and implementation strategies for system improvements moving forward. In Calaveras County (County), solid waste management exists within a complex system of finance, infrastructure, policy, and public use. It intersects with many other County goals, departments, programs, and initiatives, including public health, sustainability, and equity. The following analysis examines various elements of the current solid waste management system to develop recommendations for improvements that align with the priorities of Calaveras County Integrated Waste Management (IWM) and the County.

1.2 - Methodology

This assessment was completed by Gershman, Brickner & Bratton, Inc. (GBB), a solid waste management consulting firm that has been helping clients find innovative, equitable, and cost-effective solutions to their waste challenges for over forty years. GBB partnered with Raftelis and worked collaboratively with the IWM Director and other staff through an in-person site visit and several meetings in which information was collected for analysis. This process included a review of the current system's waste tonnages, planning area information, regulatory and legal information, and existing financial and collection systems information. Once these details were obtained, the team completed an in-depth financial analysis as well as a technical review of the current facilities, equipment, operations, and organizational structure.

In December of 2022, GBB personnel visited the County Landfill as well as a selection of transfer stations and observed the site conditions and operations. Interviews with several IWM site operations employees were conducted. The purpose of these interviews was to obtain information related to the procedures followed to operate the site. GBB interviewed:

- Jennifer Casci (Director)
- Paul Feriani (Operations Manager)
- Mark Davis (Engineer)
- Richard Djonorh (Operations Supervisor, assigned to the Landfill)
- Dan Johnson (Equipment Operator)
- Don Brand (Operations Supervisor)
- Ray Satkamp (Operations Foreman)

GBB considered best practices that incorporate efficient, cost-effective, and environmentally sound operations. GBB also evaluated technology that could be applied to improve efficiency (e.g. landfill compaction equipment); staffing; type of equipment; condition of equipment; use of landfill cover materials management; leachate treatment and disposal; personnel assignments and operating hours.

1.3 - Baseline Solid Waste Information

As shown in the following table, 35,584 tons of landfill waste¹ were processed in Calaveras County in 2022. Based on historical population trends and assumptions, the tonnage forecast was held constant. While population has declined, the projection assumes that the population will stabilize. If the population does

¹ Landfill Tonnages include compacted and uncompacted waste, residuals for MRF, and Mixed Demolition/Clean Fill Debris and minor amounts of other waste.

continue to decline, then the County would be landfilling less waste and the life of the landfill could be extended. The tonnage statistics are summarized in Appendix A – Responses to RFP Questions.

2 - Organizational Review

Integrated Waste Management is headed by the Director of Integrated Waste (IWM) who oversees the three departmental leads: Integrated Waste Manager, Department Analyst, and Engineer. Currently, two Operations Supervisors report directly to the Integrated Waste Manager and supervise the two main areas of operations staffed by County personnel; the Municipal Recycling Facility (MRF) and the Landfill. Additionally, a department Administrative Assistant reports to the Department Analyst. The Engineer supports the operations of both facilities, and the department Financial Analyst supports the Director of IWM in management, accounting, and budget development.

The MRF supervisor oversees ten (10) Waste Workers. The Landfill supervisor oversees three Foreman, three Equipment Operators, and a Waste Worker II. IWM currently has two experience levels within the Waste Worker position; four are Waste Worker II, and the remaining six are Waste Worker I. Both supervisors are responsible for scheduling staff assigned to the two facilities for open hours and for work after facility open hours as well as providing staff appropriate time off.

A large component of the Calaveras IWMM system operations includes the transfer stations, which are further described in the Operational Assessment section of this report. The six transfer stations are currently operated and maintained under a contract by Gambi Disposal, Inc. (Gambi). Typically, one (1) Gambi employee per transfer station is assigned to staff the facility during open hours. There are also two Annexes, co-located with the transfer stations Wilseyville and Red Hill, which provide yard waste material management. These Annexes are operated and maintained by employees of IWM separate from Gambi's operations. At these locations, the facility collects and temporarily stores wood waste, electronics, latex paints, used oil, antifreeze, and white goods/appliances. While Gambi does not typically provide the grinding services, they do on occasion help transport the chips from the annex to Rock Creek.

Calaveras County maintains a franchise agreement with the hauling company California Waste Recovery Systems, LLC (Cal-Waste) for residential and commercial collection services.

2.1 - Overall Staffing

Overall, the organizational structure is meeting the solid waste management needs of the County. Listed below are initiatives that may help maintain and enhance the smooth and efficient running of the organization.

- Job descriptions and responsibilities need to be reviewed and updated to accurately reflect current assigned duties and responsibilities.
- Reassess adequate staff capacity at Landfill and MRF facility to allow for consistent, regular time off and to allow flexibility in staffing assignments.
- Add one maintenance staff to be dedicated to the Rock Creek Facility to serve dual responsibilities at both the Landfill and Transfer Station/MRF.
- Adjust organizational responsibilities and re-assign operational and management tasks to enhance efficiency in operations and make best use of staffing talent. This should address the need for a Project Manager position to execute ongoing and new CIP projects on an ongoing basis.

- Supervisory training in the area of Operations, Maintenance, and Finance for supervisors below the Director is needed to enhance the capabilities of staff and make an investment in personnel.

2.2 - Operational Staffing

Currently, IWM is able to staff without relying on overtime. Staff scheduling is typically flexible and staff are generally willing to help provide coverage as needed. However, relying on staff flexibility and willingness to cover as needed is not sustainable in the long run. Furthermore, the ability for staff to take time off is limited given the vacant positions and the need to have additional staff to cover for staff on sick leave or vacation in addition to regular time off.

While it appeared from interviews that staff have been flexible in adjusting to staffing needs when asked, over time this can become burdensome and a cause of burnout and fatigue when staff are asked to work more than 40 hours in jobs on an ongoing week after week basis. There also seems to be a need for an **Operations Superintendent for Landfill Operations**. The current Operations Supervisor manages the Transfer stations with annexes and the IWM Manager oversees all operations. A Landfill Superintendent with engineering experience would benefit the Landfill Operations and allow for the Operations Manager to supervise more effectively the MRF and Transfer Station locations and actively manage collections contracts.

There also seems to be a need for a full-time **Operations Superintendent for Transfer Station Operations** alone. The current IWM Operations Manager is stretched considerably thin with all six Transfer Station locations as well as the MRF and Landfill.

Additionally, with regard to maintenance support, it may be advantageous for IWM, given the estimate of 30% of manhours used of 6 DPW maintenance staff totaling about 3,800 hours, to bring on a full-time maintenance staff dedicated to the specialty equipment IWM has in operation at the landfill and MRF. This person can be located full-time at the landfill, working from the Office/Maintenance Shop and serve a dual role for both the Landfill and the Transfer Station/MRF.

3 - Operational Review

This section describes the current operations of the IWM system. It includes an assessment of current contracts, data gathering and tracking methods, current and projected system capacity, and equipment life-cycle assessment.

3.1 - Overview

IWM is a division of Calaveras County Administration and is responsible for the solid waste management programs that serve the County. All solid waste operations, including waste collection and disposal and recycling services to residents and businesses in Calaveras County, fall under IWM. Prior to IWM being under the Administration umbrella, it was a division of the Calaveras County Department of Public Works (DPW) for over 40 years.

Calaveras County retains a comprehensive solid waste system that consists of six (6) transfer stations, one Class II landfill with a MRF and one closed Class III landfill. IWM implements and manages all programs within the system including household hazardous waste collection services, recycling/diversion programs, and green waste collection/recycling services. Residential and commercial services are facilitated through

a franchise agreement with Cal-Waste. The Calaveras County solid waste management system serves a population of 46,220 residents as of 2021.

3.1.1 - Enterprise Fund

IWM is an enterprise fund that is primarily funded through a solid waste parcel fee that was established in 1976. This annual fee is based on the “residential equivalent,” defined as the average amount of solid waste generated by a single-family dwelling. The parcel fee allows County residents to dispose of two cubic yards of household trash per day, at no additional charge, to any of the disposal facilities within the County. This parcel fee structure has been in-place for over 40 years with the rate gradually increasing from \$28 to the current fee of \$150 per residential equivalent. This current fee of \$150 per household has been in place, and not been increased, since 1991. The total cost of solid waste disposal in Calaveras County is described in the Capital Structure section of this report.

3.1.2 - Service Area

From the standpoint of solid waste management, there are two service areas within Calaveras County: the unincorporated areas of the County, and the City of Angels. The County has a Joint Powers Agreement (JPA) with the City of Angels, and except for the permitting of privately-owned solid waste collection vehicles, IWM administers solid waste services for the City of Angels as well as for all unincorporated areas of the County. Additionally, the County has a JPA with the western portion of Alpine County, which was established in 1974.

3.2 - Collection Programs

IWM manages residential and commercial waste and recyclables collections services through a Franchise Agreement with Cal-Waste located in Galt, CA. The Franchise agreement provides Cal-Waste the exclusive right to perform residential and commercial waste and recyclables collections services throughout the County. Cal-Waste pays the County a franchise fee, established by County resolution, for the exclusive right to perform the specified services. The Franchise Fee represents a percentage of the gross collection revenues received by Cal-Waste from the County residential and commercial customer base. The Franchise Fee is paid within 45 days of the end of each quarter. In addition to the Franchise Fee Cal-Waste must pay the County \$200.00 per front-line collection vehicle and \$50.00 per backup collection vehicle operated in the County.

The term of the Franchise Agreement is September 13th, 2016, through June 30th, 2026. The County may extend this Agreement for up to 6 months, in any increment of time or times, by providing Cal-Waste with one month's notice before any such extension is to take effect. Cal-Waste may request and may be granted up to two five-year extensions of the Agreement, the first for five years and the second for five years, if the County determines in its sole discretion that the company has provided satisfactory service throughout the term of the agreement.

Cal-Waste is responsible for providing an out-of-county disposal option for the solid waste collected within the County as part of the contracted collection services. The residue generated as the result of the processing of the recyclables collected from the residential and commercial customers located within the County is permitted to be disposed of at the Rock Creek Solid Waste Facility Landfill with no applicable disposal charges.

The company must offer and provide the following services when requested by residents and commercial establishments as part of the Franchise Agreement:

- Curbside collection of residential recyclables on a bi-weekly basis
- Collection of recyclables on a weekly basis from multi-family residences, commercial businesses, hotels, resorts and schools within seven days of request
- Information to C & D customers on diversion of debris
- Hauler will help organize and service recycling programs for schools
- Hauler must provide solid waste and bulky waste collection services upon request to residential units and commercial establishments.

Details pertaining to fees charged for various collection services are outlined in Appendix E – Waste Collection Fees and Details.

3.3 - Transfer Stations

The system of transfer stations (also known as convenience centers) provides for the drop-off and collection of solid waste, recyclables, green waste, and household hazardous waste. The six transfer stations are located throughout the County to provide access for the residents and limit travel time to the facilities. The transfer stations all utilize a system of roll-off-based compactor units for the collection of solid waste and source-separated cardboard. The solid waste is transported to the Rock Creek Solid Waste Facility for disposal. Single-stream recyclables are collected through the use of 20-yard multi-port covered roll-off containers located at each of the transfer stations. Green waste is accepted at some of the transfer stations and stockpiled onsite until sufficient quantities are accumulated and then shredded by IWM through the use of a tub grinder unit. The shredded green waste is then transported to the Rock Creek Solid Waste Facility for use as an alternative daily cover and for slope stabilization.

As indicated in Table 1, all County transfer stations, as well as solid waste hauling trucks, are operating well below their permitted capacities.

Table 1 - Transfer Stations and Haulers Permitted vs. Received Tons

Transfer Stations	Tons/day		Trucks/day		Trucks/month
	Permitted	Received	Permitted	Received ²	Received
Avery Recycling & Disposal	54	8	750	478	9,564
Copperopolis	38	7	560	204	6,111
Paloma	38	3	560	31	923
Red Hill	80	8	N/A	290	4,641
San Andreas	38	7	560	200	3,200
Wilseyville	80	8	N/A	185	2,967

The transfer stations are operated for the County by Gambi in accordance with a Professional Services Agreement. The Gambi Agreement details are summarized in Appendix C – Gambi Operations Agreement

² The number of trucks received per day based on actual monthly figure divided by average number of days open per month for each facility.

Details. Based on discussions with IWMM personnel, Gambi is performing its contractual responsibilities well and is responsive to the needs of the County.

3.3.1 - Transfer Stations Operational Assessment

Each County transfer station is profiled in Appendix D – Transfer Stations Operational Details. The following assessments were made after a site visit, document reviews, and conversations with staff. (The Rock Creek transfer stations is discussed in the following section, which outlines all the facilities co-located at the Rock Creek site.)

Avery Recycling & Disposal Transfer Station

The facility appears to be in good condition, operating properly and in accordance with the requirements of the IWM.

Copperopolis Transfer Station

The facility appears to be in fair condition, operating properly and in accordance with the requirements of the IWM. It is important to note that this facility was constructed in 1974 and requires basic infrastructure maintenance such as pavement resurfacing, updated signage, and stormwater management improvements.

Paloma Transfer Station

The facility appears to be in fair condition, operating properly and in accordance with the requirements of the IWM. It should be noted that it was constructed in 1974 and requires basic infrastructure maintenance such as pavement resurfacing, improvement of signage and stormwater management improvements.

Red Hill Transfer Station

The facility appears to be in fair condition, operating properly and in accordance with the requirements of the IWM. The quantity of yard waste stockpiled at the facility appeared to be significant and may at times pose a potential fire hazard.

It should be noted that the facility was initially constructed in 1974 and the yard waste, HHW, appliances and the tires management area was developed in 1998. The overall site requires basic infrastructure maintenance such as pavement resurfacing, improvement of signage and possible stormwater management controls.

San Andreas Transfer Station

The facility appears to be in fair condition, operating properly and in accordance with the requirements of IWM. It should be noted that the facility was constructed in 1974 and requires basic infrastructure maintenance such as pavement resurfacing and improvement of signage. The onsite compactor units appeared to require refurbishment or possible replacement.

Wilseyville Transfer Station

The facility appears to be in fair condition, properly operating and in accordance with the requirements of IWM. The quantity of yard waste stockpiled at the facility, however, may at times represent a potential fire hazard and sufficient fire break corridors should be maintained in accordance with established standards.

It should be noted that the facility was initially constructed during 1974 and the Annex was developed in 1998. The overall site is in need of basic infrastructure maintenance such as pavement resurfacing, improvement of signage and possible stormwater management controls.

3.4 - Rock Creek Solid Waste Facility

The Rock Creek Solid Waste Facility consists of both the Rock Creek Landfill and Rock Creek Transfer Station/MRF. Each facility is discussed separately but both are listed as permitted operations under one solid waste facility permit for the site. 500 tons per day can be disposed of at the landfill and 500 vehicles per day may enter the facility to drop off either trash or recyclables.

3.4.1 - Rock Creek Landfill

Details pertaining to the Rock Creek Landfill are included in Appendix F – Rock Creek Landfill Details and Observations and contain general information about the landfill as well as observations made over the course of the site visit and discussions with key staff.

Equipment and Staffing

The landfill is characterized by a number of conditions and staffing issues that may be improved so that the County can execute its mission pertaining to solid waste management. The most critical consideration pertains to equipment that is old and beyond its service life for efficient operation and maintenance. In such cases, the equipment is not achieving desired compacting effort, resulting in a loss of landfill airspace and increasing costs. A landfill equipment list and suggested improvements are **provided in the Financial Model** (Excel document accompanying this report).

Employees need to be hired to provide personnel resources to better manage infrastructure, equipment and provide redundancy in personnel.

3.4.2 - Rock Creek Transfer Station & Municipal Recycling Facility (MRF)

The Rock Creek MRF was built in 2006 and provides consolidation and material management of special waste streams in addition to MSW and SSR. GBB staff observed MRF operations, receiving, consolidation, recycling, roll-off operations, and discussed with IWM staff to make performance observations. GBB considered best practices that incorporate efficient, cost-effective, and environmentally sound operations. GBB also evaluated technology that could be applied to improve efficiency (e.g., baler equipment); roll-off routing, staffing, type of equipment; condition of equipment; operation of equipment; management of traffic pattern, customer experience; personnel assignments and operating hours. A detailed account of GBB observations are included in Appendix G – Rock Creek Transfer Station & MRF Details and Observations.

In regard to cleanliness, the facility exhibits good housekeeping practices with no debris buildup in and around the facility.

In regard to safety, the staff and personnel appeared to conduct a safe operation.

In regard to facility repair needs, the facility has had considerable wear and tear that has not been repaired or replaced for an extended period of time. The three primary areas of concern are outlined below, with supporting photographs contained in Appendix G – Rock Creek Transfer Station & MRF Details and Observations.

Building exterior cladding and framing

Much of the exterior metal sheeting that once enclosed the facility along the container bays, as well as the associated steel structural members that have been struck by material and equipment and are no longer structurally intact. With missing panels across large areas, the tip floor locations are no longer protected

from weather and wind which in turn causes air quality issues in the facility impacting worker and residential respiratory safety.³

Concrete push wall

The concrete push wall located at the south wall is in disrepair and needs structural restoration.

Container Aprons

Concrete aprons where containers are off loaded and loaded are grooved and worn needing repair and restoration. The aprons, as originally designed, do not extend out far enough to allow for ease of loading and off-loading container.

3.5 - Vehicle and Equipment Maintenance Program

The DPW Maintenance Department is responsible for maintaining the IWM's vehicles, support equipment and heavy equipment. In addition, the DPW also maintains the Rock Creek Solid Waste Facility's environmental systems, such as the methane gas recovery system, and John Zink for the maintenance of the flare system. It is estimated that 30% of the DPW Maintenance Department's budget and work hours are spent on maintaining the IWM's vehicles, heavy equipment and infrastructure systems. The Maintenance Department contracts with the HOLT Caterpillar to perform all preventative maintenance tasks for the IWMD's heavy equipment.

The DPW Maintenance Department maintenance facilities appear to be in good condition and meet the needs of the Department. The Maintenance Department employs 6 full-time mechanics & uses approximately 1.5 FTEs to support the IWM. The Manager of the Maintenance Department estimates that the Department could use 1 to 2 additional mechanics or assistant mechanics to handle Pre-trip and Post-trip repairs for IWM operations. Alternatively, this need could be augmented by IWM hiring one full-time mechanic to be based at the Rock Creek maintenance facility to perform a dual role of maintenance for equipment at both the Landfill and Transfer Station/MRF facility as well as maintenance of facilities as needed.

The Maintenance Department utilizes a Cost Accounting Management System (CAMS) software program for scheduling preventative maintenance tasks, maintenance history, parts inventory and tracking of expenses. The data is entered into the CAMS system by an Administrative Assistant. The CAMS software program appears to be well-maintained and useful to track all related costs and maintenance activities.

The relationship between the DPW Maintenance Department and the IWM appeared to be positive and cooperative. In addition, the continued support of maintenance services provided by the DPW Maintenance Department should be augmented by one full-time staff either a DPW personnel or a IWM personnel staffed at the Rock Creek Facility to be sufficient for the required operations and services required of the IWM going forward.

4 - Capital Structure Assessment

The foundation of the rate study and the primary objective of the solid waste rates are to reasonably recover the cost of providing service, cost of infrastructure investment and compliance with covenants of

³ As of March 6, 2023, the damaged siding was replaced, and heavy steel was placed on the inside to protect the siding from future damage as waste is pushed into bins.

internal fiscal targets (referred to as the “Revenue Sufficiency” evaluation). The full cost accounting assesses the total cost of solid waste disposal in Calaveras County. The numbers are based on reports and information provided by the County including the County’s Operating Budget, Rate Resolutions, Resolution of Parcel Fees, and the Annual Closure and Corrective Action Submittal.

Ensuring adequate cash reserves and appropriate cash flows generally results in a sustainable long-term financial plan that can mitigate the financial and operating risk from unanticipated or sudden events to operations (i.e., changes in market conditions affecting operations and recovered materials revenues, continued reduced growth or tonnages, unanticipated or extraordinary expenses, unfunded mandates, etc.). The identified revenue requirements to be funded from rates are then allocated based on the type and level of service.

The Financial Model, an Excel document accompanying this report, details current and projected Revenues, Expenses to arrive at the Net Revenue Requirements.

4.1 - Revenues

There are three streams of revenues through the County’s fees: Solid Waste Fee (Gate/Tip Fees), Secured Solid Waste (Parcel Fees), and Non-secured Solid Waste (Parcel Fees for non-taxable properties).

Additional Income and Funds from Other Sources that are accounted for are:

- Revenue from Use of Money/Property
- Licenses, Fees, and Permits
- Intergovernmental Revenue
- Miscellaneous Revenue
- Other Financing Sources

4.2 - Expenses

The following expense categories are captured in the Financial Model:

Operating Expenses

- Personnel
- Professional Services
- Franchise Contractual Services
- Other Contractual Services
- General Operating
- Utilities
- Operating Supplies
- Insurance
- Bad Debt
- Capital Outlay

Debt Service Requirements (if any)

Other Revenues

- Transfers
- Closure
- Other Expenses
- Contingencies
- Capital

4.3 - Net Revenue Requirements

In the full cost accounting table, to reach an estimated unit cost per equivalent parcel, the Net Revenue Requirements (Operating Expenses, Transfers, Closure, Contingencies, Capital) were subtracted from the Solid Waste Fee (Gate/Tip Fees) Revenue, to understand the costs that are needed to be recovered through

the parcel fees. This cost differential was then divided across the assumed billing units (parcels) to reach an estimated unit cost per parcel.

4.4 - Solid Waste Fee and Cost of Service Study

4.4.1 - Background

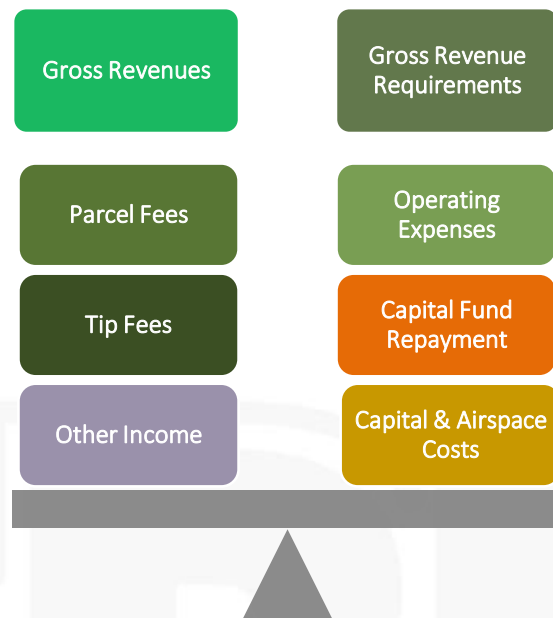
Raftelis Financial Consultants Inc. (Raftelis) was tasked as a subconsultant to GBB on behalf of the County Integrated Waste Management (IWM or System) to perform a solid waste fee and cost of service study (Study). The primary purpose of the engagement was to:

- I. Develop a forward-looking financial model of solid waste operations through Fiscal Year 2029 to project funding requirements and examine the sufficiency of existing fee revenues to fund such costs;
- II. Assess the cost of service associated with providing service to County properties; and
- III. Provide fee recommendations for the Board of Supervisors (Board) consideration.

To assess the sufficiency of the County's charges for service Raftelis developed a dynamic 7-year cost-of-service model of the County's solid waste program operations comprising the Fiscal Years 2023 through 2029 (Forecast Period). The model was based on a variety of data including but not limited to three (5) years of historical tonnage and financial data, private contractor agreements, current operating and capital budgets, landfill closure cost estimates, landfill air space utilization reports and other information. The financial model incorporates several underlying working papers that calculate key contract services and variable costs such as the contracted cost of transfer station operations and landfill closure costs.

Figure 1 shown presents an overview of the methodology used in assessing the sufficiency of revenues to cover the revenue requirements or cost of service. The revenue requirements of the solid waste system include operating expenses, capital funding requirements, landfill air space replacement and closure fund deposits, and working capital reserve deposits. If the revenue requirements exceed the gross revenues of the system, the operations are considered deficient, while producing gross revenues more than revenue requirements are referred to as a surplus. The Study forecasted and evaluated the revenue sufficiency for the solid waste funds over the forecast period included the Fiscal Year 2023 through 2029 (Forecast Period). The forecasted revenue sufficiency was used to determine the projected ending fund balances of the solid waste system over the Forecast Period as shown in Table 17 and Table 18 of this report.

Figure 1 - Revenue Sufficiency



The cost of service was calculated for the Fiscal Year 2024 representing the fiscal year of the proposed rate increases. The cost of service for Parcel Fees was determined by identifying the gross revenue requirements

and netting out all other applicable revenues resulting in a net revenue requirement to be funded from the respective fees. The applicable equivalent unit billing determinants as presented within the statistical section of this report, were used to determine the unit cost of service as presented in Table 8.

It should be noted that the information reported herein is believed to be accurate to the best of our knowledge and is assumed to be reasonable for the purposes of estimating the cost of service with fee recommendations pursuant to Government Code Sections 25830 and the Proposition 218 Omnibus Implementation Act at Gov. Code 53750. In addition to recommending fees, the intent of providing this information is to help support a general understanding of the County's financial needs to support the System programs operations and services.

4.4.2 - Parcel Fee and Equivalent Residential Units (ERU)

The County's current parcel fee was established by Ordinance 2510 in 1997 at a rate of \$150 charged per equivalent residential unit (ERU) and has not increased since such time. Over 80% of IWM revenues are derived from the parcel fees. The County adopted a change to the ordinance to allow for establishing the parcel fee by resolution. The current fees for service are adopted pursuant to Resolution No. 20210608r061 (Rate Resolution). Due to the voluntary nature of collection service and to promote economic flow control the County charges a parcel fee to recover the cost of service for the System. Table 2 - Existing Parcel Fee provides a summary of the parcel fee by customer class.

Table 2 - Existing Parcel Fee

Customer Class	Parcel Fee
Single Family Residential (SFR) Parcel	\$150 per residential unit
Multi-Family Residential (MFR) Parcels	\$150 per residential unit
Non-residential / Commercial Parcels	Varies by ERU Factor by Land Use Code
<i>Please note that the County provides fee exemptions by application for (a) all unimproved properties; and (b) any additional properties owned by Calaveras County residents (other than the one containing their primary residence) that are used solely for personal use (e.g. not commercial or income-generating).</i>	

Pursuant to the original ordinance that adopted the parcel fee in 1997, non-residential and commercial parcels are billed pursuant to an ERU factor as shown in Table 3. As can be seen, these factors vary based on the type of property. Based on current billing data pursuant to the property assessor data the number of ERUs for the commercial / non-residential class total 3,035 and was calculated by dividing the total reported revenue for the Fiscal Year 2022 for such parcels by the parcel fee for 1 ERU at \$150. The ERUs per commercial / non-residential parcel approximate an average equivalency factor of 2.44x. Table 4 shown below presents a summary of the property assessor parcel data and equivalency factors.

Table 4 - Existing Parcel and ERU Statistics

Class	Parcels	ERUs
SFR	25,107	25,647
MFR	493	2,032
Non-Residential	1,245	3,035 (2.44x)
Total	26,845	30,714

As can be seen from Table 4, the County charges approximately 26,845 parcels and the equivalent of 30,714 parcel fees at \$150 corresponding to approximately \$4.5 million annually. It should be noted that the parcel fee does not recover the cost of voluntary collection service which is directly charged by the County's franchised hauler to customers for service.

Table 3 - Existing Parcel Fee

B. Classification of Parcels. Land within the County has been classified in accordance with various uses to which the land is put and in accordance with the average volume of waste occurring from each of the designated land use classifications. Applicable solid waste generation rates (expressed as multipliers of the "residential equivalent") are hereby established for each land use classification in accordance with the following schedule: Table 3 - Residential Equivalents (Multipliers)

Apartment (per unit)	1.00	Lumber Yard	2.00
Auto Repair	2.00	Mobile Home	1.00
Bank	1.00	Mobile Home Park (per sp) .	1.00
Bar	2.00	Motel/Hotel (per unit)	0.2
Campground (per site) .	0.17	Professional/Business Office	1.0
Cemetery	0.00	Residential Dwelling	1.0
Church	0.50	Restaurant	3.0
Fire Station (staffed) . . .	1.00	Restaurant (large)	6.0
Fire Station (unstaffed) .	0.50	Restaurant (drive-in) . . .	4.0
Fire Station (unstaffed) .	0.50	Restaurant (drive-in) . . .	4.0
Gas Station with mini-mart	2.50	Retail (small)	1.0
Golf Course	1.00	Retail Store (large)	2.0
Grocery (small)	2.00	School (per student) . . .	0.0
Grocery (medium)	5.00	Theater	1.0
Guest Cottage	1.00	Unimproved property . . .	0.0
Hardware Store	2.00	Unoccupied building	0.0
Lodge Hall	1.00		0

4.4.3 - Customer Statistical

The cost of service has a direct link to the County's underlying population and waste generation statistics since the use of landfill and facilities needs are dependent on customer demands. Table 5 presents a recent history and projection of population growth. The forecast by the California Department of Finance indicates a slight decline for 2023 with minor growth thereafter. Based on this we have assumed no growth in System demands due to population growth for the Forecast Period.

Table 5 - Population Statistics

Source	Year	Population	Change
US Census: <i>Actual</i>	2010	45,578	
	2020	45,292	(0.6%)
California Department of Finance: <i>Population Projections</i> (https://dof.ca.gov/forecasting/demographics/projections/)	2023	44,222	(2.4%)
	2024	44,325	0.2%
	2025	44,443	0.3%
	2026	44,551	0.2%
	2027	44,677	0.3%
	2028	44,824	0.3%
	2029	44,877	0.1%

With respect to waste generation within the County, IWM receives and processes approximately 35,000 tons of waste annually, which is estimated based on a review of waste generation statistics for the last five (5) years. This amount does not include waste that is disposed of out of County by the franchise hauler as required pursuant to the 2016 franchise agreement (Franchise Agreement). The current Franchise Agreement required diversion of waste out of County to help extend the life of the current landfill cell. We estimate the tons leaving the County at approximately 13,000 per year based on tonnage reports provided by the franchise hauler (reference Table 7). With respect to the waste processed within the County, approximately 10,000 to 11,000 tons per year are processed through the County's six (6) transfer stations throughout the County. Table 6 shown below summarizes the County's Board of Equalization (BOE) tonnage reports by type of waste.

Table 6 - BOE Tonnage Statistics by Waste Type

Category	Year	Landfill	Green Waste	C&D	Other	Less Outbound ⁽¹⁾	Net Landfilled	Transfer Station
Historical	2018	28,770	8,417	1,247	935	(2,173)	37,197	n/a
	2019	27,846	6,698	659	620	(2,749)	33,073	n/a
	2020	30,266	5,777	1,168	1,287	(2,531)	35,968	n/a
	2021	28,118	6,192	3,347	235	(2,067)	35,826	11,544
	2022	26,415	4,300	2,272	487	(2,110)	31,364	10,448
	2023	26,415	4,300	2,272	487	n/a	35,584	10,448

Category	Year	Landfill	Green Waste	C&D	Other	Less Outbound ⁽¹⁾	Net Landfilled	Transfer Station
Forecast	2024	26,415	4,300	2,272	487	n/a	35,584	10,448
	2025	26,415	4,300	2,272	487	n/a	35,584	10,448
	2026	26,415	4,300	2,272	487	n/a	35,584	10,448
	2027	26,415	4,300	2,272	487	n/a	35,584	10,448
	2028	26,415	4,300	2,272	487	n/a	35,584	10,448
	2029	26,415	4,300	2,272	487	n/a	35,584	10,448
(1) Outbound tons include but are not limited to tires, recovered metals, and cardboard.								

The County's franchise hauler provided waste generation statistics by customer class and region. Pursuant to the franchise collection agreement the contractor is required to take waste out of the County to preserve capacity and delay the need for the landfill cell expansion. Based on discussions with County staff some of the waste collected by the contractor is delivered to the County's landfill including waste from Alpine County and Angel Camp. It should be noted that any tons delivered to the landfill would be accounted for within the BOE landfill tonnage reports as previously presented in Table 6. Table 7 was primarily relied upon to determine the equivalent residential unit (ERU) factor for the commercial class and to estimate the quantity of potential out-of-county waste.

Table 7 - Franchised Hauler Statistics and Equivalent Unit Determination

	2020	2021	2022	Avg.	MF Unit Tons ¹	Adj. Tons	Billing Units ²	Tons /Unit	ERU Ratio ³
Calaveras									
Industrial	846	890	1,241	992	n/a	n/a	n/a	n/a	n/a
Commercial	5,873	6,759	6,523	6,385	n/a	n/a	n/a	n/a	n/a
Residential	5,215	5,595	5,580	5,463	n/a	n/a	n/a	n/a	n/a
Total	11,934	13,244	13,344	12,840	n/a	n/a	n/a	n/a	n/a
Alpine County ⁴									
Industrial	208	292	12	171	n/a	n/a	n/a	n/a	n/a
Commercial	136	213	191	180	n/a	n/a	n/a	n/a	n/a
Residential	n/a	n/a	120	120	n/a	n/a	n/a	n/a	n/a
Total	344	505	323	391	n/a	n/a	n/a	n/a	n/a
Angels Camp (AC) ⁴									
Industrial	119	187	315	207	n/a	n/a	n/a	n/a	n/a
Commercial	1,439	1,623	1,513	1,525	n/a	n/a	n/a	n/a	n/a
Residential	718	814	777	769	n/a	n/a	n/a	n/a	n/a
Total	2,276	2,623	2,605	2,501	n/a	n/a	n/a	n/a	n/a

	2020	2021	2022	Avg.	MF Unit Tons ¹	Adj. Tons	Billing Units ²	Tons /Unit	ERU Ratio ³
Total									
Industrial	1,173	1,369	1,568	1,370	n/a	n/a	n/a	n/a	n/a
Commercial	7,449	8,595	8,227	8,090	(1,778)	6,312	1,276	4.95	5.45
Residential	5,933	6,408	6,476	6,272	n/a	6,272	6,915	0.91	1.00
Total	14,554	16,372	16,272	15,733	n/a	n/a	n/a	n/a	n/a
Less AC/Alpine Tons ⁴	(2,620)	(3,128)	(2,928)	(2,892)	n/a	n/a	n/a	n/a	n/a
Est. Out of County Waste⁴	11,934	13,244	13,344	12,840	n/a	n/a	n/a	n/a	n/a

(1) Pursuant to County staff, the franchise hauler reports multi-family (MF) tons within the commercial waste classification. In order to determine the commercial waste tons we estimated the MF-class waste based on the reported number of MF units pursuant to the property assessor data times the residential waste generation per unit at 0.91 tons.

(2) Billing units for the commercial class is based on the property assessor data. This calculation assumes all commercial parcels receive franchise collection service. Billing units for residential service represent the # of residential accounts represented as the number of bins/containers collected as reported by the franchise hauler.

(3) The equivalent residential unit (ERU) billing ratio is calculated based on the ratio of waste generation per billing unit in ratio to the residential waste generation per unit to determine the equivalent residential unit (ERU) factor for the commercial class.

(4) Based on discussions with County staff the Franchise Hauler may deliver all or a portion of waste from Alpine County and Angels Camp. The net tons shown represent the potential out-of-county waste that could be repatriated once the County's new landfill cell is constructed pending a contract amendment with the franchise hauler.

Pursuant to Table 7, the ERU factor for the commercial class is calculated to be greater than the current factor as adopted by the Rate Resolution as previously presented in Table 8. The proposed ERUs will be relied upon later in the determination of the calculated cost of service per ERU as presented in Section 4.4.8 of this report.

Table 8 - Existing Parcel and ERU Statistics

Class	Parcels	Existing ERUs	Proposed ERUs
Single Family Residential (SFR)	25,107	25,647	25,647
Multi-Family Residential (MFR)	493	2,032	2,032
Commercial / Non-Residential	1,245	3,035 (2.44x)	6,790 (5.45x)
Total	26,845	30,714	34,469

4.4.4 - Operating Expenditure Funding Requirements

Operating expenses represents the principal funding requirements for the System. The operating expense forecast was based on: (i) a review of three (3) years of historical expenses; (ii) the adopted FY 2023 operating budget; (iii) estimated FY 2024 budget totals; and (iv) review of contract service agreements; and (v) various escalation assumed by category of expense based on discussions with County staff. Table 9 presents a summary of the forecasted operating expense relied upon in determination of the funding requirements of the system.

Table 9 - Operating Expense Forecast by Category

	2023	2024	2025	2026	2027	2028	2029
Contractual Services	\$2,718,300	\$2,838,648	\$2,919,562	\$3,018,924	\$3,121,687	\$3,227,965	\$3,337,879
Personnel	2,189,345	2,273,982	2,361,917	2,453,278	2,548,201	2,646,824	2,749,293
Maintenance	795,500	819,365	843,946	869,264	895,342	922,203	949,869
Contingency ¹	609,967	-	-	-	-	-	-
General Operating / Supplies	293,166	310,516	319,340	329,049	339,055	349,367	359,993
Professional Services	235,200	246,960	249,524	257,009	264,720	272,661	280,841
Gas, Oil, Utilities	226,500	240,090	247,293	254,711	262,353	270,223	278,330
Rentals/Leases	52,000	55,120	56,774	58,477	60,231	62,038	63,899
Subtotal	\$7,119,978	\$6,784,682	\$6,998,355	\$7,240,714	\$7,491,589	\$7,751,281	\$8,020,104
Indirect Services and A-87	630,583	668,238	688,195	708,751	729,924	751,731	774,193
Total	\$7,750,561	\$7,432,458	\$7,686,550	\$7,949,465	\$8,221,513	\$8,503,012	\$8,794,297

(1) Amounts shown reflect encumbrances of unspent prior period appropriations assumed to be spent in FY2023.

Contractual services represent the primary funding requirement of the system. The majority or approximately \$2 million of the contracted expenses are related to the operation of the County's six (6) convenience / transfer stations located throughout the County. The contracted service includes transport of waste to the County's Rock Creek Landfill. Table 6 presents a summary of the total tons processed and transferred by the contractor. The remainder of contracted services is primarily for landfill operations and monitoring and various other contract services such as recycling and household hazardous waste. Contracted services were escalated by approximately 4% a year based on the Bureau of Labor Statistics Garbage and Trash Index. The charges for service by the contractor principally represent fixed fees for service. The next single greatest expense is personnel expenses which were escalated at a rate of 4% per year. Together contract services and personnel expenses account for approximately \$5.1 million or 69% of total operating expenses. The balance of operating expenses is for maintenance, repayment of indirect services (i.e., Indirect / A-87 expenses), and other expenses. In aggregate the operating expenses of the System are estimated to increase by 3.5% annually.

4.4.5 - Deposits and Repayment Funding Requirements

Deposits and repayment funding requirements consists of five (5) main components as listed below:

- **Capital Fund Deposits:** Determined based on the average annual deposit required to fund the projected Capital Improvement Plan.
- **County Capital Repayment:** Assumes a 8 year pay-back of the \$4 million loan to help finance the landfill cell expansion.
- **Landfill Airspace Replacement Deposits:** Based on the estimated cost to construct a cubic yard of capacity times the projected amount of airspace consumed annually.
- **Landfill Closure Deposits:** Based on the estimated cost to close the landfill per cubic yard of remaining capacity times the projected amount of airspace consumed annually.
- **Working Capital & Capital Reserve Deposits:** Represents the required deposits to maintain a minimum amount of cash reserves equal to the sum of (a) the working capital reserves equal to the months of operating expenditures to be held at the outset of the fiscal year for the period of time the County does not generate revenue from Parcel Fees; and (b) the capital reserves based on the sum of the required buildup of reserves for airspace replacement plus one (1) year of budgeted capital fund transfers.

Capital Fund Deposits & County Capital Fund Repayment

The capital fund deposits were determined based on the nature of the capital expenditure and the assumed funding source. The capital expenditures of the System were identified by County and GBB staff. In total the forecast assumes \$17.8 million in capital expenditures through the Forecast Period. Table 10 provides a summary of the capital funding requirements for the Forecast Period.

Table 10 - Capital Expenditure Summary by Funding Source

	FY23-FY29	Required Annual Deposit	Funding
New Cell Expansion	\$10,778,668	N/A	Cash / County Capital Loan
Equipment	\$2,798,900	\$0.4 m	Revenue Deposits
Facility	\$4,223,957	\$0.7 m	Revenue Deposits
Subtotal	\$7,022,857	\$1.1 m	Revenue Deposits
Total	\$17,801,525	N/A	
County Capital Fund Repayment	\$4,000,000	\$500,000	8 yr payback at 0% interest

Table 11 presented on the ensuring page provides additional detail concerning the capital expenditures of the System. The majority or 61% of the capital expenditures assumed during the forecast period are related to the new landfill cell expansion. The new cell expansion is funded from existing cash of the System and a \$4 million loan from the County Capital Fund to be repaid over an eight (8) year period based on direction from the County Board of Supervisors. In order to fund the balance of capital expenditures the forecast assumes required annual deposits in excess of \$1.1 million per year. Table 17 and Table 18 provide a summary of the projected deposits assumed for the forecast period.

Table 11 - Detailed Capital Improvement Program (CIP)

Solid Waste System Projects	2023	2024	2025	2026	2027	2028	2029
Rock Creek Phase III	691,307	0	0	0	0	0	0
Rock Creek MRF Improvements	0	51,500	0	0	0	0	0
MRF Exterior Cladding Refurbishments	0	0	0	0	20,600	0	0
Repair Push Wall	0	0	0	0	0	25,750	0
New Signage - For Materials and Traffic Control	0	15,450	0	0	0	0	0
Asphalt & Concrete Refurbishment - Avery	0	0	0	0	0	0	103,000
New Signage - For Materials and Traffic Control - Avery	0	0	12,875	0	0	0	0
Asphalt & Concrete Refurbishment - Cooperopolis	0	0	103,000	0	0	0	0
E & S Controls/Improvements - Cooperopolis	0	0	15,450	0	0	0	0
New Signage - For Materials and Traffic Control - Cooperopolis	0	0	10,300	0	0	0	0
Asphalt & Concrete Refurbishment - Paloma	0	0	0	103,000	0	0	0
E & S Controls/Improvements - Paloma	0	0	0	15,450	0	0	0
New Signage - For Materials and Traffic Control - Paloma	0	0	10,300	0	0	0	0
Asphalt & Concrete Refurbishment - Red Hill	0	0	0	103,000	0	0	0
E & S Controls/Improvements - Red Hill	0	0	0	15,450	0	0	0
New Signage - For Materials and Traffic Control - Red Hill	0	0	10,300	0	0	0	0
E & S Controls/Improvements - Rock Creek	0	0	0	0	0	15,450	0
Asphalt & Concrete Refurbishment - San Andreas	0	0	0	0	103,000	0	0
New Signage - For Materials and Traffic Control - San Andreas	0	0	10,300	0	0	0	0
Transfer Station - Wileysville - Grant HHW Facility Upgrade	180,000	0	0	0	0	0	0
Asphalt & Concrete Refurbishment - Wileysville	0	0	0	0	0	103,000	0
E & S Controls/Improvements - Wileysville	0	0	0	0	0	15,450	0
New Signage - For Materials and Traffic Control - Wileysville	0	0	12,875	0	0	0	0
Landfill Improvements	0	51,500	51,500	51,500	0	0	0

Solid Waste System Projects	2023	2024	2025	2026	2027	2028	2029
Transfer Station / MRF							
Facility Upgrade	0	0	0	0	0	51,500	206,000
Equipment/Vehicles - Avery	0	0	51,500	0	0	0	0
Other - Avery	0	0	0	0		103,000	0
Other - Cooperopolis	0	0	0	0	515,000		0
Other - Paloma	0	0	0	515,000	0	0	0
Facility Upgrade - Red Hill	0	0	0	0	0	515,000	0
Equipment/Vehicles - Red Hill	0	0	51,500	0	0	0	0
Shelter over Special Waste Management Drop Offs - Red Hill	0	0	5,150	0	0	0	0
Other - Rock Creek	0	0	0	0	0		0
Other - San Andreas	0	0	0	0	0	0	515,000
Equipment/Vehicles - Wileysville	0	0	51,500	0	0	0	0
Shelter over Special Waste Management Drop Offs - Wileysville	90,000	0	0	0	0	0	0
Landfill							
Landfill Development Phase III	7,855,262	2,923,406	0	0	0	0	0
Polaris Commercial OHV	0	25,750	0	0	0	0	0
Compactor Certified Rebuild/Refurbishment	0	0	515,000	0	0	0	0
Compactor Wheels Resurfacing	0	51,500	0	0	0	0	0
Cat 826 Landfill Compactor New	0	0	0	0	978,500	0	0
Cat D-6 Bulldozer Replacement/Refurbishment	0	0	0	566,500	0	0	0
Other Heavy Equipment/Vehicles	0	0	0	0	0	154,500	103,000
Other Heavy Equipment / Vehicles / RO Containers	0	0	0	56,650	0	0	0
Total	8,816,569	3,119,106	911,550	1,426,550	1,617,100	983,650	927,000

Landfill Airspace Replacement

The cost to replace landfill airspace capacity is determined based on the quantity of landfill airspace utilized for a given year times the cost per cubic yard of capacity. Funding deposits to the IWS reserves in proportion to the cost of the use of airspace capacity ensures: (i) customers pay their proportionate share of the use of landfill capacity; and (ii) provides adequate reserves for future cell airspace replacement. Table 12 provides the basis for the determination of the cost of the use of airspace.

Table 12 - Landfill Airspace Replacement

Description	Cost per Cubic Yard
Current Construction Costs	\$10,778,668
Airspace Capacity in Cubic Yards	1,700,000
Cost per CY of Capacity	\$6.34

Table 13 presents the projected deposits for landfill airspace replacement. The deposits are calculated based on the unit cost of airspace per cubic yard as presented in Table 12 and applied to the forecast of airspace consumption. The unit costs were assumed to escalate at a rate of 3% annually. The projection of airspace consumption is determined based on the tonnage landfilled as initially presented in Table 6 and converted from tons to cubic yards based on an assumed in-place compaction of 1,100 pounds or 0.55 tons per cubic yard. This implies that for every ton of waste landfilled 1.82 cubic yards of airspace is consumed. The airspace consumption was determined based on an analysis of airspace consumption reports and BOE landfill tonnage reports. The projected deposits average approximately \$449,000 annually for the forecast period. It should be noted that should the County repatriate out-of-County waste the projected transfers assumed herein would increase above those forecasted herein.

Table 13 - Landfill Airspace Replacement Deposits

	2023	2024	2025	2026	2027	2028	2029
Landfilled Tons	35,584	35,584	35,584	35,584	35,584	35,584	35,584
Air Space Used (1,100lbs/CY)	64,698	64,698	64,698	64,698	64,698	64,698	64,698
Cost per Cubic Yard	\$6.34	\$6.53	\$6.73	\$6.93	\$7.14	\$7.35	\$7.57
Required Deposit	\$410,211	\$422,517	\$435,193	\$448,248	\$461,696	\$475,547	\$489,813

Landfill Closure Deposits

The state of California has established regulations and guidelines for landfill closure and post-closure maintenance, which include requirements for the amount of financial assurance that landfill owners and operators must provide to ensure that funds are available for closure and post-closure care. CalRecycle is responsible for enforcing these regulations and guidelines, and they oversee the process of assessing and approving the financial assurance plans submitted by landfill owners and operators. CalRecycle requires landfill owners and operators to provide financial assurance in the form of cash, bonds, letters of credit, or insurance policies to cover the estimated cost of landfill closure and post-closure care. Landfill permits are contingent upon the demonstration of the financial assurance requirement.

Similar to the determination of the landfill airspace replacement deposits, the landfill closure deposits are calculated based on an estimated cost per cubic yard times the projected airspace consumed. The cost per cubic yard is derived from the County's financial assurance compliance calculations. Table 14 presents the calculated cost per cubic yard based on the cost of closure divided by the remaining airspace outstanding as of the outset of the forecast period.

Table 14 - Landfill Closure Cost per Cubic Yard

Description	Cost per Cubic Yard
Current Construction Costs	\$9,207,689
Remaining Airspace (CY)	6,830,658
Cost per CY of Remaining Capacity	\$1.35

Table 15 presents the projected deposits for landfill closure. The deposits are calculated based on the unit cost of airspace per cubic yard as presented in Table 14 and applied to the forecast of airspace consumption. The unit costs were assumed to escalate at a rate of approximately 3.5% annually. The projection of airspace consumption is determined based on the tonnage landfilled as previously discussed. The projected deposits average approximately \$100,000 annually for the forecast period. It should be noted that should the County repatriate out-of-County waste the projected transfers assumed herein would increase above those forecasted herein.

Table 15 - Landfill Closure Deposits

	2023	2024	2025	2026	2027	2028	2029
Landfilled Tons	35,584	35,584	35,584	35,584	35,584	35,584	35,584
Air Space Used (1,100lbs/CY)	64,698	64,698	64,698	64,698	64,698	64,698	64,698
Cost per Cubic Yard	\$1.35	\$1.40	\$1.45	\$1.51	\$1.57	\$1.63	\$1.69
Required Deposit	\$87,213	\$90,537	\$93,994	\$97,590	\$101,330	\$105,220	\$109,268
Required Fund Balance	\$2,468,224	\$2,558,761	\$2,652,755	\$2,750,345	\$2,851,675	\$2,956,895	\$3,066,163
Projected Fund Balance	\$2,468,224	\$2,558,761	\$2,652,755	\$2,750,345	\$2,851,675	\$2,956,895	\$3,066,163

Working Capital Deposits and Targeted Reserve Balances

Represents the required deposits to maintain a minimum amount of cash reserves equal to the sum of:

- A - The working capital reserves equal to the months of operating expenditures to be held at the outset of the fiscal year for the period of time the County does not generate revenue from Parcel Fees. An increasing percentage of revenues are derived from parcel fees ranging from 80-90% during the Forecast Period. Parcel fee revenues are primarily collected between December – February and therefore no parcel fee revenues are generated from the outset of the Fiscal Year commencing July 1st. IWS must maintain a minimum working capital reserve at the end of each fiscal year to cover the portion of operating expenditures incurred during the initial several months of the Fiscal Year;

and

- B - The capital reserves based on the sum of the required buildup of reserves for airspace replacement plus one (1) year of budgeted capital fund transfers. The minimum reserves for airspace replacement is based on the cumulative amount of required deposits for airspace replacement as presented in Table 13. The requirement of reserving one (1) year of capital fund deposits as presented in Table 10 is necessary to ensure the ability of the County to fund capital and provides a minimum prudent reserve in the event that either revenues fall below or expenses are greater than budget. The reserve allowances provide the County with at least one year of capital reserves to adjust parcel fees should the County underperform financially relative to the adopted budget.

Table 16 presents the required deposits to build adequate reserves to address minimum working capital and cash reserve targets. As can be seen from the exhibit the County is below target until the Fiscal Year 2027. The County should review the need for required deposits annually.

Table 16 - Working Capital and Capital Reserve Targets

	2023	2024	2025	2026	2027	2028	2029
Annual Operating Expenses	\$6,510,011	\$6,764,220	\$6,998,355	\$7,240,714	\$7,491,589	\$7,751,281	\$8,020,104
Target 180 days / 6 Months	~50%	~50%	~50%	~50%	~50%	~50%	~50%
Working Capital Target	\$3,210,417	\$3,335,780	\$3,451,243	\$3,570,763	\$3,694,482	\$3,822,549	\$3,955,120
Capital Reserve Target ¹	\$90,000	\$1,155,476	\$1,590,669	\$2,043,881	\$2,514,002	\$3,001,566	\$3,094,013
Combined Target	\$3,300,417	\$4,491,256	\$5,041,912	\$5,614,644	\$6,208,484	\$6,824,115	\$7,049,133
Required Deposit	N/A	\$740,554	\$521,809	\$838,299	\$579,901	\$310,283	\$907,323
Ending Cash Balances	\$2,174,435	\$732,222	\$1,507,741	\$1,785,264	\$1,798,776	\$2,462,127	\$3,201,656
Over / Under Target	\$2,084,435	(\$423,254)	(\$82,928)	(\$258,617)	(\$715,226)	(\$539,439)	\$107,642

(1) Capital reserve target is determined based upon the sum of (a) the projected capital reserves for airspace replacement pursuant to required deposits as presented in Table 13 plus one (1) year of capital expenditure transfers at \$1.1 million as presented in Table 10.

4.4.6 - Revenue Sufficiency and Rate Revenue Adjustments

The revenue sufficiency for the IWM fund is determined based on a comparison of the revenues relative to the funding requirements of the System as previously discussed in Section 4.4.1 and presented in Figure 1. Table 17 presents a summary of the cashflow requirements based on the assumptions and forecasts of revenues and expenditures discussed in prior sections of this report. The forecast recommends a 120% rate increase, however, due to the bill impacts to commercial parcels as discussed in Section 4.4.7 and based on Board Direction an adjustment to the commercial parcel increases was recognized resulting in a reduction to the rate revenues. It is assumed that the commercial parcel fees will be adjusted to full cost recovery by the Fiscal Year 2025.

Table 17 - Operating Fund 1170 Cashflows and Revenue Sufficiency

Description	2023	2024	2025	2026	2027	2028	2029
Beginning Balance	\$2,656,984	\$222,006	\$155,004	\$1,047,146	\$2,258,565	\$3,214,395	\$3,903,437
Operating Expenses							
Personnel	\$2,189,345	\$2,273,982	\$2,361,917	\$2,453,278	\$2,548,201	\$2,646,824	\$2,749,293
Professional Services	\$235,200	\$242,256	\$249,524	\$257,009	\$264,720	\$272,661	\$280,841
Contractual Services	\$2,718,300	\$2,823,488	\$2,919,562	\$3,018,924	\$3,121,687	\$3,227,965	\$3,337,879
General Operating / Supplies	\$293,166	\$309,918	\$319,340	\$329,049	\$339,055	\$349,367	\$359,993
Gas, Oil, Utilities	\$226,500	\$240,090	\$247,293	\$254,711	\$262,353	\$270,223	\$278,330
Rentals / Leases	\$52,000	\$55,120	\$56,774	\$58,477	\$60,231	\$62,038	\$63,899
Maintenance	\$795,500	\$819,365	\$843,946	\$869,264	\$895,342	\$922,203	\$949,869
Subtotal Operating Expenses	\$6,510,011	\$6,764,220	\$6,998,355	\$7,240,714	\$7,491,589	\$7,751,281	\$8,020,104
Indirect Services, A-87, Refunds	630,583	668,238	688,195	708,751	729,924	751,731	774,193
Contingency/Budget Carryforward	609,967	0	0	0	0	0	0
Total	\$7,750,561	\$7,432,458	\$7,686,550	\$7,949,465	\$8,221,513	\$8,503,012	\$8,794,297
County Capital Payback	0	500,000	500,000	500,000	500,000	500,000	500,000
Other Revenue Requirements							
Capital Improvement Fund Deposits	90,000	1,577,993	1,590,669	1,603,725	1,617,172	1,631,023	1,645,289
Closure Fund Deposits	87,213	90,537	93,994	97,590	101,330	105,220	109,268
Working Capital Deposits	0	740,554	521,809	838,299	579,901	310,283	907,323
Gross Revenue Requirements	\$7,927,774	\$10,341,542	\$10,393,022	\$10,989,079	\$11,019,916	\$11,049,538	\$11,956,177
Less Income and Funds from Other Sources							
Calculated Interest Income	\$10,796	\$1,414	\$4,508	\$12,396	\$20,524	\$26,692	\$30,816
Rents & Leases	35,000	37,100	39,326	40,506	41,721	42,973	44,262
State Grants	232,000	0	0	0	0	0	0
Other Sales (Recycling Revenue)	220,000	233,200	247,192	254,608	262,246	270,113	278,217
Solid Waste Fees (Tip Fees)	480,000	508,800	539,328	555,508	572,173	589,338	607,018
Total	\$977,796	\$780,514	\$830,354	\$863,018	\$896,664	\$929,116	\$960,313
Net Revenue Requirements	\$6,949,978	\$9,561,028	\$9,562,668	\$10,126,061	\$10,123,252	\$10,120,422	\$10,995,864
Identified Rate Revenue Adjustment ¹	0.00%	120.00%	0.00%	5.70%	0.00%	0.00%	0.00%
Recognized Rate Revenue Adjustment ¹	0.00%	105.00%	0.00%	5.70%	0.00%	0.00%	0.00%
Parcel Fee Revenues	\$4,515,000	\$9,933,000	\$9,933,000	\$10,499,181	\$10,499,181	\$10,499,181	\$10,499,181
Reduction from Adj. Commercial Fee Implementation	\$0	(\$1,179,528)	\$0	\$0	\$0	\$0	\$0
Adjusted Parcel Fee Revenues	\$4,515,000	\$8,753,472	\$9,933,000	\$10,499,181	\$10,499,181	\$10,499,181	\$10,499,181
Net Deposit to / (Use) of Reserves	(\$2,434,978)	(\$807,556)	\$370,332	\$373,120	\$375,929	\$378,759	(\$496,683)
Ending Balance ²	\$222,006	\$155,004	\$1,047,146	\$2,258,565	\$3,214,395	\$3,903,437	\$4,314,077
Target	\$3,210,417	\$3,335,780	\$3,451,243	\$3,570,763	\$3,694,482	\$3,822,549	\$3,955,120
Above/Below Target	(\$2,988,410)	(\$3,180,775)	(\$2,404,098)	(\$1,312,199)	(\$480,087)	\$80,888	\$358,957
(1) Based on direction of the Board of Supervisors at the April 25, 2023 public meeting, IWM staff and the GBB and Raftelis project team were advised to assume the recommended fees based on the 120% rate revenue increase, however commercial fees were to be limited to the lesser of 120% or the calculated parcel fee per ERU as presented in Table 19 and Table 20.							
(2) Amounts shown exclude closure fund reserves. Reference Table 15 for a projection of closure fund reserves							

Table 18 presents a summary of the capital improvement fund related cashflows. Based on projected capital improvement fund deposits as presented in Table 17 the County is expected to meet the minimum targeted reserve balance by the end of the forecast period.

Table 18 - Capital Improvement Fund 5465 Cashflows

Description	2023	2024	2025	2026	2027	2028	2029
Beginning Balance	\$6,779,427	\$2,174,435	\$732,222	\$1,507,741	\$1,785,264	\$1,798,776	\$2,462,127
Transfers In							
Transfers in from Operating Fund	\$90,000	\$1,577,993	\$1,590,669	\$1,603,725	\$1,617,172	\$1,631,023	\$1,645,289
Transfer from County Capital Fund	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Transfer from SRF	\$88,000	\$88,000	\$88,000	\$88,000	\$0	\$0	\$0
Total	\$4,178,000	\$1,665,993	\$1,678,669	\$1,691,725	\$1,617,172	\$1,631,023	\$1,645,289
Transfers Out							
Capital Funded by Cash	\$8,816,569	\$3,119,106	\$911,550	\$1,426,550	\$1,617,100	\$983,650	\$927,000
Net Deposit To / (Use) of Reserves	(\$4,638,569)	(\$1,453,113)	\$767,119	\$265,175	\$72	\$647,373	\$718,289
Calculated Interest Income	\$33,577	\$10,900	\$8,400	\$12,349	\$13,440	\$15,978	\$21,239
Ending Balance	\$2,174,435	\$732,222	\$1,507,741	\$1,785,264	\$1,798,776	\$2,462,127	\$3,201,656
Targeted Balance	\$90,000	\$1,155,476	\$1,590,669	\$2,043,881	\$2,514,002	\$3,001,566	\$3,094,013
Above/Below Target	\$2,084,435	(\$423,254)	(\$82,928)	(\$258,617)	(\$715,226)	(\$539,439)	\$107,642
<i>(1) Capital reserve target is determined based upon the sum of (a) the projected capital reserves for airspace replacement pursuant to required deposits as presented in Table 13 plus one (1) year of capital expenditure transfers at \$1.1 million as presented in Table 10.</i>							

4.4.7 - Cost of Service and Fee Design

Cost of service and parcel fee design is based on the summary of funding requirements net of other System revenues resulting in the net revenue requirements to be funded from parcel fees. The net revenue requirements are then divided by the ERUs to calculate the recommended parcel fee per ERU (Table 19).

Table 19 - Cost of Service

Fiscal Year 2024 Cost of Service	Exhibit Reference / Source	Total Costs
Operating Expenses	Table 9	\$7,432,458
County Capital Repayment	Table 10	\$500,000
Deposits to Capital Fund	Table 10	\$1,155,476
Airspace Capacity Replacement	Table 13	\$422,517
Landfill Closure	Table 15	\$90,537
Working Capital Deposits	Table 16	\$740,554
Gross Cost of Service		\$10,341,542
Less Other Revenues:		
Investments/Recycling/Rents	Table 17	(\$276,154)
Tip Fees	Table 17	(\$508,800)
Net Cost of Service		\$9,556,588
Total ERUs	Table 8	34,469
Unit Cost per ERU		\$277.30

Based on the cost of service as presented in Table 19 and based on direction from the Board of Supervisors at the April 25, 2023 board of supervisors meeting we have identified the following recommended parcel fees. It is recommended that the commercial fees be reviewed next year and new ERU factors are established by property assessor land use code.

Table 20 - Existing and Proposed Parcel Fee

Customer Class	Existing Parcel Fee	Proposed Parcel Fee
Single Family Residential (SFR) Parcel	\$150 per residential unit	\$277.30 per residential unit
Multi-Family Residential (MFR) Parcels	\$150 per residential unit	\$277.30 per residential unit
Non-residential / Commercial Parcels	Varies by ERU by Land Use Code	Lesser of (a) \$1,512.29 ² OR (b) 2.2x the current fee

(1) Fees vary based on the equivalency factor identified by land use classifications as described in Resolution No. 202110608r061.
(2) Commercial parcels are calculated assuming a ~5.45 ERU factor based on reported waste generation statistics as presented in Exhibit 3-4.

Please note that the County provides fee exemptions by application for (a) all unimproved properties; and (b) any additional properties owned by Calaveras County residents (other than the one containing their primary residence) that are used solely for personal use (e.g. not commercial or income-generating). Table 21 presents the residential customer bill impacts from the proposed parcel fees.

Table 21 - Residential Property Assessor Data and Bill Impact Calculation

Class	Land Use Code	Land Use Description	Parcels with Disposal Fees	Equivalent Residential units (ERUs)	Current Avg. Rate per ERU	Proposed ERU Rate	Current Revenues	Proposed Revenues	\$ Increase / Decrease	% diff.
SFR	1100	SFR ON SFR SITE	18,710	18,795	\$151	\$277	\$2,819,232	\$5,210,986	\$2,391,754	85%
SFR	7100	RANCHETTE 5-20 ACRES	2,843	2,906	\$153	\$277	\$435,863	\$805,636	\$369,773	85%
SFR	1500	MANUFACTURED HOME	845	852	\$151	\$277	\$127,725	\$236,083	\$108,358	85%
SFR	7300	RANCH - > ACRES WITH IMPROVEMENTS	712	756	\$159	\$277	\$113,438	\$209,675	\$96,237	85%
SFR	7101	RANCHETTE 5-20 AC W/MANUFACTURED HOME	577	597	\$155	\$277	\$89,550	\$165,522	\$75,972	85%
SFR	1200	2 + SFR's ON SFR SITE	266	529	\$298	\$555	\$79,350	\$146,668	\$67,318	85%
SFR	7102	RANCHETTE 5-20 ACRES WITH 2+SFRS	238	330	\$208	\$555	\$49,425	\$91,356	\$41,931	85%
SFR	1900	MISCELLANEOUS IMPROVEMENTS ON SFR SITE	150	152	\$152	\$277	\$22,800	\$42,143	\$19,343	85%

Class	Land Use Code	Land Use Description	Parcels with Disposal Fees	Equivalent Residential units (ERUs)	Current Avg. Rate per ERU	Proposed ERU Rate	Current Revenues	Proposed Revenues	\$ Increase / Decrease	% diff.
SFR	7302	RANCH >20 ACRES WITH 2+ SFRS	102	133	\$196	\$277	\$19,950	\$36,875	\$16,925	85%
SFR	7301	RANCH >20 ACRES WITH MANUFACTURED HOME	102	106	\$156	\$277	\$15,900	\$29,389	\$13,489	85%
MFR	1400	CONDOMINIUM	268	270	\$151	\$277	\$40,463	\$74,790	\$34,327	85%
SFR / MFR	Varies	ALL OTHERS	787	2,254			351,233	624,948	\$273,716	78%
TOTAL			25,600	27,679			\$4,164,927	\$7,674,070		

Based on direction provided by the Board of Supervisors at the April 25, 2023 public meeting commercial fee increases will be limited to no more than 120% or the calculated commercial parcel fee as presented in Table 20. Table 22 presents the commercial parcel fee increases assuming implementation of the recommended fees.

Table 22 - Non-Residential Property Assessor Data and Bill Impact Calculation

Land Use Code	Land Use Description	Parcels w/ Disposal Fees	Current Revenues	Proposed Revenues	Current Avg. Fee / Parcel	Proposed Avg. Fee per Parcel	% Dif.
3100	RETAIL BUILDINGS	194	\$73,875	\$118,679	\$381	\$612	63%
9801	NON TAXABLE GOVERNMENT OWNED	42	\$50,728	\$23,825	\$1,208	\$567	(52%)
3900	MIXED USE	99	\$46,563	\$72,641	\$470	\$734	58%
3300	OFFICE BUILDING	106	\$25,575	\$54,255	\$241	\$512	113%
7900	AG PRESERVE	138	\$23,400	\$51,480	\$170	\$373	120%
4000	LOCAL SHOPPING CENTER	22	\$22,200	\$25,735	\$1,009	\$1,170	19%
4900	SPECIAL PURPOSE COMMERCIAL	31	\$17,850	\$18,780	\$576	\$606	7%
4500	RESTAURANT	34	\$16,875	\$32,226	\$496	\$948	94%
4300	MOTEL/HOTEL/B&B	33	\$16,670	\$26,550	\$505	\$805	62%
6200	SCHOOLS	9	\$10,568	\$10,498	\$1,174	\$1,166	3%
3400	MEDICAL/DENTAL OFFICE	17	\$9,525	\$11,631	\$560	\$684	24%
5200	LIGHT INDUSTRIAL	38	\$9,000	\$19,194	\$237	\$505	115%
7960	GRAZING	44	\$8,160	\$17,952	\$185	\$408	120%
6400	CHURCH	62	\$7,988	\$16,829	\$129	\$271	113%
5600	MINI STORAGE	28	\$7,800	\$15,426	\$279	\$551	100%
4100	NEIGHBORHOOD SHOPPING CTR	6	\$7,650	\$7,698	\$1,275	\$1,283	4%
9000	COMMON AREA/RESIDENTIAL	13	\$6,600	\$5,802	\$508	\$446	(11%)
3700	AUTO SERVICE	24	\$6,000	\$13,062	\$250	\$544	119%
6800	GOLF COURSE	14	\$5,610	\$8,166	\$401	\$583	49%

Land Use Code	Land Use Description	Parcels w/ Disposal Fees	Current Revenues	Proposed Revenues	Current Avg. Fee / Parcel	Proposed Avg. Fee per Parcel	% Dif.
3000	COMMERCIAL – VACANT	21	\$4,950	\$10,752	\$236	\$512	118%
6600	RECREATIONAL/HEALTH CLUB	10	\$4,650	\$6,132	\$465	\$613	33%
3610	GAS STATION WITH MINI-MART	14	\$4,350	\$9,570	\$311	\$684	120%
4600	CONVALESCENT HOSPITAL	5	\$3,810	\$5,004	\$762	\$1,001	34%
Varies	ALL OTHERS	241	\$67,302	\$121,099	\$606	\$242	(60%)
TOTAL		1,245	\$457,700	\$702,987	\$518		

4.4.8 - Landfill Cost Allocation and Cost per Ton

Raftelis allocated system costs for the Fiscal Year 2024 based on the funding requirements as presented in Table 17 and based on allocation data (i.e., personnel salaries, statistical data, etc.) supplied by and discussions with IWM staff. Table 23 presents the determination of the tip fee cost of service. It should be noted that the fee calculation excludes the County Capital Fund loan repayment since deposits to airspace replacement are identified. Including such repayments in the fee calculation would result in an increase from the calculated fee of \$75.27 to \$89.32 per ton.

Table 23 - Landfill Cost per Ton

Description	2024	Landfill Allocation	% of Total	Basis / Notes
Operating Costs:				
Personnel	\$2,273,982	\$595,864	26%	Allocated based on FTE costs
Professional Services	\$242,256	\$8,899	4%	Composite allocation for some general PS only.
Contractual Services	\$2,823,488	\$400,076	14%	Landfill Engineering Svc / Monitoring, etc.
General Operating / Supplies	\$309,918	\$161,049	52%	Stormwater Permit / other landfill costs.
Gas, Oil, Utilities	\$240,090	\$70,996	30%	Based on landfill vehicles fuel consumption
Rentals / Leases	\$55,120	\$12,278	22%	Composite allocation
Maintenance	\$819,365	\$344,467	42%	Estimated based on 15% of landfill vehicle costs (conservative estimate)
Subtotal Operating Expenses	\$6,764,220	\$1,593,629	24%	Calculated composite allocation factor
Other Revenue Requirements				
Indirect Cost Allocations (Other- A-87)	\$668,238	\$157,435	24%	Composite allocation
Deposits to Capital Improvement Fund	\$1,155,476	\$239,750	21%	Est. based on amortization of landfill equipment.
Deposits for Airspace Replacement	\$422,517	\$422,517	100%	Direct cost
Deposits for Closure	\$90,537	\$90,537	100%	Direct cost
Deposits for Working Capital	\$740,554	\$174,472	24%	Composite allocation
Total Allocated Costs	\$9,841,542	\$2,678,340	27%	Landfill Cost Allocation
Annual Tons Disposed	n/a	35,584		
Calculated Cost per Ton	n/a	\$75.27		

4.4.9 - Key Findings and Summary

The following provides a summary of the key findings and recommendations of the Cost-of-Service evaluation:

1. Existing Fees Not Adjusted Since 1991
2. Existing Revenues Insufficient to Fund Operations
3. Recommend Front Loaded 120% Revenue Increase Option
 - Would require further general fund subsidies to continue operations with no fee action
4. Change in Rate Structure Results in Significant Increase to Commercial Parcels
 - Rec'd Only Increasing the Lesser of 120% or the Parcel's Existing fee
 - Reduces increase in revenues from 120% to ~90% for FY24
5. Perform More Detailed Analysis of Commercial Waste Generation and Return Recommendations for FY24-25
6. Recommend charging no less than \$75.27/ton Cost of Service Charge to Alpine pursuant to the JPA.
7. Consider Bringing Back Curbside Waste to County Landfill After Cell Construction to Lower Costs to Residents / Businesses and Review Parcel Fees. This pertains to the commercial waste collected by the Franchise Hauler which is currently disposed of at an out of county facility.

5 - Recommendations and Case Studies

5.1 - Benefits of Parcel Fee Increase

- The Enterprise fund will have the capability to pay off outstanding loaned funds from the County Capital fund and the General Fund will realize fewer unknown, potential negative impacts. The absence of variability associated with having to support the County's solid waste system will be significantly reduced and subsequently free up of funds for schools, public safety and other community needs.
- Sustainment of the investment previously made in the IWM system infrastructure will ensure that the system continues to function properly and serve the needs of the County's residents.
- Assures that the CalRecycle Financial Assurance Requirements can be met by the Enterprise Fund
- Continue to ensure the very popular Transfer Stations are maintained and improved as necessary (Improved safety for Users with improved signage that can also reduce contamination in recyclable commodities generating higher value)
- Provide the needed capital to purchase much-needed heavy equipment which is necessary to ensure the proper operation of the Rock Creek Landfill and improved compaction of the received solid waste as well as extending the capacity and life of the landfill. The purchase of the needed new heavy equipment and the associated reduction of outdated inventory will also reduce equipment operations and maintenance costs for IWM.
- Provides staff hires needed to allow for flexibility in working hours to prevent fatigue and loss of trained and experienced personnel.

5.2 - Case Studies

The following is a brief description of solid waste management fees in comparable counties.

- In Madera County, CA the public tipping fees at the Fairmead Landfill are \$62.85/ton for MSW, \$32.59 per ton for Wood Waste, and \$21.73 per ton for Green/Yard Waste. These rates became effective July 1, 2021.
- The Public tipping fees at the North Fork Transfer Station are as follows: \$113.47 per ton for MSW, \$32.59 per ton for Wood Waste, and \$21.73 per ton for Green/Yard Waste. Tipping fees for franchise haulers are \$55.00 per ton.
- The Trinity County, CA solid waste parcel fee for the fiscal year 2019/2020 is \$100.00 per unit. In addition to a solid waste parcel fee, tipping fees are required for all permitted waste at the transfer site at the time of disposal.
- The El Dorado County, CA annual solid waste parcel fee system has been in place since 1989. The current fee is \$17.00 per EDU (Equivalent Dwelling Unit) which has been stable since 1992, larger waste generators such as supermarkets, shopping centers, restaurants, etc. are assessed a higher

parcel fee via an EDU multiplier. There is also an annual household hazardous waste parcel fee of \$3.00 per EDU which is assessed Countywide. The solid waste parcel fee generates approximately \$1.0 million dollars per year.

- Sierra County, CA charges a loose cubic yard rate (LCY) of \$18.38 per LCY. Residential parcels are then charged a fee based on 18 LCY per residential unit, equaling to a fee of \$330.84 per year per residential unit. Non-residential solid waste parcel fees, businesses, or parcels improved with more than four residential units, are calculated utilizing the hauler route slips for actual pickup between April 1 and March 31 of each year and based on rate of \$ 18.38 per LCY.

The above examples of solid waste management fees indicate that a variety of revenue-generating systems are in place for the identified comparable counties consisting of both tipping fee and parcel fee structures. It is assumed that the fee structures were developed based on the individual circumstances and available solid waste system infrastructure of the different counties. The consistent characteristic of the different solid waste management fees systems is that they consist of tipping fees and/or parcel fees systems based most likely on the previous history and available infrastructure of each county.

Appendix A – Responses to RFP Questions

Operational Structure

- a) **How does Calaveras County Integrated Waste Management solid waste system compare to other similar inter-government solid waste management systems?**

Response – There is a broad range of county-run solid waste systems in California and across the U.S. For its population size, land area, and generally rural character, Calaveras County Integrated Waste Management solid waste system has a well-established footprint across the county that was, for all apparent characteristics, well-conceived upon its initial development. It was designed, at the time, to provide relatively easy-to-access locations evenly distributed across the county to serve as transfer stations where residents without curbside subscription collection services could drop off municipal solid waste and recyclables. In addition, residential and commercial services for curbside collection are managed currently through a county franchise agreement.

The County, like many other counties, believed that the solid waste system should ‘pay for itself’ and so established Integrated Waste Management (IWM), as an enterprise fund. The framework of the system is comprehensive and ‘full service’ compared to similar inter-governmental solid waste management systems. The County has also retained the majority of the operational control of the system which in most cases is a valuable county asset that helps to control costs to the residents and commercial entities for a service that is viewed as a public health imperative – an essential service to be provided by government.

- b) **Can transfer stations contracts be modified to increase the value of operations?**

Response - We generally viewed the existing contract with Gambi as a reasonable, well-constructed agreement for the management of the operation of the transfer stations. We would need to confirm the term ‘value’ in this context before making suggestions. However, generally, if value is taken to mean ‘worth’, then generally yes contracts can be modified to increase their value to the County operational goals. The agreement with Gambi Disposal, Inc. allows for the County to modify the Scope of Work specified by the agreement to require additional services to be performed by the contractor following receipt of written notice from the County. The County will adjust Gambi Disposal, Inc.’s compensation accordingly following receipt of a proposal from the contractor to perform the additional services.

- c) **Can solid waste collection services be expanded or reduced to increase the value to the public?**

Response - Solid waste collection services can be increased to increase value to the public. Ways to do so may be increased collection areas for curbside collection or increased material types taken both at curbside and at all Transfer Stations. Increase value again needs to be defined here and should be from the perspective of the public? An appropriate way to establish value is to conduct public surveys to gauge what ‘value’ means in the county relative to collection services.

- d) **Is the current methodology used for calculating waste comply with industry standards and is it sufficient for IWM to continue to utilize?**

Response – Predominantly, measurement by weight, tons and pounds, is used, however, there is a broad range of options. The current methodology is acceptable, however, it could be improved upon.

- e) **After analyzing the proposed plans for the new cell at Rock Creek Landfill, would there be an alternative approach that would be more advantageous to explore?**

Response - Based on our review of the plans for Rock Creek new cell Phase IIIA, not at this time.

Organizational Structure

a) Is the current staffing appropriate for the demands of the department?

Response – There are some suggested changes that can help with greater accountability, flexibility, redundancy and improved focus on core responsibilities. Below we have listed several potential changes as recommendations:

- Establish a mechanics position to be located at the Rock Creek maintenance facility to serve both the landfill and transfer station/MRF. The basis of this position - being located at the site may provide more consistent coverage and attention to the ancillary systems for the landfill as well as to the mobile equipment and building management systems.
- Hire additional personnel for Rock Creek to lessen the dependence on existing staff to be available at all times – currently, it is reported that there is not enough redundancy – additional personnel to fill in when staff are sick, or on leave or turnover occurs. With increased staffing hires, such as part-time staff, greater retention of existing experienced staff can be realized.
- There is a need for an Operations Manager to serve the Rock Creek facility alone, by separating the supervisory role of transfer stations and annexes to a separate Manager. This change in organizational structure may be accomplished without adding an additional staffing position dependent on the skill sets of the current personnel.
- The Department may wish to add a Project Manager position to the organization to ensure the proper management of capital projects and the implementation of revised or new operations-related programs. This would allow Managers of the systems to focus the management of the overall operations and related services.

b) Can we modify current positions to better meet the demands?

Response – Yes, as addressed in the report, while the organizational structure is meeting current demands it could be enhanced to provide greater flexibility for operations and improved focus on core responsibilities. As an example, the Department may wish to add a Project Manager position to the organization to ensure the proper management of capital projects and the implementation of revised or new operations-related programs. This would allow Managers of the systems to focus the management of the overall operations and related services.

c) Would it be beneficial to modify where staff positions are located?

Response - The only opportunity where it is more advantageous to modify where staff is located is for a mechanic to be located at the landfill to support landfill and MRF/Transfer Ops. Otherwise, no obvious material changes.

Capital Structure Request for Proposal

a) After analysis of operating costs, and if it is determined the County needs to restructure fees, what would be the best strategy to modify and implement a new fee structure to properly fund IWM?

Response - After analysis of the operating costs - we should be able to say that the County costs are above or below what other similar systems are incurring, and secondly finalize the strategy to update and implement a new fee structure to properly fund IWM.

b) What would be the most preferable approach to fund current necessary capital improvement projects?

Response – Funding with available cash is preferable to all other approaches, however, rate increases could be lowered if capital improvement projects are financed versus cash if large amounts are needed over a short time period.

c) After analyzing costs, would it be more advantageous for the County to contract out solid waste and recycling?

It should be noted that currently a significant component of the solid waste management system services are already contracted out to Gambi Disposal & CalWaste.

Response - Analyzing the costs would not determine whether it would be more advantageous for the County to contract out services or to bring more services in-house. It would only provide information to compare with other jurisdictions whether they were paying more or less for a service than other similar Systems. Based on our evaluation of IWM, the County is paying reasonable and comparable costs for services found elsewhere. In general, we believe it is more advantageous for the County to operate the essential services of its system to provide the control on costs of the essential services they now provide and to periodically evaluate whether or not to bring in-house services that are now contracted out. However, it is not currently advantageous, for example, for the County to operate its own Material Processing Facility given current tonnages generated – much higher tonnages are required to consider this system attribute. The County would have to pull together several counties' material tonnage to make a MPF feasible.

It would seem at this time that the County has developed an acceptable blend of in-house and contracted services for managing the system's present responsibilities. Private sector forces are forever working to gain a monopoly on services within communities to cut out competition eventually at the expense of the municipality or government entities' ability to control the cost of service that it is mandated to provide all community members, and not those only who are able to pay.

d) What is the best approach to funding and implementing a capital equipment replacement schedule?

Response - The best approach to funding and implementing a capital equipment replacement would be to generate cash reserves from an improved revenue structure such as increased parcel fees & tipping fees. Funding with available cash is preferable to all other approaches, however, rate increases could be lowered if capital improvement projects are financed versus cash if large amounts are needed over a short time period. The County may also want to explore capital lease arrangements for heavy equipment & vehicles to better manage significant capital outlays.

e) Can IWM continue with the current fee structure and maintain the current services provided?

Response - It would seem doubtful that the current funding structure is able to support the system's future operations, unless the County is willing to continue to provide supplemental funding from the General Fund. Allocating funding generated by the IWM system would provide for improved accountability & management of expenses associated with the system's operations.

f) Can IWM improve the status or adjust the structure of the Financial Assurance requirements of CalRecycle?

Response – IWM is now ideally structured and appropriately funded.

Appendix B – Tonnage Statistics at Transfer Stations and Landfill

Description	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Population Factor	n/a	n/a	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
County Population	44,153	44,150	44,222	44,325	44,443	44,551	44,677	44,824	44,877	44,919	45,031	45,085
Tonnage Statistics - Gambi Transfer Station Tonnages												
San Andreas	1,697	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452	1,452
Copper	2,070	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943	1,943
Red Hill	2,056	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
Avery	3,262	2,758	2,758	2,758	2,758	2,758	2,758	2,758	2,758	2,758	2,758	2,758
Paloma	572	564	564	564	564	564	564	564	564	564	564	564
Wilseyville	1,888	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812	1,812
Subtotal Transfer Station	11,544	10,448	10,448	10,448	10,448	10,448	10,448	10,448	10,448	10,448	10,448	10,448
Board of Equalization Tonnages												
Landfill ⁽¹⁾	28,118	26,415	26,415	26,415	26,415	26,415	26,415	26,415	26,415	26,415	26,415	26,415
Green Waste ⁽²⁾	6,192	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300	4,300
Tires	34	3	3	3	3	3	3	3	3	3	3	3
Appliances	2	1	1	1	1	1	1	1	1	1	1	1
Concrete & Rubble	3,347	2,272	2,272	2,272	2,272	2,272	2,272	2,272	2,272	2,272	2,272	2,272
Household Hazardous Waste	0	0	0	0	0	0	0	0	0	0	0	0
Floor Sorts	114	407	407	407	407	407	407	407	407	407	407	407
Clean Soil	86	76	76	76	76	76	76	76	76	76	76	76
Subtotal BOE Tonnages	37,893	33,474	33,474	33,474	33,474	33,474	33,474	33,474	33,474	33,474	33,474	33,474
Outbound Tonnages ⁽³⁾	2,067	2,110	2,110	2,110	2,110	2,110	2,110	2,110	2,110	2,110	2,110	2,110
Tonnage Totals	39,960	35,584	35,584	35,584	35,584	35,584	35,584	35,584	35,584	35,584	35,584	35,584
⁽¹⁾ Landfill Tonnages include compacted and uncompacted waste, residuals for MRF, and Mixed Demolition / Clean Fill Debris and minor amounts of other waste. ⁽²⁾ Green Waste is predominately used for Alternative Daily Coverage ⁽³⁾ Outbound Material primarily includes recovered metals												

Appendix C – Gambi Operations Agreement Details

Calaveras County contracts with Gambi of San Andreas CA to operate the County's six transfer stations under a 10-year professional services agreement, which commenced on January 1, 2021 and will expire on December 31, 2031 unless extended by the Director of IWM for an additional 5 year period. The agreement requires Gambi to provide all necessary vehicles, equipment, containers compactor units, onsite office space and personnel to operate the County's six transfer stations safely and properly in accordance with all IWM requirements. Gambi is also responsible for the transportation of the collected solid waste from the transfer stations to the Rock Creek Solid Waste Facility, and the recyclables received, which go to a nearby MRF.

The County pays Gambi a monthly Basic Facility Fee of \$133,035.94 for the operation of the six transfer stations and the monthly fee is subject to an annual Consumer Price Adjustment on July 1st of each contract year effective July 1, 2023.

In accordance with the agreement's requirements, Gambi must maintain insurance coverage as indicated below and provide proof of the insurance coverage to the County.

- Comprehensive General Liability Insurance: Includes broad form property damage insurance. No less than \$1,000,000 per occurrence & \$2,000,000 in the aggregate.
- Workers' Compensation insurance as required by the State of California.

Performance Bond Requirements: Gambi must provide the County with a Performance Bond or Letter of Credit on an annual basis which is equal to 50% of the annual Basic Facility Fee.

The professional services agreement requires Gambi to participate in a biennial Performance Review which addresses the following areas of contractual obligations:

- Compliance with terms of the agreement & applicable laws.
- Overall organizational structure and management systems/procedures.
- Transfer stations efficiency of operations.
- Employee job and safety training.
- Management of received loads.
- Procedures for receiving and resolving nuisance complaints.
- Procedures for maintaining and replacement of equipment.
- Utilization and management of facilities, equipment, and personnel.
- Compliance with monthly record-keeping and reporting requirements.
- Submittal of an audit by Certified Public Accountant which documents that the company's financial statements are accurate and free of material misstatement.

Based on discussions with IWMM personnel, Gambi is performing its contractual responsibilities well and is responsive to the needs of the County.

Appendix D – Transfer Stations Operational Details

Avery Recycling & Disposal Transfer Station

- 4541 Segale Road, Avery, CA
- **Days of Operation:** Friday through Tuesday
- **Operating Hours:** 8:00 AM to 4:30 PM
- **General Requirements:** Must provide proof of county residency to access the facility.
- **Materials accepted:**
 - Household solid waste
 - Source separated cardboard
 - Single-stream recyclables
 - HHW (fluorescent lights, household batteries, scrap metal, and electronics)

Residents enter the facility after checking in with gate personnel at the facility entrance. They then proceed to unload the solid waste and source-separated cardboard into above-ground stationary compactor units utilizing roll-off compactor containers which are located below grade. Single-stream recyclables are unloaded by residents into below grade open-top roll off containers. The roll-off compactor and open-top containers are removed as needed and transported to the Rock Creek Solid Waste Facility for either disposal or consolidation for transporting to a Material Recovery Facility for processing depending on the material. The collected household hazardous waste (HHW) is either consolidated and transported to the Rock Creek Solid Waste Facility or picked up by the County's contracted HHW management company.

The facility is permitted to accept 54 tons per day of solid waste and recyclables and currently receives an average of 8 tons per day. The facility is also permitted to service up to 750 vehicles per day and handled an average of approximately 9,564 vehicles per month during the period of January through August in 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and/or recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, maintenance of the compactor units, providing sufficient roll-off containers for the facility's operations, and securing the site during non-operating hours.

Copperopolis Transfer Station

- 3831 O'Brynes Ferry Road, Copperopolis, CA
- **Operating Hours:** 8:00 AM to 4:30 PM
- **General Requirements:** Must provide proof of county residency to access the facility.
- **Materials accepted:**
 - Household solid waste
 - Single-stream recyclables
 - Source separated cardboard
 - Wood and yard waste

Residents enter the facility at the main entrance gate and are directed to the appropriate area for unloading after site personnel verify proper residency requirements. The residents then proceed to unload the solid waste, cardboard and/or wood/yard waste into stationary compactor units which utilize roll-off compactor

containers. The accepted single-stream recyclables are unloaded by residents into open-top and multi-port roll-off containers. The roll-off compactor containers and single-stream containers are removed as needed and transported to the Rock Creek Solid Waste Facility for either disposal or consolidation for transportation to a MRF for processing. The wood and yard waste compactor container is also transported to the Rock Creek Solid Waste Facility for shredding and subsequent use as a compost and/or alternate daily cover material by the site's landfill.

The facility is permitted to accept 38 tons per day of solid waste and recyclables and currently receives an average of 7 tons per day. The facility is also permitted to service up to 560 vehicles per day, and handled an average of approximately 6,111 vehicles per month during the period of January through August in 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, maintenance of the compactor units, providing sufficient roll-off containers for the facility's operations and securing the site during non-operating hours.

Paloma Transfer Station

- 4347 Paloma Road, Paloma, CA
- **Operating Hours:** 10:00 AM to 4:30 PM
- **General Requirements:** Must provide proof of county residency to access the facility.
- **Materials accepted:**
 - Household solid waste
 - Single-stream recyclables

Residents enter the facility at the main entrance gate and are directed to the appropriate area for unloading after site personnel verify proper residency requirements. The residents then proceed to unload the solid waste into above-ground stationary compactor units which utilize a below-grade roll-off compactor container for consolidation and transportation of the solid waste. A ground-level compactor unit is utilized for receiving and consolidating the source-separated cardboard into a compactor roll-off container for transportation of the collected material. The single-stream recyclables are unloaded by residents into multi-port roll-off containers. The roll-off compactor and single-stream roll-off containers are removed as needed and transported to the Rock Creek Solid Waste Facility for either disposal and consolidation for transportation to a MRF for processing.

The facility is permitted to accept 38 tons per day of solid waste and recyclables and currently receives an average of 3 tons per day. The facility is also permitted to service up to 560 vehicles per day and handled an average of approximately 923 vehicles per month during the period of January through August in 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, general maintenance of the compactor units, providing sufficient roll-off containers for the facility's operations, and securing the site during non-operating hours.

Red Hill Transfer Station

- 5314 Red Hill Road, Vallecito, CA
The Red Hill Transfer Station has an annex that is a functionally separate space located on the same site, regulated under the same permit
- **Days of Operation:** Friday through Monday
- **Operating Hours:** 8:00 AM to 4:30 PM
- **General Requirements:** Must provide proof of county residency to access the facility.
- **Materials accepted:**
 - Household solid waste
 - Single-stream recyclables
 - Source separated cardboard
 - Wood and yard waste
 - HHW: Electronics, fluorescent lights, household batteries, auto batteries, latex paint, oil, oil filters and antifreeze
 - Appliances: Washers, dryers, refrigerators, freezers, stoves, ovens, air conditioners & water coolers
 - Tires
 - Scrap metal

Residents enter the facility at the main entrance gate and are directed to the appropriate area for unloading after site personnel verify proper residency requirements. They then proceed to unload the solid waste into the above-ground stationary compactor unit which utilizes a roll-off compactor container which is located on a below-grade level. The accepted source-separated cardboard wood is loaded into a compactor unit which is located at ground level and single-stream recyclables are unloaded by residents into open to and multi-port roll-off containers. The roll-off compactor and single-stream containers are removed as needed and transported to the Rock Creek Solid Waste Facility for either disposal or consolidation for transportation to a MRF for processing. The HHW, appliances and tires are unloaded at a separate area and consolidated for shipment to the Rock Creek Solid Waste Facility. The wood and yard waste is stockpiled onsite for periodical shredding and subsequent transporting to the Rock Creek Solid Waste Facility for use as compost and/or alternate daily cover material by the site's landfill.

The facility is permitted to accept 80 tons per day of solid waste and recyclables and currently receives an average of 8 tons per day. The facility handled an average of 4,641 vehicles per month from January through August 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, general maintenance of the compactor units, stockpiling of the accepted yard waste, proper storage of the HHW, appliances and tires as well providing sufficient roll-off containers for the facility's operations and securing the site during non-operating hours.

San Andreas Transfer Station

- 4285 Highway 49, San Andreas, CA
- **Days of Operation:** Friday through Monday
- **Operating Hours:** 8:00 AM to 4:30 PM
- **General Requirements:** Must provide proof of county residency to access the facility.
- **Materials accepted:**
 - Household solid waste
 - Single-stream recyclables
 - Source separated cardboard

Residents enter the facility at the main entrance gate and are directed to the appropriate area for unloading after site personnel verify proper residency requirements. The residents then proceed to unload the solid waste into an above-ground stationary compactor unit which utilizes a roll-off compactor container which is located on a below-grade level. The accepted source-separated cardboard wood is loaded into a compactor unit which is located at ground level and single-stream recyclables are unloaded by residents into open to and multi-port roll-off containers. The roll-off compactor and single-stream containers are removed as needed & transported to the Rock Creek-Solid Waste Facility for either disposal or consolidation for transportation to a MRF for processing.

The facility is permitted to accept 38 tons per day of solid waste and recyclables and currently receives an average of 7 tons per day. The facility is also permitted to service up to 560 vehicles per day and handled an average of 3,200 vehicles per month from January through August 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, general maintenance of the compactor units, providing sufficient roll-off containers for the facility's operations and securing the site during non-operating hours.

Wilseyville Transfer Station

• **4598 Blizzard Mine Road, Wilseyville, CA**

Like Red Hill Transfer Station noted above, Wilseyville has an annex that is a functionally separate space located on the same site, regulated under the same permit.

• **Days of Operation:** Friday through Monday

• **Operating Hours:** 8:00 AM to 4:30 PM

• **General Requirements:** Must provide proof of county residency to access the facility.

• **Materials accepted:**

- Household solid waste
- Single-stream recyclables
- Source separated cardboard
- Wood and yard waste
- HHW: Electronics, fluorescent lights, household batteries, auto batteries, latex paint, oil, oil filters and antifreeze
- Appliances: Washers, dryers, refrigerators, freezers, stoves, ovens, air conditioners & water coolers
- Tires
- Scrap metal

Residents enter the facility at the main entrance gate and are directed to the appropriate area for unloading after site personnel verify proper residency requirements. They then proceed to unload the solid waste into the above-ground stationary compactor unit which utilizes a roll-off compactor container which is located on a below-grade level. The accepted source-separated cardboard is loaded into a ground-level compactor unit and single-stream recyclables are unloaded by residents into open to and/or multi-port roll-off containers. The roll-off compactor and single-stream containers are removed as needed and transported to the Rock Creek Solid Waste Facility for either disposal and consolidation for transportation to a MRF for processing. The HHW, appliances and tires are unloaded in a separate area referred to as the Annex and consolidated for shipment to the Rock Creek Solid Waste Facility. The wood and yard waste is stockpiled onsite for periodical shredding and subsequent transportation to the Rock Creek Solid Waste Facility for use as compost and/or alternate daily cover material by the site's landfill.

The facility is permitted to accept 80 tons per day of solid waste and recyclables and currently receives an average of 8 tons per day. The facility handled an average of 2,967 vehicles per month during the period of January through August in 2022.

The basic operation of the facility consists of checking in residents who are delivering the above-specified waste materials and recyclables, directing the residents to the appropriate drop-off area, servicing the roll-off containers as needed, general site housekeeping, general maintenance of the compactor units, stockpiling of the accepted yard waste, proper storage of the HHW, appliances and tires as well as providing sufficient roll-off containers for the facility's operations and securing the site during non-operating hours.

Appendix E – Waste Collection Fees and Details

The following collection service options and rate summary contains information for the period of July 1, 2022 to June 30, 2023.

Residential Waste and Recycling Collection Services

The basic residential collection services offered by Cal Waste include the following options for residents.

Residents located below Forest Meadows based on different monthly rates:

Trash cart serviced weekly	Recycling cart serviced bi-weekly	Green waste serviced bi-weekly	Monthly rate
35-gallon	95-gallon	65-gallon	\$27.14
65-gallon	95-gallon	65-gallon	\$58.61
95-gallon	95-gallon	65-gallon	\$97.47

Residents located above Forest Meadows based on different monthly rates:

Trash cart serviced weekly	Recycling cart serviced bi-weekly	Container provided per year based on customer's request	Monthly rate
One 32-gallon	One 32-gallon	3.5 cubic yard	\$27.14
Two 32-gallon	One 32-gallon	3.5 cubic yard	\$58.61
Three 32-gallon	One 32-gallon	3.5 cubic yard	\$97.47

In addition to these services, California Waste offers a variety of on-call and special services to residents such walk in/backyard and long driveway service options for various service rates.

Commercial Waste and Recycling Collection Services

The basic commercial and recycling collection services offered by offered by California Waste include the following service options.

Commercial Waste Cart Collection Services:

Waste cart picked up	Frequency per week	Monthly rate dependent of frequency of service
32-gallon or 35-gallon	1 to 5 times	\$27.14 to \$181.88
65-gallon	1 to 5 times	\$58.61 to \$392.69
95-gallon	1 to 5 times	\$97.47 to \$653.11

It should be noted that customers who require more than one cart are serviced based on a rate schedule which reflects the cost for servicing multiple carts and the frequency of the required service.

Commercial Waste Container Collection Services:

Cubic yard container	Frequency per week	Monthly rate dependent of frequency of service
1	1 to 5 times	\$85.92 to \$575.65
2	1 to 5 times	\$171.83 to \$1,151.31
3	1 to 5 times	\$274.94 to \$1,842.10
4	1 to 5 times	\$373.75 to \$2,504.09
5	1 to 5 times	\$463.96 to \$3,108.53
6	1 to 5 times	\$558.47 to \$3,741.75

It should be noted that customers who require more than one container are serviced based on a rate schedule which reflects the cost for servicing multiple carts and the frequency of the required service.

Commercial Recycling Cart Collection Services:

Recycling cart picked up	Frequency per week	Monthly rate dependent of frequency of service
One to three 32-gallon or one 95-gallon	1 to 5 times	\$82.86 to \$555.14

It should be noted that customers who require more than three 32-gallon carts or more than one 95-gallon are serviced based on a rate schedule which reflects the cost for servicing multiple carts and the frequency of the required service.

Commercial Recycling Container Collection Services:

Cubic yard container	Frequency per week	Monthly rate dependent of frequency of service
1	1 to 5 times	\$49.98 to \$489.31
2	1 to 5 times	\$75.02 to \$ 978.61
3	1 to 5 times	\$233.70 to \$1,565.78
4	1 to 5 times	\$317.68 to \$2,128.48
5	1 to 5 times	\$394.36 to \$2,642.26
6	1 to 5 times	\$474.70 to \$3,180.49

It should be noted that customers who require more than three 32-gallon carts or more than one 95-gallon are serviced based on a rate schedule which reflects the cost for servicing multiple carts and the frequency of the required service.

In addition to the above-specified basic services, the company offers unscheduled collection services based on various service rates as well as special services such as walk-in and long driveway service options for various service rates.

Roll-Off Collection Services

All areas up to and including Forest Meadows:

Container	Cost
10 cubic yard	\$475 per load + \$64 per ton (Transfer station charge)
20 cubic yard	\$630 per load + \$64 per ton (Transfer station charge)
30 cubic yard	\$795 per load + \$64 per ton (Transfer station charge)

All areas above Forest Meadows:

Container	Cost
10 cubic yard	\$475 per load + \$64 per ton (Transfer station charge)
20 cubic yard	\$630 per load + \$64 per ton (Transfer station charge)
30 cubic yard	\$795 per load + \$64 per ton (Transfer station charge)

The collection service rates are subject to an annual CPI increase on July 1st of each contract year.

Appendix F – Rock Creek Landfill Details and Observations

Items for consideration as site or operational improvements are indicated in **bold**.

The Landfill main entrance off Hunt Road and the access road, Coyote Ridge Drive, has an adequate queuing length for incoming traffic at current incoming tonnages. Additionally, no reported queuing issues at higher tonnages are experienced at the facility. There is a single 70-foot scale for incoming weighing which is used for outgoing tares as needed. Hunt Road is a two-lane county road and experiences below-design volume traffic most of the time. **There is an opportunity to add a right turn queuing lane for eastbound traffic to the facility if needed and a left turn lane for westbound traffic to the facility entrance as well for future expansion or changes in operations.**



The Scale Office houses the scale operations and is staffed full-time by one scale clerk at any time. There is a Roll-Off yard/park of approximately 0.2 acres past the scale area on the left side of the main entrance road going to the landfill proper capable of storing at least 25 roll-off containers. Adjacent to the Roll-off yard/park is the Leachate Collection and Removal Tanks and System as well as the Gas Collection Control System Flare. The main Access and Egress Road (from the Scale Area to the Landfill Cells and perimeter road) is a well-maintained paved roadway provides full and safe access to Landfill Perimeter Road.

The Landfill Perimeter Road is a maintained graveled single lane road primarily along the landfill perimeter toe of slope and property line along the west boundary and majority of the eastern boundary. It is located within portions of the setback from property boundaries as well as within the unconstructed future cell areas providing access to the entire facility, bulk green material recycling area and soil borrow area.

Landfill Access Road (Operations Road) begins at the toe of the filled waste slopes to provide access to the 'Working Face' or daily landfilling operations area for waste off-loading. It is constantly maintained and moved as part of the fill sequence planning conducted by landfill operations. Stormwater management is

a main responsibility to keep run-on stormwater to active waste areas at a minimum. Roads are usually steeply sloped to gain elevation quickly.

The Landfill Disposal Area is currently in Phase II-B of the site masterplan. It is characterized as follows:

- Working Face: 50 feet slope length by 50 feet working face width.
- Operations seeks to achieve space for 2-3 unloads at a time.
- Has a Tip Area sized to keep down blowing material and dust and it is all-weather prepped.
- Litter Screening (Blowing Material Fence) – Topdeck and working face have at least 1400 ft of 8-ft fence in place to minimize blowing material.

Stormwater Run-on

- Most cell slopes drain away from working face to the south and east and therefore minimal to no opportunity for run-on stormwater in the present filling locations near the top of Phase II. To the west and north there are higher slope that are intercepted with temp berms to divert stormwater.

Waste Compaction and Airspace Utilization

- Implement the current operations goal to achieve 1,100-1,200 annual average in-place density of compacted waste. Currently in place density is approximately 1,000 lbs per cubic yard, based on annual surveys. The operational goal is to maximize airspace by ensuring daily effective compacting effort with existing equipment, by maximizing the number of equipment passes over placed waste.
- The waste composition is predominantly typical MSW (observed on December 14, 2022) and with loads of a high volume **of residual processing materials from Cal-Waste containing a high percentage of plastics.**

Daily Cover Operations

- Daily cover observed on December 14, 2022 from previous days work was the application of alternative daily cover (ADC)– chipped green waste. Tarping was also reported to be used for daily cover in addition to green waste as an alternative to soil across the working face after waste placement.
- Operations soil is used sparingly as needed for access to the working face and maintenance of roadways and drainage channels.

Intermediate Covered Areas

- Adjacent cell areas to the Working Face Daily Operations were covered with intermediate cover – a primarily sand, clayey/silt sand mixture.

Housekeeping and Vector and Odor Control

- Landfill has permanent litter screening in place at the perimeter and operates a crew with routine cleaning and removal along its length.
- Daily cover in place except working face during site visit December 14, 2022 to control odors
- From interviews with Ms. Casci and Mr. Feriani, there were no ongoing odor complaints or issues.

Leachate Management

- Leachate is collected in a lined leachate pond designated Phase II Leachate Pond. This pond provides for leachate treatment through evaporation.
- Given local annual precipitation, Ms. Casci and Mr. Feriani describe the landfill as a dry landfill – much lower than average leachate generation based on national average.

Safety

- Safety operational and structural controls in place to manage traffic to and from the working face.
- Operations manager onsite throughout the day (December 14, 2022)
- Tonnage – Daily – 100 tons per day
 - Made up of broad categories of MSW and Residuals from processing of recyclable materials including:
 - Municipal (Household, Commercial and Government) Solid Waste or Trash
 - Animal Carcasses
 - Construction Debris
 - Old Furniture

Working Face Mobile Equipment

- A list of mobile equipment available at the Landfill site was obtained from site IWM personnel prior to the visit. GBB's focus was primarily on the equipment needed at and around the immediate area of the Landfill. Most equipment on the list categorized as Landfill operations equipment was observed onsite by GBB either while in use or parked at various locations around the site. According to site personnel interviewed, all of this equipment is currently operational.
 - **Working Face** – usually:
 - 2 Dozers: D6R, D6T
 - 2 Compactors: Cat 826; Al-Jon 500AV (backup)
 - One Cat Front End Loader
 - One 10-yard dump truck
 - 2 Cat D-6 bulldozers are operational with one machine approaching 10,000 hours of service and possible certified rebuild.
 - 1 Cat 826 Compactor is operational however the machine should be considered for certified rebuild in the near future and/or replacement as a frontline machine. In addition, the unit's wheels are in need of resurfacing and teeth replacement.
 - 1 Aljon compactor is operational on a limited basis as a backup machine only due to high hours of usage and age of the machine.
 - **Other** – Other equipment observed onsite included mobile equipment used for the soil borrow area:
 - Cat 623 Scraper
 - Cat Front End Loader

Gas Management

Landfill operates an enclosed flare currently producing 120 square cubic feet per minute (SCFM) which is a low gas flow. It can produce up to 360 SCFM with seasonal variations. The system is 10 years old (2012) and if fully operational and in compliance with regulations. It was noted that this system had fell into

disrepair and out of compliance due to lack of regular maintenance and there has been a substantial investment in the system to make it functional and in compliance with regulations.

Stormwater Management

Facility operates and maintains a system of stormwater conveyance and control structures to manage stormwater onsite for both the Landfill and the Transfer Station/MRF facility. Stormwater management is a priority at landfill facilities to minimize impacts to it and the surrounding downstream watershed environment. Stormwater management constantly needs modifications to changes of the landfill and requires ongoing and continual maintenance, monitoring and compliance. Stormwater management typically has its own line item in the budget.

Landfill Staffing

Landfill staffing ranges from a minimum of 2 to a maximum of 5 personnel each day depending on the day of the week as each day needs more or less staffing depending on average anticipated tonnage. Friday through Monday are typically lighter tonnage days than Tuesday through Thursday.

Gatehouse/Scale – Operations provides 1 person full-time daily 7 days a week. Primary person assigned to the Gatehouse works 5 days per week. On the weekend there are two additional staff that rotate to cover. Other staff is rotated on the 7 work days each week to provide full coverage. Gatehouse staffing can also be consider part of the Transfer Station/MRF staffing.

Working Face - Operations provides 2 to 4 persons full-time daily 7 days a week. 5 personnel are used to staff the 2-4 positions to allow for time off, sick leave and vacation time. On a typical day, one person is typically assigned to the compactor, and one to a dozer. On days with 3 to 4 personnel, additional staff is used to haul soil or ADC to the working face, provide a spotter for incoming loads to off-load, litter fence cleaning, and additional earthwork needed to effectuate operations.

Equipment Maintenance – IWM does not staff equipment maintenance personnel and relies on DPW to provide maintenance services. DPW has 6 mechanics and they estimate that 30% of their total manhours is used to support IWM. DPW staff typically are dispatched to the landfill to work on large mobile equipment in the Office/Maintenance Shop Building at the landfill. The building has four bays for equipment maintenance. The building has two diesel fuel storage tanks and backup power generation.

DPW uses a software system to track Maintenance which provides preventive maintenance schedules and regular maintenance notifications. DPW keeps IWM parts inventory maintained.

Appendix G – Rock Creek Transfer Station & MRF Details and Observations

Facility Footprint and Property Area

- 24,000 square feet on approximately 1.5 acres immediately around the facility.

Equipment/System Details:

- Main equipment Manufactures – Baler (cardboard)
- Equipment:
 - Two Cat 908 Front End Loaders
 - One Cat Forklift P6000

Overview of existing capabilities & materials processed.

- Facility provides for residential drop-off of Trash, Mixed Recyclables, Cardboard from residential carts, residential trailers, and Roll-off Containers.



- Tip Floor Areas, Transfer, and Storage
 - Tip floor locations for 6 – 20-yd roll-off containers
 - 2 - Tip Floor locations for roll-off containers of Scrap Metal
 - 2 - Tip Floor locations for mixed recyclables from Residential drop-off
 - 2 - Tip Floor locations for trash from Residential drop-off
 - 2 - Semi-Trailer Load-out Bays for Mattresses, and Electronics
 - Cardboard Baler/Compactor
 - Consolidation Bay
 - Latex Paints
 - Household Hazardous Wastes
 - Appliances
 - Sharps
 - Fluorescent Light Bulbs

Appearance of Facility and Equipment

Building exterior cladding and framing

(Exterior Cladding and Framing near the container loading areas)



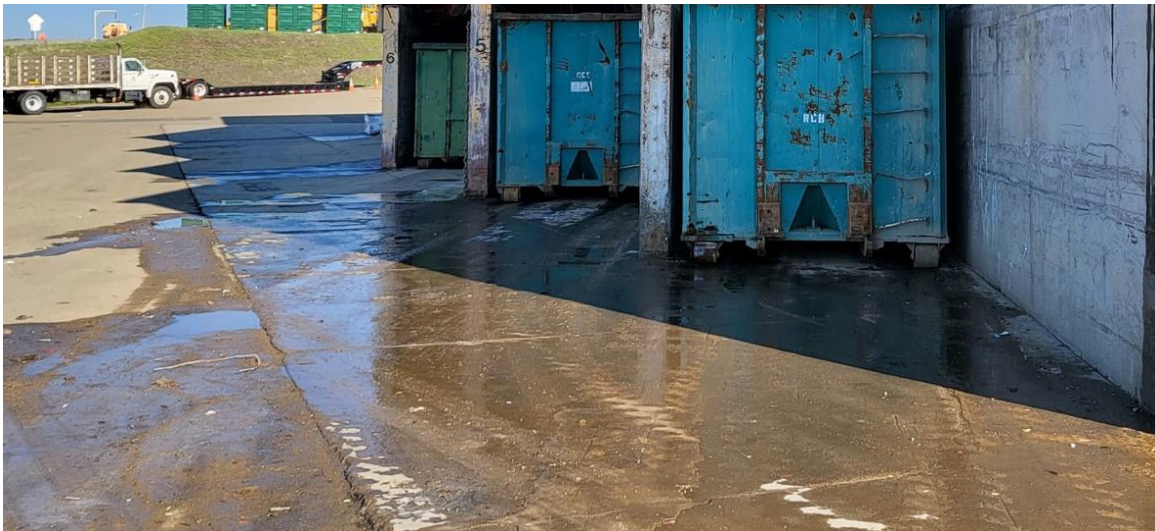
Concrete push wall





Push Wall – Current conditions

Container Aprons





Staffing

In general, MRF staffing ranges from a minimum of 2 to a maximum of 4 personnel each day depending on the day of the week as each day needs more or less staffing depending on average anticipated tonnage. Friday through Monday are typically lighter tonnage days than Tuesday through Thursday.

Gatehouse/Scale – Operations provides 1 person full-time daily 7 days a week. Primary person assigned to the Gatehouse works 6 days week. Other staff is rotated on the 6th and 7th workday each week to provide full coverage. Gatehouse staffing is primarily considered part of the Landfill staffing but also must be there for Transfer Station/MRF operations.

Transfer Station/MRF Operations provides 2 to 4 persons full-time daily 7 days a week. 6 personnel are used to staff the 2-4 positions needed daily and to allow for time off, sick leave and vacation time.

Equipment Maintenance – IWM does not staff equipment maintenance personnel and rely on DPW to provide maintenance services. This was further discussed in the Landfill staffing in a section above.



*Thank you for this opportunity to serve
Calaveras County and its residents*



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RAFTELIS



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: June 3, 2025
TO: City Council
FROM: Michelle Gonzalez, Finance Director
RE: **ACCEPTANCE OF THE CITY OF ANGELS AUDITED FINANCIAL STATEMENTS FOR THE FISCAL YEAR ENDING JUNE 30, 2024**

RECOMMENDATION:
Accept the Audited Financial Statements for the City of Angels for the fiscal year ending June 30, 2024.

BACKGROUND:
The City is required to prepare and make available audited financial statements on an annual basis in accordance with generally accepted accounting principles (GAAP) and applicable Governmental Accounting Standards Board (GASB) requirements.

Price, Paige & Company was selected as the City’s independent auditor in May 2023. Their firm began audit fieldwork for the fiscal year ending June 30, 2024, in October 2024.

DISCUSSION:
Price, Paige & Company will present the audit report for the fiscal year ending June 30, 2024. Completion of the audit was delayed due to the timing of the release of the GASB-required actuarial reports related to Other Post-Employment Benefits (OPEB). These reports are necessary for inclusion in the City’s financial statements. Once received, the auditors finalized their fieldwork, and the audit was completed in April 2025.

FINANCIAL IMPACT:
None at this time.

- ATTACHMENTS:**
- City of Angels Audit Committee Letter2024
 - City of Angels Financial Statements 2024
 - City of Angels GAS Report & Findings 2024



CITY OF ANGELS

PRESENTATION OF THE JUNE 30,
2024 FINANCIAL STATEMENT AUDIT
TO THE CITY COUNCIL

JUNE 3, 2025
ANTHONY GONZALES, CPA



PRICE PAIGE & COMPANY
Certified Public Accountants

AGENDA

01

ABOUT THE FIRM

02

AUDIT SCOPE
& PROCESS

03

AUDIT AREAS OF
EMPHASIS

04

AUDITORS
REPORTS

05

REQUIRED
COMMUNICATIONS

06

DISCUSSION/
QUESTIONS



ABOUT THE FIRM

- **Founded in 1976**
- **Top 5 firm in Fresno and surrounding counties**
- **Deep specialization in serving governments**
- **Over 80 audits of municipalities, special districts, counties and nonprofit organizations**
- **PPC consists of 60 dedicated employees, including over 19 CPA's**



ENGAGEMENT MANAGEMENT TEAM

- Fausto Hinojosa, CPA CFE - Engagement Partner
- Anthony Gonzales, CPA - Engagement Manager
- Two additional staff members
- This team of professionals has over 50 years of combined experience
providing audit services



SCOPE OF AUDIT

- **Audit of the City's annual financial statements in accordance with applicable audit standards (AICPA & Governmental Audit Standards)**
- **Risk based audit, designed to provide reasonable assurance – free from material misstatement (GAAP)**



AUDIT PROCESS

- **Assess Risks of Error & Fraud**
- **Obtain understanding of City fiscal operations**
- **Internal Control**
 - **Effectively designed?**
 - **Placed in operation?**
- **Develop procedures to obtain evidence about financial statement
balances/transactions**



AUDIT AREAS OF EMPHASIS

- Cash
- Revenues and Receivables
- Expenses (including salaries) and accounts payable
- Capital Assets
- Leases
- Net Pension Liability
- Post-Employment Benefit Liability



AUDITORS REPORT ON FINANCIAL STATEMENTS

- **Unmodified opinion (Clean Opinion)**
- **Audit performed in accordance with AICPA and Government Auditing Standards**
- **Financial statements are fairly presented in all material respects**
- **Significant accounting policies have been consistently applied**
- **Estimates are reasonable**
- **Disclosures are properly reflected in the financial statements**



GOVERNMENT AUDITING STANDARDS REPORT

- This report provides the results of our testing over internal controls and compliance
- Internal Control
 - Material weakness identified - differences in the City's beginning fund balance and net position when compared to the prior year audited financial statements (\$600,000) – see page 3 of the GAS Report & Findings package
- Compliance & Other Matters
 - No deficiencies



REQUIRED COMMUNICATIONS

- **Significant Accounting Policies – no changes**
- **Significant Estimates – Allowance for doubtful accounts, net pension liability, postemployment benefit obligations and management's estimate over depreciation**
- **Sensitive Disclosures - Deficit Fund Balance in Note 13**



REQUIRED COMMUNICATIONS

(Continued)

- **Difficulties Encountered in Performing Audit - None**
- **Significant Audit Adjustments – See Corrected Material Audit Adjustments attached**
- **Disagreements with Management – None**
- **Fraud and Illegal Acts – Nothing Identified**



**THANK YOU FOR YOUR
TIME.**

ANY QUESTIONS?



April 25, 2025

To the Honorable Mayor and City Council
City of Angels, California

We have audited the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Angels, California (the City) for the year ended June 30, 2024. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our engagement letter previously provided to you. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Matters

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the City are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during fiscal year 2024. We noted no transactions entered into by the City during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimates affecting the City's financial statements were:

Management's estimate of the allowance for doubtful accounts is based on historic revenues and analysis of collectability. We evaluated the methods, assumptions, and data used to develop the allowance for doubtful accounts in determining that it is reasonable in relation to the financial statements taken as a whole.

Management's estimate of the net pension liability and related deferrals is based on actuarial valuations. We evaluated the methods, assumptions, and data used to develop the liability and related deferrals in determining that it is reasonable in relation to the financial statements taken as a whole.

Other postemployment benefit obligations are determined using terms of various healthcare plans offered, together with relevant actuarial assumptions and healthcare cost trend rates, projected annual rates and discount rates. We evaluated the key factors and assumptions used to develop the other postretirement benefit obligation in determining that it is reasonable in relation to the financial statements taken as a whole.

Management's estimate of depreciation is based on historic costs. We evaluated the methods, assumptions, and data used to develop the estimate of depreciation in determining that it is reasonable in relation to the financial statements taken as a whole.

570 N. Magnolia Avenue, Suite 100
Clovis, CA 93611

tel 559.299.9540
fax 559.299.2344

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive disclosure affecting the financial statements was:

The disclosure of Deficit Fund Balance in Note 13 to the financial statements provides information regarding the City's funds which have liabilities that exceed their assets resulting in a deficit fund balance.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. The attached schedule, "Uncorrected Audit Differences", summarizes uncorrected misstatements of the financial statements. Management has determined that their effects are immaterial, both individually and in the aggregate, to the financial statements taken as a whole. The uncorrected misstatements or the matters underlying them could potentially cause future period financial statements to be materially misstated, even though, in our judgement, such uncorrected misstatements are immaterial to the financial statements under audit. In addition, the adjustments noted in the "Corrected Material Audit Adjustments" attached represent the material misstatements detected as a result of audit procedures that were corrected by management.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the City's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the City's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

In our audit engagement letter previously provided to you, we communicated the following significant risks of material misstatement (significant risks) as part of our audit planning:

- Management override of controls
- Improper revenue recognition due to fraud

During the course of the audit, we identified additional significant risks:

- Incomplete or inaccurate revenue recognition for grant related revenues.

These risks were addressed within our audit procedures, and we have no findings to report related to these risks.

Other Matters

We applied certain limited procedures to the budgetary comparison schedule, schedule of the proportionate share of net pension liability, schedule of contributions, and schedule of changes in net OPEB liability and related ratios, which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the combining and individual nonmajor fund financial statements, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Restriction on Use

This information is intended solely for the information and use of the Honorable Mayor, City Council and management of the City of Angels, California and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

Price Page & Company

Client: CITY OF ANGELS
Engagement: 6-30-24 Audit
Current Period: 06/30/2024
Workpaper: Attachment: Uncorrected Audit Differences

Account	Description	Misstatement	Workpaper Reference	Debit	Credit	Net Income Effect
		Known				
PJE01		Misstatement	L300			
To correct the difference between the lease receivable and deferred inflows recorded in the City's books and the auditors' recalculation.						
010-3000-40704-0000	Property Rental			38,129.56	0.00	
010-0000-11090-0000	Leases Receivable			0.00	20,410.36	
010-0000-26037-0000	Deferred Inflows - Leases			0.00	17,719.20	
Total				<u>38,129.56</u>	<u>38,129.56</u>	<u>(38,129.56)</u>
GRAND TOTAL				<u>38,129.56</u>	<u>38,129.56</u>	<u>(38,129.56)</u>

Client: CITY OF ANGELS
Engagement: 6-30-24 Audit
Current Period: 06/30/2024
Workpaper: Attachment: Corrected Material Audit Adjustments

Account	Description	Workpaper Reference	Debit	Credit	Net Income Effect
AJE12		N150			
To correct opening fund balance for CMAQ/CML funds reported as revenue in the CY (reported in audited f/s in FY2023)					
139-2010-40805-0000	CMAQ Funds		50,000.00	0.00	
139-2010-40806-0000	CML Funds		120,585.29	0.00	
139-0000-30000-0000	Fund Balance - Unrestricted		0.00	170,585.29	
Total			170,585.29	170,585.29	(170,585.29)
AJE15		N150			
To correct opening fund balance related to prior year grant income recorded in current year (recorded in audited FS in FY23).					
115-2011-44000-0000	Grant Income		414,794.90	0.00	
115-0000-30000-0000	Fund Balance - Unrestricted		0.00	414,794.90	
Total			414,794.90	414,794.90	(414,794.90)

City of Angels | Angels Camp, CA

Financial Statements

For the Year Ended June 30, 2024



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INDEPENDENT AUDITOR'S REPORT

To the Honorable Mayor and City Council
City of Angels, California

Report on the Audit of the Financial Statements

Opinions

We have audited the accompanying financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Angels, California (the City), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the City's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City, as of June 30, 2024, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinions

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the City and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

570 N. Magnolia Avenue, Suite 100
Clovis, CA 93611

tel 559.299.9540

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Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the City's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Management has omitted the management's discussion and analysis that accounting principles generally accepted in the United States of America require to be presented to supplement the basic financial statements. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting of placing the basic financial statements in an appropriate operational, economic, or historical context. Our opinion on the basic financial statements is not affected by this missing information.

Accounting principles generally accepted in the United States of America require that the budgetary comparison information, schedule of proportionate share of net position liability, the schedule of contributions, and schedule of changes in net OPEB liability and related ratios, on pages 47 through 52 be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the City of Angels basic financial statements. The accompanying combining and individual nonmajor fund financial statements, are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining and individual nonmajor fund financial statements are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated April 25, 2025, on our consideration of the City’s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the City’s internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the City’s internal control over financial reporting and compliance.

Price Pange & Company

Clovis, California
April 25, 2025

BASIC FINANCIAL STATEMENTS

GOVERNMENT-WIDE FINANCIAL STATEMENTS

	Governmental Activities	Business-Type Activities	Total
ASSETS			
Cash and investments	\$ 7,648,415	\$ 19,455,164	\$ 27,103,579
Accounts receivable	29,489	547,076	576,565
Due from other governments	1,408,675	-	1,408,675
Taxes receivable	352,570	-	352,570
Interest receivable	240,061	-	240,061
Prepaid expenses	55,078	28,075	83,153
Inventory	45,381	-	45,381
Loans receivable	522,558	-	522,558
Lease receivable	264,799	-	264,799
Capital assets, net of accumulated depreciation and amortization	12,048,724	13,694,232	25,742,956
Total assets	22,615,750	33,724,547	56,340,297
DEFERRED OUTFLOWS OF RESOURCES			
Deferred outflows from pensions	2,010,523	1,003,293	3,013,816
Deferred outflows from OPEB	243,783	104,478	348,261
Total deferred outflows of resources	2,254,306	1,107,771	3,362,077
LIABILITIES			
Accounts payable	604,349	113,069	717,418
Due to other agencies	14,480	-	14,480
Retainage	113,659	-	113,659
Deposit liability	650	56,928	57,578
Accrued wages	186,844	-	186,844
Accrued interest payable	-	18,975	18,975
Long-term liabilities:			
Due within one year:			
Compensated absences	83,846	20,365	104,211
Long-term debt	-	278,501	278,501
Due in more than one year:			
Compensated absences	-	29,433	29,433
Long-term debt	-	2,181,183	2,181,183
Net pension liability	4,740,751	2,681,936	7,422,687
Net OPEB liability	1,512,725	648,365	2,161,090
Total liabilities	7,257,304	6,028,755	13,286,059
DEFERRED INFLOWS OF RESOURCES			
Deferred inflows from pensions	158,662	131,660	290,322
Deferred inflows from OPEB	1,796,586	769,966	2,566,552
Deferred inflows from leases	205,362	-	205,362
Total deferred inflows of resources	2,160,610	901,626	3,062,236
NET POSITION			
Net investment in capital assets	12,048,724	11,234,548	23,283,272
Restricted	3,746,352	-	3,746,352
Unrestricted	(342,934)	16,667,389	16,324,455
Total net position	\$ 15,452,142	\$ 27,901,937	\$ 43,354,079

The notes to the basic financial statements are an integral part of this statement.

Statement of Activities

FUNCTIONS/PROGRAMS	Program Revenues				Net (Expense) Revenue and Changes in Net Position		
	Expenses	Charges for Services	Capital Grants and Contributions	Operating Grants and Contributions	Governmental Activities	Business-Type Activities	Total
Primary government:							
Governmental activities:							
General government	\$ 1,828,103	\$ 377,506	\$ -	\$ -	\$ (1,450,597)	\$ -	\$ (1,450,597)
Public safety	3,336,074	99,649	3,874	241,492	(2,991,059)	-	(2,991,059)
Public works	2,208,527	209,654	813,312	301,071	(884,490)	-	(884,490)
Community services/recreation	656,284	4,165	104,684	63,496	(483,939)	-	(483,939)
Interest on long-term debt	151	-	-	-	(151)	-	(151)
Total governmental activities	8,029,139	690,974	921,870	606,059	(5,810,236)	-	(5,810,236)
Business-type activities:							
Water	727,718	2,027,189	-	13,703	-	1,313,174	1,313,174
Sewer	1,440,951	3,511,872	-	85,403	-	2,156,324	2,156,324
Total business-type activities	2,168,669	5,539,061	-	99,106	-	3,469,498	3,469,498
Total primary government	\$ 10,197,808	\$ 6,230,035	\$ 921,870	\$ 705,165	(5,810,236)	3,469,498	(2,340,738)
General revenues:							
Taxes:							
Property taxes					805,696	-	805,696
Sales and use tax					1,977,471	-	1,977,471
Transient occupancy tax					1,284,229	-	1,284,229
Franchise tax					235,005	-	235,005
Motor vehicle in lieu tax					366,911	-	366,911
Business license and permits					57,231	-	57,231
Rents					72,226	-	72,226
Other income					34,549	-	34,549
Investment income					502,771	728,392	1,231,163
Total general revenues					5,336,089	728,392	6,064,481
Changes in net position					(474,147)	4,197,890	3,723,743
Net position - beginning					15,926,289	23,704,047	39,630,336
Net position - ending					\$ 15,452,142	\$ 27,901,937	\$ 43,354,079

The notes to the basic financial statements are an integral part of this statement.

FUND FINANCIAL STATEMENTS

Governmental Funds

Balance Sheet

		Special Revenue Fund	Capital Projects Fund		
	General Fund	(Formerly major fund) Local Transportation	Major Capital Projects Fund	Other Nonmajor Funds	Total Governmental Funds
ASSETS					
Cash and investments	\$ 3,823,754	\$ -	\$ 64,181	\$ 3,760,480	\$ 7,648,415
Receivables:					
Accounts	29,489	-	-	-	29,489
Due from other governments	891,081	-	414,795	102,799	1,408,675
Taxes	352,570	-	-	-	352,570
Interest	73,907	-	-	166,154	240,061
Leases	264,799	-	-	-	264,799
Inventory	45,381	-	-	-	45,381
Prepaid expense	55,078	-	-	-	55,078
Due from other funds	336,500	-	-	-	336,500
Loans/notes receivable	10,842	-	-	511,716	522,558
Total assets	<u>\$ 5,883,401</u>	<u>\$ -</u>	<u>\$ 478,976</u>	<u>\$ 4,541,149</u>	<u>\$ 10,903,526</u>
LIABILITIES					
Accounts payable	\$ 395,413	\$ -	\$ 119,738	\$ 89,197	\$ 604,348
Due to other agency	14,480	-	-	-	14,480
Retainage	113,659	-	-	-	113,659
Deposit liability	650	-	-	-	650
Accrued wages	186,844	-	-	-	186,844
Due to other funds	-	-	-	336,500	336,500
Total liabilities	<u>711,046</u>	<u>-</u>	<u>119,738</u>	<u>425,697</u>	<u>1,256,481</u>
DEFERRED INFLOWS OF RESOURCES					
Deferred inflows - unavailable revenues	-	-	-	166,154	166,154
Deferred inflows - leases	205,362	-	-	-	205,362
Total deferred inflows of resources	<u>205,362</u>	<u>-</u>	<u>-</u>	<u>166,154</u>	<u>371,516</u>
FUND BALANCES (DEFICITS)					
Nonspendable:					
Prepaid expenses	55,078	-	-	-	55,078
Long-term receivables	10,842	-	-	511,716	522,558
Inventory	45,381	-	-	-	45,381
Restricted for:					
Public safety	-	-	-	233,402	233,402
Buildings, grounds and parks	-	-	-	87,825	87,825
Street construction and maintenance	-	-	-	1,942,364	1,942,364
Community development	-	-	-	1,482,761	1,482,761
Assigned to:					
Subsequent year budget deficit	677,715	-	-	-	677,715
Capital projects	-	-	359,238	-	359,238
Unassigned	4,177,977	-	-	(308,770)	3,869,207
Total fund balances	<u>4,966,993</u>	<u>-</u>	<u>359,238</u>	<u>3,949,298</u>	<u>9,275,529</u>
Total liabilities, deferred inflows of resources, and fund balances	<u>\$ 5,883,401</u>	<u>\$ -</u>	<u>\$ 478,976</u>	<u>\$ 4,541,149</u>	<u>\$ 10,903,526</u>

The notes to the basic financial statements are an integral part of this statement.

Reconciliation of the Governmental Funds Balance Sheet to the Government-Wide Statement of Net Position

Amounts reported for governmental activities in the statement of net position are different because:

Total fund balances - governmental funds	\$ 9,275,529
Capital assets, net of accumulated depreciation, used in governmental activities are not current financial resources; therefore, they are not reported in the governmental funds.	12,048,724
Certain revenues received after 60 days from the end of the fiscal year are recorded as deferred revenue in the funds and as revenues in the government-wide statement.	166,154
Deferred outflows and inflows of resources are reported in the Statement of Net Position, but are not recognized in the governmental funds:	
Deferred outflow of resources related to pensions and OPEB	2,254,306
Deferred inflows of resources related to pensions and OPEB	(1,955,248)
Certain amounts have been recorded as OPEB and pension liability, that are not due and payable and not reported in the funds.	(6,253,477)
Some liabilities, including long-term debt, compensated absences and accrued interest are not due and payable in the current period and therefore are not reported in the funds.	<u>(83,846)</u>
Net position of governmental activities	<u>\$ 15,452,142</u>

Governmental Funds

Statement of Revenues, Expenditures and Changes in Fund Balances

		Special Revenue Fund (Formerly major fund) Local Transportation	Capital Projects Fund Major Capital Projects Fund	Other Nonmajor Funds	Total Governmental Funds
	General Fund				
REVENUES					
Taxes	\$ 4,030,318	\$ -	\$ -	\$ 635,763	\$ 4,666,081
Licenses and permits	426,815	-	-	-	426,815
Intergovernmental	340,822	-	467,156	295,532	1,103,510
Fines, forfeitures and penalties	6,567	-	-	-	6,567
Charges for current services	63,640	-	-	4,165	67,805
Use of money and property	361,809	-	-	202,954	564,763
Other	17,095	-	169	648,952	666,216
Developer contributions	-	-	-	43,001	43,001
Total revenues	5,247,066	-	467,325	1,830,367	7,544,758
EXPENDITURES					
Current:					
General government	1,615,560	-	-	5,100	1,620,660
Public ways and facilities/transportation	1,021,703	-	259	8,553	1,030,515
Public safety	3,048,581	-	-	23,056	3,071,637
Community development	229,510	-	-	426,423	655,933
Debt service:					
Principal	4,750	-	-	-	4,750
Interest	692	-	-	-	692
Capital outlay	401,696	-	846,667	223,854	1,472,217
Total expenditures	6,322,492	-	846,926	686,986	7,856,404
Excess (deficiency) of revenues over (under) expenditures	(1,075,426)	-	(379,601)	1,143,381	(311,646)
OTHER FINANCING SOURCES (USES)					
Operating transfers in	794,371	-	101,803	-	896,174
Operating transfers out	-	-	-	(896,174)	(896,174)
Total other financing sources (uses)	794,371	-	101,803	(896,174)	-
Net change in fund balances	(281,055)	-	(277,798)	247,207	(311,646)
Fund balances - beginning, as previously presented	5,248,048	(398,195)	637,036	4,100,286	9,587,175
Change within financial reporting entity (major to nonmajor fund)	-	398,195	-	(398,195)	-
Fund balance, beginning of year, restated	5,248,048	-	637,036	3,702,091	9,587,175
Fund balances - ending	\$ 4,966,993	\$ -	\$ 359,238	\$ 3,949,298	\$ 9,275,529

Reconciliation of the Governmental Funds Statement of Revenues, Expenditures and
Changes in Fund Balances to the Government-Wide Statement of Activities

Amounts reported for governmental activities in the statement of activities are different because:

Net change in fund balances - total governmental funds	\$ (311,646)
--------------------------------------------------------	--------------

Capital outlays are reported in governmental funds as expenditures. However, in the statement of activities, the costs of those assets are allocated over their estimated useful lives as depreciation expense. In the current period, the amounts below represent the capital outlay portion that was capitalized for the government-wide financial statements:

Capital expenditures	1,614,192
Depreciation and amortization expense	(539,300)

The issuance of long-term debt provides current financial resources to governmental funds, while the repayment of debt principal are reported as expenditures in the governmental funds. The repayment of debt principal reduces long-term liabilities in the Statement of Net Position:

Payment of finance purchase payable	4,256
-------------------------------------	-------

Changes to compensated absences reported in the statement of activities do not require the use of current financial resources and, therefore, are not reported as expenditures in governmental funds.

11,863

Revenues in the statement of activities that do not provide current financial resources are not reported as revenues in the funds.

(43,115)

Changes to net other post employment benefit (OPEB) liability and OPEB related deferred inflows and outflows of resources do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds.

(1,481,168)

Changes to net pension liability and pension related deferred inflows and outflows of resources do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds.

270,771

Change in net position of governmental activities	<u><u>\$ (474,147)</u></u>
---------------------------------------------------	----------------------------

Proprietary Funds

Statement of Net Position

	Business-Type Activities - Enterprise Funds		
	Water	Sewer	Total
ASSETS			
Current assets:			
Cash and investments	\$ 10,756,756	\$ 8,698,408	\$ 19,455,164
Receivables:			
Accounts, net of allowance	210,409	336,667	547,076
Prepaid expense	28,075	-	28,075
Total current assets	<u>10,995,240</u>	<u>9,035,075</u>	<u>20,030,315</u>
Noncurrent assets:			
Capital assets:			
Nondepreciable:			
Land	68,965	47,550	116,515
Construction in progress	416,502	442,335	858,837
Depreciable, net of accumulated depreciation	<u>937,189</u>	<u>11,781,691</u>	<u>12,718,880</u>
Total noncurrent assets	<u>1,422,656</u>	<u>12,271,576</u>	<u>13,694,232</u>
Total assets	<u>12,417,896</u>	<u>21,306,651</u>	<u>33,724,547</u>
DEFERRED OUTFLOWS OF RESOURCES			
Deferred outflows from pensions	511,354	491,939	1,003,293
Deferred outflows from OPEB	<u>59,204</u>	<u>45,274</u>	<u>104,478</u>
Total deferred outflows of resources	<u>570,558</u>	<u>537,213</u>	<u>1,107,771</u>
LIABILITIES			
Current liabilities:			
Accounts payable	55,954	57,115	113,069
Deposit liability	24,140	32,788	56,928
Notes and loans payable	-	278,501	278,501
Compensated absence	11,273	9,092	20,365
Interest payable	-	18,975	18,975
Total current liabilities	<u>91,367</u>	<u>396,471</u>	<u>487,838</u>
Noncurrent liabilities:			
Compensated absences	16,841	12,592	29,433
Net pension liability	1,367,015	1,314,921	2,681,936
Net OPEB liability	367,359	281,006	648,365
Long-term debt	-	2,181,183	2,181,183
Total noncurrent liabilities	<u>1,751,215</u>	<u>3,789,702</u>	<u>5,540,917</u>
Total liabilities	<u>1,842,582</u>	<u>4,186,173</u>	<u>6,028,755</u>
DEFERRED INFLOWS OF RESOURCES			
Deferred inflows from pensions	68,346	63,314	131,660
Deferred inflows from OPEB	<u>436,314</u>	<u>333,652</u>	<u>769,966</u>
Total deferred inflows of resources	<u>504,660</u>	<u>396,966</u>	<u>901,626</u>
NET POSITION			
Net investment in capital assets	1,422,656	9,811,892	11,234,548
Unrestricted	<u>9,218,556</u>	<u>7,448,833</u>	<u>16,667,389</u>
Total net position	<u>\$ 10,641,212</u>	<u>\$ 17,260,725</u>	<u>\$ 27,901,937</u>

The notes to the basic financial statements are an integral part of this statement.

Proprietary Funds

Statement of Revenues, Expenses and Changes in Net Position

	Business-Type Activities - Enterprise Funds		
	Water	Sewer	Total
Operating revenues:			
Charges for services	\$ 2,026,383	\$ 3,484,302	\$ 5,510,685
Other Income	1,031	275	1,306
Connection fees	-	27,570	27,570
Total operating revenues	<u>2,027,414</u>	<u>3,512,147</u>	<u>5,539,561</u>
Operating expenses:			
Salaries and benefits *	185,456	(164,696)	20,760
Services and supplies	336,616	621,300	957,916
Operations and Maintenance	85,648	295,674	381,322
Depreciation expense	<u>119,998</u>	<u>620,342</u>	<u>740,340</u>
Total operating expenses	<u>727,718</u>	<u>1,372,620</u>	<u>2,100,338</u>
Operating income (loss)	<u>1,299,696</u>	<u>2,139,527</u>	<u>3,439,223</u>
Non-operating revenues (expenses):			
Interest income	322,830	405,562	728,392
Grant proceeds	13,478	85,128	98,606
Interest expense	-	(68,331)	(68,331)
Total non-operating revenues (expenses)	<u>336,308</u>	<u>422,359</u>	<u>758,667</u>
Net income (loss)	1,636,004	2,561,886	4,197,890
Net position - beginning	<u>9,005,208</u>	<u>14,698,839</u>	<u>23,704,047</u>
Net position - ending	<u>\$ 10,641,212</u>	<u>\$ 17,260,725</u>	<u>\$ 27,901,937</u>

*Represents current year adjustments to OPEB and pension liabilities specific to the Water and Sewer Fund, with net adjustments of \$399,816 and \$719,266, respectively.

Proprietary Funds

Statement of Cash Flows

	Business-Type Activities - Enterprise Funds		
	Water	Sewer	Total
CASH FLOWS FROM OPERATING ACTIVITIES:			
Cash received from customers	\$ 2,019,014	\$ 3,487,473	\$ 5,506,487
Cash payments to employees	(581,289)	(551,224)	(1,132,513)
Cash payments to suppliers	(431,208)	(919,919)	(1,351,127)
Net cash provided by (used for) operating activities	<u>1,006,517</u>	<u>2,016,330</u>	<u>3,022,847</u>
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES:			
Cash received from grants	<u>13,478</u>	<u>85,128</u>	<u>98,606</u>
Net cash provided by (used for) non-capital financing activities	<u>13,478</u>	<u>85,128</u>	<u>98,606</u>
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES:			
Acquisition of capital assets	(40,699)	(102,751)	(143,450)
Principal paid on long-term debt	-	(274,617)	(274,617)
Interest paid on capital debt	-	(70,764)	(70,764)
Net cash provided by (used for) capital and related financing activities	<u>(40,699)</u>	<u>(448,132)</u>	<u>(488,831)</u>
CASH FLOWS FROM INVESTING ACTIVITIES:			
Interest on investments	<u>322,830</u>	<u>405,562</u>	<u>728,392</u>
Net cash provided by (used for) investing activities	<u>322,830</u>	<u>405,562</u>	<u>728,392</u>
Net increase (decrease) in cash and cash equivalents	1,302,126	2,058,888	3,361,014
Cash and cash equivalents - beginning	<u>9,454,630</u>	<u>6,639,520</u>	<u>16,094,150</u>
Cash and cash equivalents - ending	<u>\$ 10,756,756</u>	<u>\$ 8,698,408</u>	<u>\$ 19,455,164</u>
Reconciliation of operating income to net cash provided by (used for) operating activities:			
Operating income (loss)	\$ 1,299,696	\$ 2,139,527	\$ 3,439,223
Adjustments to operating income:			
Depreciation expense	119,998	620,342	740,340
Change in assets and liabilities:			
(Increase) decrease in consumer receivables	(2,551)	(24,475)	(27,026)
(Increase) decrease in prepaid expenses	(1,198)	-	(1,198)
(Increase) decrease in pension related deferred outflows of resources	26	(711)	(685)
Increase (decrease) in accounts payable	(7,746)	(2,945)	(10,691)
Increase (decrease) in customer deposits	(5,849)	76	(5,773)
Increase (decrease) in compensated absences	3,983	3,072	7,055
Increase (decrease) in net pension liability	372,776	459,210	831,986
Increase (decrease) in other post employment benefits	(253,161)	(427,381)	(680,542)
(Increase) decrease in pension related deferred inflows of resources	<u>(519,457)</u>	<u>(750,385)</u>	<u>(1,269,842)</u>
Net cash provided by (used for) operating activities	<u>\$ 1,006,517</u>	<u>\$ 2,016,330</u>	<u>\$ 3,022,847</u>

	<u>Custodial Funds</u>
ASSETS	
Cash and investments	\$ 824,647
Accounts receivable	<u>39,833</u>
 Total assets	 <u>864,480</u>
 LIABILITIES	
Accounts Payable	3,127
Unearned Revenue	<u>38,888</u>
 Total liabilities	 <u>42,015</u>
 NET POSITION	
Restricted for:	
Held for benefit of other organizations	510,323
Held in trust for LAFCO	<u>312,142</u>
 Total net position	 <u>\$ 822,465</u>

Fiduciary Funds

Statement of Changes in Fiduciary Net Position

	<u>Custodial Funds</u>
ADDITIONS	
Contributions	\$ 110,749
Utility Fee Collections	406,044
Investment earnings	<u>19,021</u>
Total additions	<u>535,814</u>
DEDUCTIONS	
Administrative costs	72,717
Distribution of school fees	290,000
Salaries and benefits	<u>8,689</u>
Total deductions	<u>371,406</u>
Net increase (decrease) in fiduciary net position	164,408
Net position - beginning	<u>658,057</u>
Net position - ending	<u>\$ 822,465</u>

NOTES TO THE BASIC FINANCIAL STATEMENTS

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The basic financial statements of the City of Angels, California (the City) have been prepared in conformity with generally accepted accounting principles in the United States of America (U.S. GAAP) as applied to governmental agencies. The Governmental Accounting Standards Board (GASB) is the acceptable standard setting body for establishing governmental accounting and financial reporting principles. The City's significant accounting policies are described below.

A. Reporting Entity

The City was incorporated in 1912 as a municipal corporation operating under the general laws of the State of California. The City operates under a Council-Manager form of government and provides services including general government, public works, public safety, water, sewer, building inspections, public improvements, planning and zoning, and parks and recreation. Control or dependence is determined on the basis of budget adoption, selection of governing authority and designation of management, outstanding debt secured by revenues or general obligations of the City and ability to significantly influence operations.

The financial reporting entity, as defined by the GASB, consists of the primary government, the City, organizations for which the primary government is financially accountable, and any other organization for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity's financial statements to be misleading or complete.

B. Basis of Accounting

The government-wide, proprietary and fiduciary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned or, for property tax revenues, in the period for which levied. Expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Revenue from sales tax is recognized when the underlying transactions take place. Revenues from grants, entitlements and donations are recognized when the underlying transactions take place. Revenues from grants, entitlements and donations are recognized in the fiscal year in which all eligible requirements have been satisfied.

Governmental funds are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized when both measurable and available. Measurable means the amount of the transaction can be determined and available means collectible in the current period or soon enough thereafter to be used to pay liabilities of the current period. Resources not available to finance expenditures and commitments of the current period are recognized as unavailable revenue or as a reservation of fund balance. The City considers property taxes available if they are collected within 60 days after year-end. The City considers all revenues reported in the governmental funds to be available if the revenues are collected within 60 days after year-end.

Expenditures are recorded when the related fund liability is incurred. Principal and interest on general long-term debt, as well as compensated absences and claims and judgments are recorded only when payment is due. General capital acquisitions are reported as expenditures in governmental funds. Proceeds of general long-term debt and capital leases are reported as other financial sources.

When applicable, the City reports unavailable revenue on its balance sheet. Unavailable revenue arises when a potential revenue source does not meet both the measurable and available criteria for recognition in the current period. Unavailable revenue also arises when resources are received by the City before it has legal claim to them, as when grant monies are received prior to the occurrence of qualifying expenditures. In subsequent periods, when both revenue recognition criteria are met, or when the City has legal claim to the resources, unavailable revenue is removed from the balance sheet and revenue is recognized.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

B. Basis of Accounting (Continued)

Proprietary fund operating revenues, such as charges for services, result from exchange transactions associated with the principal activity of the fund. Exchange transactions are those in which each party receives and gives up essentially equal values. Nonoperating revenues, such as subsidies and investment earnings, result from nonexchange transactions or ancillary activities.

C. Basis of Presentation

Government-Wide Financial Statements

The Statement of Net Position and Statement of Activities display information about the primary government (the City) and its blended component units. These statements include the financial activities of the overall government, except for fiduciary activities. These statements distinguish between the governmental and business-type activities of the City. Governmental activities, which normally are supported by taxes and intergovernmental revenues, are reported separately from business-type activities, which rely to a significant extent on fees charged to external parties.

The Statement of Activities demonstrates the degree to which the program expenses of a given function are offset by program revenues. Program expenses include direct expenses, which are clearly identifiable with a specific function. Program revenues include 1) charges paid by the recipient of goods or services offered by the programs and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues that are not classified as program revenues, including all taxes, are presented instead as general revenues.

When both restricted and unrestricted net position are available, unrestricted resources are used only after the restricted resources are depleted.

Fund Financial Statements

The fund financial statements provide information about the City's funds, including fiduciary funds and blended component units. Separate statements for each fund category – governmental, proprietary and fiduciary – are presented. The emphasis of fund financial statements is on major governmental and enterprise funds, each displayed in separate columns. All remaining governmental and enterprise funds are separately aggregated and reported as non-major funds.

The City reports the following major governmental funds:

General Fund – This fund accounts for all financial resources not required to be accounted for in another fund. This fund consists primarily of general government-type activities.

Major Capital Projects Fund – This fund accounts for the financial resources accumulated for the acquisition and construction of capital projects.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

C. Basis of Presentation (Continued)

Fund Financial Statements (Continued)

The City reports the following major enterprise funds:

Water and Sewer Funds – Account for the operation of the City’s water and sewer utilities. Activities of these funds include administration, operating and maintenance of the water and sewer systems and billing and collection activities. The funds also accumulate resources for and payment of long-term debt principal and interest. All costs are financed through charges made to utility customers with rates reviewed regularly and adjusted if necessary to ensure the integrity of the funds.

The City reports the following fiduciary fund types:

Custodial Funds – Account for assets held by the City as an agent for individuals, private organizations, and other governments.

D. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures/expenses during the reporting period. Actual results could differ from those estimates.

E. Cash and Investments

For the purpose of the Statement of Cash Flows, the City considers cash and cash equivalents as short-term, highly liquid investments that are both readily convertible to known amounts of cash, and so near their maturity that they present insignificant risk of change in value because of changes in interest rates.

Restricted cash and unrestricted pooled cash and investments held by the City are considered cash equivalents for purposes of the Statement of Cash Flows because the City’s cash management pool and funds invested by the City possess the characteristics of demand deposit accounts.

F. Accounts Receivable

Accounts receivable are recorded for services provided to individual or non-governmental entities that are billed but unpaid. Proprietary Fund receivables are shown net of allowance for uncollectible accounts. Allowance for doubtful accounts at June 30, 2024, was \$59,412 and \$112,584 for the Water and Sewer Fund respectively.

G. Capital Assets

Capital assets, recorded at historical cost if actual historical cost is not available, are reported in governmental activities column of the government-wide financial statements. Contributed fixed assets are valued at their estimated fair market value. Capital assets include land, buildings and building improvements and equipment. Capital assets are defined by the City as assets with an initial, individual cost of more than \$5,000.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

G. Capital Assets (Continued)

The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend assets lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed. Depreciation is recorded in the government-wide financial statements on the straight-line basis over the useful lives of the assets as follows:

Assets	Useful Life
Buildings and improvements	20-40 years
Plant system	20-60 years
Equipment and machinery	5-10 years
Infrastructure	40 years

H. Software Subscription Arrangements

The City has subscriptions for various information technology applications. The City recognizes subscription-based information technology arrangement (SBITA) liabilities and intangible right-to-use software arrangement assets in the government-wide financial statements as required by Governmental Accounting Standards Board (GASB) Statement No. 96, *Subscription-Based Information Technology Arrangements* (SBITAs). At the commencement of a subscription arrangement, the City initially measures the SBITA liability at the present value of payments expected to be made during the SBITA term. Subsequently, the SBITA liability is reduced by the principal portion of the payments made. The Intangible Right-to-Use Software Arrangement asset is initially measured as the initial amount of the SBITA liability, adjusted for payments made at or before the commencement of the subscription term. Subsequently, the intangible right-to-use software arrangement asset is amortized on a straight-line basis over its useful life.

Key estimates and judgments related to SBITAs include how the City determines (1) the rate it uses to discount the expected SBITA payments to present value, (2) the SBITA term, and (3) the SBITA payments.

- The City uses the interest rate charged by the SBITA vendors as the discount rate. When the interest rate charged by the SBITA vendors is not provided, the City generally uses its estimated incremental borrowing rate as the discount rate for SBITAs.
- The subscription term includes the non-cancellable period of the arrangement. SBITA payments included in the measurement of the SBITA liability are composed of fixed payments made during the subscription term.

The City monitors changes in circumstances that would require a remeasurement of its SBITA liability and related asset and will remeasure the SBITA asset and liability if certain changes occur that are expected to significantly affect the amount of the SBITA liability. SBITA assets are reported with other capital assets and SBITA liabilities are reported with long-term debt on the Statement of Net Position. Payments made on the SBITA liability are reported as debt service expenditures within the Statement of Revenues, Expenditures and Changes in Fund Balances.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

I. Property Tax

Calaveras County (the County) is responsible for assessing, collecting and distributing property taxes in accordance with enabling legislation. Revenue received is based on an allocation factor calculated by the County under the provisions of Proposition 13 plus a percentage of the increase in market value in specific areas. The City's property tax is levied each July 1 on the assessed values of the prior January 1 for all real or personal property located in the City. Property sold after the assessment date (January 1) is reassessed and the amount of property tax levied is prorated.

Secured property taxes are due in two equal installments; the first is due November 1 and delinquent with penalties after April 10. Unsecured property tax is levied on July 1 and due on July 31 and becomes delinquent on August 31.

Based on a policy by the County called the Teeter Plan, 100% of the allocated taxes are transmitted by the County to the City, eliminating the need for an allowance for uncollectible. The County, in return, receives all penalties and interest on the related delinquent taxes.

J. Balance Sheet Classifications

Certain resources are classified as restricted assets as their use is restricted for specific purposes by bond agreements, lease agreements, trust agreements, grant agreements, City Charter provisions, or other requirements. Governmental fund types of restricted assets are for future payments of other post-retirement employment benefits. Proprietary fund type restricted assets are for grant/bond reserve requirements and future payments of other post-employment benefits.

K. Pensions

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the City's California Public Employees' Retirement System (CalPERS) plans (Plans) and additions to/deductions from the Plans' fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

L. Compensated Absences

City employees accumulate vacation pay in varying amounts as services are provided. All outstanding vacation pay is payable upon termination of employment. In the governmental funds, the amount of vacation pay recognized during the year is the amount liquidated with expendable available financial resources. In the Proprietary Funds, the amount of vacation pay recognized is the amount earned during the year.

City employees accrue sick leave in varying amounts as services are provided. Sick leave benefits do not vest with employees. Unused sick leave shall be accumulated from year to year. Upon retirement, unused sick leave may be credited as service time as provided in the City's contract with PERS.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

M. Intergovernmental Revenues

Federal and state governments reimburse the City for costs incurred on certain fixed asset construction projects under capital grant agreements. Amounts claimed under such grants are credited to intergovernmental revenues if the project is being administered by a Capital Projects Fund. Additionally, the City receives reimbursement from federal and state governments for other programs, such as housing and rehabilitation. These reimbursements are recorded in the fund administering the program as intergovernmental revenues with the related program costs included in expenditures.

The respective grant agreements generally require the City to maintain accounting records and substantiating evidence to determine if all costs incurred and claimed are proper and that the City is in compliance with other terms of the grant agreements. These records are subject to audit by the appropriate government agency. Any amounts disallowed will reduce future claims or be directly recovered from the City.

N. Net Position

The government-wide and proprietary fund financial statements utilize a net position presentation. Net position is categorized as invested in capital assets (net of related debt), restricted, and unrestricted.

Net investment in capital assets – Consists of capital assets including restricted capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes or other borrowings that are attributable to the acquisition, construction or improvement of those assets.

Restricted – Consists of net position with constraints on their use either by 1) external groups such as creditors, grantors, contributors or laws or regulations of other governments; or 2) law through constitutional provisions or enabling legislation. These principally include restrictions for capital projects, debt service requirements and other special revenue fund purposes.

Unrestricted – All other net position that do not meet the definition of “restricted” or “invested in capital assets, net of related debt”.

O. Fund Balances

As prescribed by GASB Statement No. 54, governmental fund balance in classifications based primarily on the extent to which the City is bound to honor constraints on the specific purposes for which amounts in the funds can be spent. Fund balances for governmental funds are made up of the following:

Nonspendable – includes amounts that are a) not in spendable form, or b) legally or contractually required to be maintained intact. The “not in spendable form” criterion includes items that are not expected to be converted to cash, for example: inventories, prepaid amounts, and long-term notes receivable.

Restricted – includes amounts that can be spent for specific purposes stipulated by external resource providers, constitutionally or through enabling legislation. Restrictions may effectively be changed or lifted only with the consent of resource providers.

Committed – includes amounts that can only be used for the specific purposes determined by a formal action of the City’s highest level of decision-making authority, the City Council. Commitments may be changed or lifted only by the City taking the same formal action that imposed the constraint originally (for example: resolution and ordinance).

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

O. Fund Balances (Continued)

Assigned – comprises amounts intended to be used by the City for specific purposes that are neither restricted nor committed. Intent is expressed by 1) the City Council or 2) a body (for example: a budget or finance committee) or official to which the City Council has delegated the authority to assign amounts to be used for specific purposes.

Unassigned – is the residual classification for the General Fund and includes all amounts not contained in other classifications. Unassigned amounts are technically available for any purpose. In other governmental funds, if expenditures incurred for specific purposes exceeded the amounts restricted, committed, or assigned to those purposes, that fund would report a negative unassigned fund balance.

P. Leases

Lessee: The City recognizes lease liability and an intangible right-to-use lease asset (lease asset) in the government-wide financial statements. The City recognizes lease liabilities with an initial, individual value of \$5,000 or more.

At the commencement of a lease, the City initially measures the lease liability at the present value of payments expected to be made during the lease term. Subsequently, the lease liability is reduced by the principal portion of lease payments made. The lease asset is initially measured as the initial amount of the lease liability, adjusted for lease payments made at or before the lease commencement date, plus certain initial direct costs. Subsequently, the lease asset is amortized on a straight-line basis over its useful life.

Key estimates and judgments related to leases include how the City determines (1) the discount rate it uses to discount the expected lease payments to present value, (2) lease term, and (3) lease payments.

- The City uses the interest rate charged by the lessor as the discount rate. When the interest rate charged by the lessor is not provided, the City generally uses its estimated incremental borrowing rate as the discount rate for leases.
- The lease term includes the noncancellable period of the lease. Lease payments included in the measurement of the lease liability are composed of fixed payments and purchase option price that the City is reasonably certain to exercise.

The City monitors changes in circumstances that would require a remeasurement of its lease and will remeasure the lease asset and liability if certain changes occur that are expected to significantly affect the amount of the lease liability.

Lease assets are reported with other capital assets and lease liabilities are reported with long-term debt on the statement of net position.

Lessor: The City is a lessor for noncancellable leases of various city owned properties. The City recognizes a lease receivable and a deferred inflow of resources in the government-wide and governmental fund financial statements.

At the commencement of a lease, the City initially measures the lease receivable at the present value of payments expected to be received during the lease term. Subsequently, the lease receivable is reduced by the principal portion of lease payments received. The deferred inflow of resources is initially measured as the initial amount of the lease receivable, adjusted for lease payments received at or before the lease commencement date. Subsequently, the deferred inflow of resources is recognized as revenue over the life of the lease term.

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

P. Leases (Continued)

Key estimates and judgments include how the City determines (1) the discount rate it uses to discount the expected lease receipts to present value, (2) lease term, and (3) lease receipts.

- The City uses its estimated incremental borrowing rate as the discount rate for leases.
- The lease term includes the noncancellable period of the lease. Lease receipts included in the measurement of the lease receivable is composed of fixed payments from the lessee.

The City monitors changes in circumstances that would require a remeasurement of its lease and will remeasure the lease receivable and deferred inflows of resources if certain changes occur that are expected to significantly affect the amount of the lease receivable.

Q. Encumbrances

The City does not use encumbrance accounting.

R. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenditures (expenses) during the reporting period. Actual results could differ from those estimates.

NOTE 2 – CASH AND INVESTMENTS

The City maintains a cash and investment pool that is available for use by all funds. Each fund type's portion of this pool is displayed on the balance sheet as cash and investments. Unless otherwise dictated by legal or contractual requirements, income earned or losses arising from the investment of pooled cash are allocated on a quarterly basis to the participating funds and component units based on their proportionate shares of the average quarterly cash balance.

Cash and investments at June 30, 2024 are classified in the accompanying financial statements as follows:

	Government-Wide Statement of Net Position			Total
	Governmental Activities	Business-Type Activities	Fiduciary Funds	
Cash and investments	\$ 7,648,415	\$ 19,455,164	\$ 824,648	\$ 27,928,227
Cash and investments consist of the following as of June 30, 2024:				
Cash on hand		\$ 850		
Deposits with financial institutions		1,053,899		
Investments		26,873,478		
Total cash and investments		\$ 27,928,227		

NOTE 2 – CASH AND INVESTMENTS (Continued)

A. Investments Authorized by the California Government Code and the Entity's Investment Policy

The table below identifies the investment types that are authorized for the City of Angels by the California Government Code (or the City's investment policy, where more restrictive). The table also identifies certain provisions of the California Government Code (or the City's investment policy, where more restrictive) that address interest rate risk, credit risk and concentration of credit risk. This table does not address investments of debt proceeds held by bond trustees that are governed by the provisions of debt agreements of the City, rather than the general provisions of the California Government Code or the City investment policy.

Authorized Investment Type	Maximum Maturity	Percentage of Portfolio	Investment in One Issuer
Investment pools authorized under CA Statutes governed by Government Code	N/A	None	\$40 million
U.S. Treasury Obligations	5 years	None	None
Bank Savings Accounts	N/A	25%	None
Federal Agencies	5 years	75%	None
Commercial Paper	180 days	20%	None
Negotiable Certificates of Deposit	180 days	20%	None
Re-purchase Agreements	180 days	20%	None
Corporate Debt	5 years	25%	None

B. Disclosures Relating to Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of all investments. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market interest rates. Information about the sensitivity of the fair values of the City's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the City's investment maturity:

Investment Type	Remaining Maturity (in Months)				
	Total	12 Months or Less	13 to 24 Months	25 to 60 Months	More than 60 Months
Local Agency Investment Fund	\$ 6,674,880	\$ 6,674,880	\$ -	\$ -	\$ -
Money Market	9,674,652	9,674,652	-	-	-
Certificates of Deposits	10,523,946	10,523,946	-	-	-
Total	\$ 26,873,478	\$ 26,873,478	\$ -	\$ -	\$ -

NOTE 2 – CASH AND INVESTMENTS (Continued)

C. Disclosures Relating to Credit Risk

Investment Type	Total	Rating as of Year-End		
		AAA	AAAm	Not Rated
Local Agency Investment Fund	\$ 6,674,880	\$ -	\$ -	\$ 6,674,880
Money Market	9,674,652	-	-	9,674,652
Certificates of Deposits	10,523,946	-	-	10,523,946
Total	<u>\$ 26,873,478</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 26,873,478</u>

D. Concentrations of Credit Risk

The investment policy of the City contains limitations on the amount that can be invested in any one issuer. There are no investments to one issuer exceeding those limits.

E. Custodial Credit Risk

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposit or will not be able to recover collateral securities that are in the possession of an outside party. The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment of collateral securities that are in the possession of another party. The California Government Code and the City's investment policy does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits; the California Government Code requires that a financial institution secured deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the government unit). The fair value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure the City's deposits by pledging first deed mortgage notes having a value of 150% of the secured public deposits.

At June 30, 2024, the City's deposits balance was \$1,055,877 and the carrying amount was \$1,122,113. The difference between the bank balance and the carrying amount was due to outstanding checks and deposits in transit. Of the bank balance \$250,000 was covered by the Federal Depository Insurance or by collateral held in the pledging bank's trust department in the City's name and the remaining balance was collateralized with pledged securities.

F. Investment in State Investment Pool

The City is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by California Government Code Section 16429 under the oversight of the Treasurer of the State of California. The fair value of the City's investment in this pool is reported in the accompanying financial statements at amount based upon the City's pro-rata share of the amortized cost provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of the portfolio). The balance available for withdrawal is based in the accounting records maintained by LAIF, which are recorded on an amortized cost basis. Although the City did not participate in any securities lending transactions or enter into any reverse repurchase agreements during the year, the City does have an investment in LAIF in the amount of \$6,674,880. The Local Investment Advisory Board (Board) has oversight responsibility for LAIF. The Board consists of five members designated by State statute. The value of the pool shares in LAIF, which may be withdrawn, is determined on an amortized cost basis, which is different from the fair value of the City's position in the pool.

NOTE 3 – CAPITAL ASSETS

Capital asset activity of the governmental activities for the year ended June 30, 2024 was as follows:

	Balance July 1, 2023	Additions	Reductions	Balance June 30, 2024
Capital assets, not being depreciated:				
Land	\$ 1,346,643	\$ 60,620	\$ -	\$ 1,407,263
Construction in progress	7,098,775	816,472	-	7,915,247
Total capital assets, not being depreciated	<u>8,445,418</u>	<u>877,092</u>	<u>-</u>	<u>9,322,510</u>
Capital assets, being depreciated:				
Buildings and improvements	1,135,833	145,261	-	1,281,094
Equipment and vehicles	2,720,041	549,419	-	3,269,460
Infrastructure	3,964,462	42,420	-	4,006,882
Total capital assets, being depreciated	<u>7,820,336</u>	<u>737,100</u>	<u>-</u>	<u>8,557,436</u>
Less accumulated depreciation for:				
Buildings and improvements	(803,981)	(23,423)	-	(827,404)
Equipment and vehicles	(1,970,363)	(356,422)	-	(2,326,785)
Infrastructure	(2,517,578)	(159,455)	-	(2,677,033)
Total accumulated depreciation	<u>(5,291,922)</u>	<u>(539,300)</u>	<u>-</u>	<u>(5,831,222)</u>
Total capital assets being depreciated, net	<u>2,528,414</u>	<u>197,800</u>	<u>-</u>	<u>2,726,214</u>
Governmental activities capital assets, net	<u>\$ 10,973,832</u>	<u>\$ 1,074,892</u>	<u>\$ -</u>	<u>\$ 12,048,724</u>

Depreciation expense was charged to the following functions/programs of the governmental activities of the primary government as follows:

Governmental Activities:	
General government	\$ 76,586
Public safety	248,836
Streets and roads	<u>213,878</u>
Total depreciation expense - governmental activities	<u>\$ 539,300</u>

NOTE 3 – CAPITAL ASSETS (Continued)

Capital assets activity of the business-type activities ended June 30, 2024 was as follows:

	Balance July 1, 2023	Additions	Reductions	Balance June 30, 2024
Capital assets, not being depreciated:				
Land	\$ 116,515	\$ -	\$ -	\$ 116,515
Construction in progress	831,757	27,079	-	858,836
Total capital assets, not being depreciated	948,272	27,079	-	975,351
Capital assets, being depreciated:				
Buildings and improvements	22,675,045	-	-	22,675,045
Equipment	1,631,663	116,371	-	1,748,034
Site improvements	4,428,037	-	-	4,428,037
Total capital assets, being depreciated	28,734,745	116,371	-	28,851,116
Less accumulated depreciation for:				
Buildings and improvements	(11,258,653)	(547,543)	-	(11,806,196)
Equipment	(1,408,404)	(78,970)	-	(1,487,374)
Site improvements	(2,724,838)	(113,827)	-	(2,838,665)
Total accumulated depreciation	(15,391,895)	(740,340)	-	(16,132,235)
Total capital assets being depreciated, net	13,342,850	(623,969)	-	12,718,881
Business-type activities capital assets, net	\$ 14,291,122	\$ (596,890)	\$ -	\$ 13,694,232

Depreciation expense was charged to the following functions/programs of the business-type activities of the City as follows:

Business-Type Activities:	
Water	\$ 119,998
Sewer	620,342
Total depreciation expense - business-type activities	\$ 740,340

NOTE 4 – LOANS/NOTES RECEIVABLE

Loans receivable in the amount of \$511,716 reported in the non-major governmental funds consisted of mortgage loans for housing and property rehabilitation and construction.

The City entered into a promissory note receivable in the amount of \$49,644 effective September 1, 2017 and payable in 36 monthly installments of \$500. After the initial 36 monthly payments interest of 3.25% will start accruing on the remaining balance of \$41,644 which will be payable in 60 payments of \$753 due on the first of each month.

NOTE 5 – LEASES

In 2017, the City began leasing one of its buildings to a third party. The initial lease agreement was for five years and has been renewed to extend through 2033. Under the terms of the lease, the City will receive monthly payments of \$2,515. As of June 30, 2024, the City's receivable for lease payments was \$246,799 and the related deferred inflow of resources was \$188,193.

In 2020, the City began leasing one of its buildings to a third party for five years. The City will receive monthly payments of \$783 under the terms of the lease. As of June 30, 2024, the City's receivable for lease payments was \$10,736 and the balance of the deferred inflow of resources was \$9,982.

In 2020, the City began leasing a parcel of land to a third party for five years. The City will receive annual payments of \$7,500 under the terms of the lease. As of June 30, 2024, the City's receivable for lease payments was \$7,264 and the balance of the deferred inflow of resources was \$7,043.

The city recognized \$30,685 in lease revenue and \$8,732 in interest revenue during the current fiscal year related to these leases.

NOTE 6 – LONG-TERM LIABILITIES

A summary of the changes in the City’s long-term liabilities reported in the governmental activities column of the government-wide financial statements for the year ended June 30, 2024:

	Balance 7/1/2023	Additions	Retirements/ Adjustments	Balance 6/30/2024	Due Within One Year	Due in More Than One Year
Compensated absences	\$ 95,709	\$ 76,746	\$ (88,609)	\$ 83,846	\$ 83,846	\$ -
Finance purchases	4,256	-	(4,256)	-	-	-
Total	<u>\$ 99,965</u>	<u>\$ 76,746</u>	<u>\$ (92,865)</u>	<u>\$ 83,846</u>	<u>\$ 83,846</u>	<u>\$ -</u>

Long-term debt payable at June 30, 2024 was comprised of the following individual issue:

A. Finance Purchases

Vehicle Finance Purchases

In November 2018, the City entered into an agreement with Municipal Management, Inc. to lease purchase one police vehicle in the amount of \$31,512. The lease was secured by the related property. The City made 60 monthly payments of \$605 each with interest at 5.70%. During fiscal year 2024, all remaining amounts were paid off.

Business-Type Activities

A summary of the changes in the City’s long-term business-type liabilities reported in the proprietary funds statement of net position and the business-type activities column of the government-wide financial statements for the year ended June 30, 2024:

	Balance 7/1/2023	Additions	Retirements/ Adjustments	Balance 6/30/2024	Due Within One Year	Due in More Than One Year
Compensated absences	\$ 42,744	\$ 31,937	\$ (24,881)	\$ 49,800	\$ 20,365	\$ 29,435
Dept. of Water Resources revolving loan	121,884	-	(14,710)	107,174	14,857	92,317
Loan payable	<u>2,612,417</u>	<u>-</u>	<u>(259,907)</u>	<u>2,352,510</u>	<u>263,644</u>	<u>2,088,866</u>
Total	<u>\$ 2,777,045</u>	<u>\$ 31,937</u>	<u>\$ (299,498)</u>	<u>\$ 2,509,484</u>	<u>\$ 298,866</u>	<u>\$ 2,210,618</u>

NOTE 6 – LONG-TERM LIABILITIES (Continued)

B. 2017 Refinancing Loan Agreement

On May 4, 2017, the City borrowed \$4,043,725 to refund the United States Department of Agriculture Rural Development Loan. The semi-annual payments are due on September 1 and March 1 each year and the loan matures on March 1, 2032. The loan is considered a direct placement under GASB88 and under certain conditions such as nonpayment, may be considered immediately due and payable. The loan calls for annual payments between \$320,789 and \$331,102 and carries a 2.73% interest rate as follows:

Year Ending June 30	Principal	Interest	Total
2025	\$ 267,379	\$ 55,048	\$ 322,427
2026	274,841	47,494	322,335
2027	282,295	39,737	322,032
2028	289,740	31,776	321,516
2029	297,176	23,613	320,789
2030-2032	941,079	21,890	962,969
Total	<u>\$ 2,352,510</u>	<u>\$ 219,558</u>	<u>\$ 2,572,068</u>

C. State of California Department of Water Resources Revolving Loan

The City entered into a revolving loan agreement with the State of California Department of Water Resources in March 2011. The agreement provides for a loan of up to \$3,372,800 for sewer system upgrades. Upon project completion \$3,086,400 of this loan was forgiven through the receipt of a federal grant in the same amount. The final loan of \$286,400 bears interest at 1% per annum with repayment beginning September 1, 2011 over a twenty-year period. The loan is considered a direct placement under GASB88 and under certain conditions such as nonpayment, may be considered immediately due and payable. The note calls for annual payments of \$15,959 including interest at 1% until September 2030 as follows:

Year Ending June 30	Principal	Interest	Total
2025	\$ 14,857	\$ 1,072	\$ 15,929
2026	15,006	923	15,929
2027	15,156	773	15,929
2028	15,308	622	15,930
2029	15,461	468	15,929
2030-2031	31,386	472	31,858
Total	<u>\$ 107,174</u>	<u>\$ 4,330</u>	<u>\$ 111,504</u>

NOTE 7 – DEFINED BENEFIT PENSION COST-SHARING EMPLOYER PLAN

A. General Information about the Pension Plans

Plan Descriptions

All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost Sharing Multiple-Employer Plan (the Plan) administered by the California Public Employees’ Retirement System (CalPERS). The Plan consists of individual rate plans (benefit tiers) within a safety risk pool (police and fire) and a miscellaneous risk pool (all others). Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not separate plans under GASB Statement No. 68. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The City sponsors six rate plans (two miscellaneous and four safety). Benefit provisions under the Plan are established by State statute and City resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

Benefits Provided

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full-time employment. Members with five years of total service are eligible to retire between the ages 50 and 57, dependent upon the individual plan criteria, with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 10 years of service. The death benefit is one of the following: the Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost-of-living adjustments for each plan are applied as specified by the Public Employees’ Retirement Law.

The Plans’ provisions and benefits in effect at June 30, 2024, are summarized as follows:

	Miscellaneous 1st Tier	Miscellaneous PEPPRA
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2.70% @ 55	2.00% @ 62
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	50-55	52-57
Monthly benefits, as a % of eligible compensation	2.00% to 2.70%	1.00% to 2.50%
Required employee contribution rates	8.00%	7.75%
Required employer contribution rates	15.95%	7.68%
	Safety Police 1st Tier	Safety PEPPRA Police
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	3.00% @ 50	2.70% @ 57
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	50	50-57
Monthly benefits, as a % of eligible compensation	3.00%	2.00% to 2.70%
Required employee contribution rates	9.00%	13.75%
Required employer contribution rates	25.65%	13.54%
	Safety Fire 1st Tier	Safety PEPPRA Fire
	On or after January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2.00% @ 55	2.70% @ 57
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	50-55	50-57
Monthly benefits, as a % of eligible compensation	1.426% to 2.00%	2.00% to 2.70%
Required employee contribution rates	7.00%	11.00%
Required employer contribution rates	16.45%	10.85%

NOTE 7 – DEFINED BENEFIT PENSION COST-SHARING EMPLOYER PLAN (Continued)

A. General Information about the Pension Plans (Continued)

Benefits Provided (Continued)

Beginning in fiscal year 2016, CalPERS collects employer contributions for the Plan as a percentage of payroll for the normal cost portion as noted in the rates above and as a dollar amount for contributions toward the unfunded liability. The dollar amounts are billed on a monthly basis.

Contributions

Section 20814(c) of the California Public Employees’ Retirement Law (PERL) requires that the employer rates for all public employers are determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. The total plan contributions are determined through CalPERS’ annual actuarial valuation process. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The City is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. Employer contribution rates may change if plan contracts are amended. Payments made by the employer to satisfy contribution requirements that are identified by the pension plan terms as plan member contribution requirements are classified as plan member contributions.

The City’s contributions to the plan recognized as a part of pension expense for the year ended June 30, 2024 were \$436,894 for the miscellaneous plan and \$469,334 for the safety plan.

B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2024, the City reported net pension liabilities for its proportionate shares of the net pension liability of the Plan as follows:

	Proportionate Share of Net Pension Liability
Miscellaneous Plans	\$ 4,366,317
Safety Plans	\$ 3,056,371

The City’s net pension liability for each Plan is measured as the proportionate share of the net pension liability. The net pension liability of each of the Plans is measured as of June 30, 2023, and the total pension liability for each Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2022 rolled forward to June 30, 2023 using standard update procedures. The City’s proportion of the net pension liability was based on a projection of the City’s long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

The City’s proportionate share of the net pension liability as of June 30, 2022 and 2023 was as follows:

	Miscellaneous Plans	Safety Plans
Proportion - June 30, 2022	0.088903%	0.041158%
Proportion - June 30, 2023	0.087319%	0.040888%
Change - Increase (Decrease)	(0.00001584)	(0.00000270)

NOTE 7 – DEFINED BENEFIT PENSION COST-SHARING EMPLOYER PLAN (Continued)

B. Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions (Continued)

For the year ended June 30, 2024, the City recognized a combined pension expense of \$1,177,599. At June 30, 2024, the City reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to the measurement date	\$ 906,228	\$ -
Changes of assumptions	441,988	-
Differences between actual and expected experience	447,449	53,811
Net differences between projected and actual earnings on retirement plan investments	1,125,208	-
Changes in employer's proportion	10,201	47,651
Differences between the employer's actual contributions and the employer's proportionate share of contributions	<u>82,742</u>	<u>188,860</u>
Total	<u>\$ 3,013,816</u>	<u>\$ 290,322</u>

At June 30, 2024, the City reported \$906,228 as deferred outflows of resources related to pensions resulting from City Contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2025. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Year Ending June 30	
2025	\$ 529,888
2026	374,680
2027	880,735
2028	31,963
2029	<u>-</u>
Total	<u>\$ 1,817,266</u>

NOTE 7 – DEFINED BENEFIT PENSION COST-SHARING EMPLOYER PLAN (Continued)

C. Actuarial Assumptions

The total pension liabilities in the June 30, 2022 actuarial valuation report was determined using the following actuarial assumptions:

Valuation Date	June 30, 2022
Measurement Date	June 30, 2023
Actuarial Cost Method	Entry- Age Normal Cost Method
Actuarial Assumptions:	
Discount Rate	6.90%
Inflation	2.30%
Payroll Growth	2.80%
Projected Salary Increase	Varies by Entry Age and Service
Investment Rate of Return	6.90% ⁽¹⁾
Mortality	Derived using CalPERS' Membership Data for all Funds ⁽²⁾

⁽¹⁾ Net of pension plan investment expenses, including inflation.

⁽²⁾ The mortality table was developed based on CalPERS specific data.
The rates incorporate Generational Mortality to capture ongoing mortality improvement using 80% of Scale MP 2020 Published by the Society of Actuaries.

The underlying mortality assumptions and all other actuarial assumptions used in the June 30, 2022 valuation were based on the results of December 2017 actuarial experience study for the period 1997 to 2015. Further details of the Experiences Study can be found on the CalPERS website.

Changes of Assumptions – There were no changes of assumptions in 2023. Effective with the June 30, 2021 valuation date (2022 measurement date), the accounting discount rate was reduced from 7.15% to 6.90%. In determining the long-term expected rate of return, CalPERS took into account long-term market return expectations as well as the expected pension fund cash flows. Projected returns for all asset classes are estimated, combined with risk estimates, and are used to project compound (geometric) returns over the long term. The discount rate used to discount liabilities was informed by the long-term projected portfolio return. In addition, demographic assumptions and the inflation rate assumption were changed in accordance with the 2022 CalPERS Experience Study and Review of Actuarial Assumptions.

D. Discount Rate

The discount rate used to measure the total pension liability for PERF C was 6.90%. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made at statutorily required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimated ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

NOTE 7 – DEFINED BENEFIT PENSION COST-SHARING EMPLOYER PLAN (Continued)

D. Discount Rate (Continued)

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected PERF cash flows. Using historical returns of all the funds' asset classes, expected compound (geometric) returns were calculated over the short-term (first 10 years) and the long-term (11+ years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and adjusted to account for assumed administrative expenses.

The expected real rates of return by asset class are as follows:

Asset Class	Assumed Asset Allocation	Real Return Years 1-10(a,b)
Global Equity - Cap-weighted	30.00%	4.54%
Global Equity - Non-Cap-weighted	12.00%	3.84%
Private Equity	13.00%	7.28%
Treasury	5.00%	0.27%
Mortgage-backed Securities	5.00%	0.50%
Investment Grade Corporates	10.00%	1.56%
High Yield	5.00%	2.27%
Emerging Market Debt	5.00%	2.48%
Private Debt	5.00%	3.57%
Real Assets	15.00%	3.21%
Leverage	-5.00%	-0.59%

(a) An expected inflation of 2.30% used for this period

(b) Figures are based on the 2022 Asset Liability Management study.

E. Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following presents the City's proportionate share of the net pension liability for each Plan, calculated using the discount rate for each Plan, as well as what the City's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than that current rate:

	1% Decrease (5.90%)	Current Discount Rate (6.90%)	1% Increase (7.90%)
Miscellaneous Plans	\$ 6,467,473	\$ 4,366,317	\$ 2,636,885
Safety Plans	\$ 4,534,097	\$ 3,056,371	\$ 1,848,225

F. Pension Plan Fiduciary Net Position

Detailed information about the Plan's fiduciary net position is available in the separately issued CalPERS financial reports.

G. Payable to the Pension Plan

The City had \$21,442 of outstanding contributions payable to the pension plan as of June 30, 2024.

NOTE 8 – POST-RETIREMENT HEALTHCARE BENEFITS

A. Plan Description

City of Angels Camp Post-Retirement Healthcare Plan is a single-employer defined benefit healthcare plan administered by CalPERS. CalPERS provides medical insurance benefits only to eligible retirees and their eligible dependents. The City approved post-retirement health insurance benefits for all of its employees under the Public Employee’s Medical and Hospital Care Act (PEMHCA).

B. Benefits Provided

The City Council passed a resolution to establish health benefit vesting requirements for future retirees under public employees’ medical and hospital care act. For full time employees, if additional conditions are satisfied, the City contributes greater amounts, instead of the minimum employer contributions (MEC) whereas a) if an employee retired prior to July 1, 2009 and met eligibility requirements in effect at that time, the City contributes 50% of PERS select premium for the retiree and spouse for their lifetime, or b) an employee who is hired full time by the City of Angels Camp for 5 years or longer prior to July 1, 2009 or 10 years or longer after July 1, 2009 and who has met other vesting requirements, shall receive up to a maximum 50% of the health benefit for the retiree lifetime only.

C. Funding Policy

The contribution requirements of plan members and the City are established and amended by the City. The required contribution is based on projected pay-as-you-go financing requirements. As of June 30, 2023 the City Council approved the public Agency Retirement Services (PARS) irrevocable trust to fund the OPEB obligation.

D. Plan Membership

At the OPEB liability measurement date of June 30, 2024, the following employees were covered by the benefit terms:

Retirees currently receiving benefit payments	15
Active employees	<u>29</u>
Total	<u>44</u>

Net OPEB Liability

At June 30, 2024, the City reported a net OPEB liability of \$2,161,090. The net OPEB liability was measured from July 1, 2023 to June 30, 2024 and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation date of June 30, 2022.

NOTE 8 – POST-RETIREMENT HEALTHCARE BENEFITS (Continued)

E. Actuarial Methods and Assumptions

The City’s Net OPEB Liability was measured as of June 30, 2024 and the Total OPEB Liability used to calculate the Net OPEB Liability was determined by an actuarial valuation as of June 30, 2022. Standard actuarial update procedures were used to project/discount from valuation to measurement dates.

The total OPEB liability was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Valuation Date	June 30, 2022
Measurement Date	June 30, 2023 to June 30, 2024
Actuarial Assumptions:	
Actuarial cost method	Entry Age, Level Percent of Pay
Valuation of fiduciary net position	Fair value of assets
Discount Rate	4.24%
Inflation rate	2.50%
Salary increase	3.00%
Healthcare trend rates	3.94% to 5.30%
Investment Rate of Return	5.25%, net of OPEB plan investment expense

Actuarial assumptions used in the June 30, 2022 valuation were based on a review of plan experience during the period July 1, 2020 to June 30, 2022.

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which expected future real rates of return (expected returns, net of investment expense and inflation) are developed for each major asset class. The calculated investment rate of return was set equal to the expected ten-year compound (geometric) real return plus inflation (rounded to the nearest 25 basis points, where appropriate). The table below provides the long-term expected real rates of return by asset class (based on published capital market assumptions).

Asset Class	Assumed Asset Allocation	Real Rate of Return
Broad U.S. Equity	30%	4.40%
U.S. Fixed	65%	1.80%
Cash Equivalents	5%	0.20%

NOTE 8 – POST-RETIREMENT HEALTHCARE BENEFITS (Continued)

F. Changes in the Net OPEB Liability

The table below shows the changes in the total OPEB liability, the Plan Fiduciary Net Position (i.e., fair value of Plan assets), and the net OPEB liability during the measurement period ended June 30, 2024.

Total OPEB Liability	
Service cost	\$ 183,507
Interest	102,263
Changes in assumptions	(24,423)
Benefits payments, including refunds ¹	(113,044)
Net change in total OPEB liability	148,303
Total OPEB liability - beginning (a)	2,324,791
Total OPEB liability - ending (b)	\$ 2,473,094
Plan fiduciary net position	
Contributions - employer	\$ 113,044
Net investments income (loss)	25,512
Benefit payments ¹	(113,044)
Administrative expense	(1,719)
Net change in plan fiduciary net position	23,793
Plan fiduciary net position - beginning (c)	288,211
Plan fiduciary net position - ending (d)	\$ 312,004
Net OPEB liability - beginning (a) - (c)	\$ 2,036,580
Net OPEB liability - ending (b) - (d)	\$ 2,161,090

¹ Amount includes any implicit subsidy associated with benefits paid.

G. Sensitivity of the Net OPEB Liability to Changes in the Discount Rate

The following presents the City's share of the net OPEB liability if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	1% Decrease (3.24%)	Discount Rate (4.24%)	1% Increase (5.24%)
Net OPEB liability (asset)	\$ 2,544,791	\$ 2,161,090	\$ 1,846,180

H. Sensitivity of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rates

The following presents the net OPEB liability, as well as what the net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	1% Decrease	Trend Rate	1% Increase
Net OPEB liability (asset)	\$ 1,742,490	\$ 2,161,090	\$ 2,702,929

NOTE 8 – POST-RETIREMENT HEALTHCARE BENEFITS (Continued)

I. OPEB Expense and Deferred Outflows and Deferred Inflows of Resources Related to OPEB

For the fiscal year ended June 30, 2024, the City recognized an OPEB credit of \$117,035. OPEB credit represents the change in the net OPEB liability during the measurement period, adjusted for actual contributions and the deferred recognition of changes in investment gain/loss, and actuarial assumptions or methods. At June 30, 2024, the City reported deferred outflows and inflows of resources related to OPEB from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Differences between expected and actual experience	\$ -	\$ (772,083)
Changes of assumptions or other inputs	348,261	(1,786,569)
Net differences between projected and actual return on OPEB investments	-	(7,900)
Total	<u>\$ 348,261</u>	<u>\$ (2,566,552)</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Measurement Period Ending June 30	
2025	\$ (389,438)
2026	(389,438)
2027	(435,068)
2028	(503,640)
2029	(494,214)
Thereafter	<u>(6,493)</u>
Total	<u>\$ (2,218,291)</u>

NOTE 9 – DEFERRED INFLOWS OF RESOURCES

Deferred inflows of resources in governmental funds arise when potential revenue does not meet the “available” criteria for recognition in the current period. Deferred inflows of resources (unavailable revenue in accrual-based statements) also arises when resources are received by the City before it has a legal claim to them (i.e., when grant monies are received prior to the incurrence of qualifying expenditures).

NOTE 10 – INTERFUND TRANSACTIONS

Transfers are used to (1) move revenues from the fund required by statute or budget to collect them to the fund required by statute or budget to expend them, and (2) use unrestricted revenues collected in the General Fund to finance various programs accounted for in other funds in accordance with budgetary authorizations.

A. Receivables and Payables

Balances representing lending/borrowing transactions between funds outstanding at the fiscal year end are reported as either “due from/due to other funds” (amounts due within one year), “advances to/from other funds” (non-current portions of interfund lending/borrowing transactions), or “loans to/from other funds” (long-term lending/borrowing transactions evidenced by loan agreements). Advances and loans to other funds are offset by a fund balance reserve in applicable governmental funds to indicate they are not available for appropriation and are not expendable available financial resources.

	Due from Other Funds	Due to Other Funds
Governmental Funds		
Major Funds:		
General Fund	336,500	-
Nonmajor Funds:		
Utica Power Authority	-	312,132
SB2 Housing Grant	-	13,647
Fire Impact Fees	-	10,721
Total	<u>\$ 336,500</u>	<u>\$ 336,500</u>

Interfund transactions for the fiscal year ended June 30, 2024, are summarized as follows:

Transfers	In	Out
Major Funds:		
General Fund	\$ 794,371	\$ -
Major Capital Projects Fund	101,803	-
Nonmajor Funds:		
Gas Tax	-	106,532
Utica Power Authority	-	98,787
Public Safety	-	166,080
TOT Emergency Service	-	147,987
TOT Roads	-	147,987
TOT Tourism	-	133,418
COVID ARPA	-	95,383
Total	<u>\$ 896,174</u>	<u>\$ 896,174</u>

Transfers to the General Fund noted during the year are to cover eligible expenditures reported in the General Fund, while the transfer to the Major Capital Projects Fund was related to the Sidewalk Repairs Downtown Project.

NOTE 11 – JOINT VENTURE – UTICA POWER AUTHORITY

The City of Angels entered into a joint exercise of powers agreement with Union Public Utility District (UPUD) for the purpose of purchasing and operating the Utica/Angels Hydro Electric Projects. Each of the member entities shall be responsible for paying one-half (1/2) of all UPA Project costs and liabilities, including annual operation, maintenance and replacement costs of the Project, and all costs of maintaining the Projects in compliance with requirements of the FERC or other regulatory authorities. The agreement establishes a separate and distinct entity, the Utica Power Authority (UPA). The UPA is not a component unit of the City.

NOTE 12 – RISK MANAGEMENT

The City participates with other public entities in a joint venture under a joint powers agreement which establishes the Central San Joaquin Valley Risk Management Authority (CSJVRMA). The relationship between the City and CSJVRMA is such that CSJVRMA is not a component unit of the City for financial reporting purposes.

The City is covered for the first \$1,000,000 of each general liability claim and \$500,000 of each worker's compensation claim through the CSJVRMA. The City has the right to receive dividends and the obligation to pay assessments based on a formula which, among other expenses, charges the City's account for liability losses under \$50,000 and workers' compensation losses under \$50,000. The CSJVRMA purchases excess reinsurance from \$1,000,000 to \$1,500,000 to the statutory limit.

The CSJVRMA is a consortium of 55 cities in San Joaquin Valley, California. It was established under the provisions of California Government Code Section 6500, et. Seq. The CSJVMRA is governed by a Board of Directors, which meets three to four times each year, consisting of one member appointed by each member city. The day-to-day business is handled by a management group employed by the CSJVRMA. The financial statements of CSJVRMA can be obtained at 1831 K Street, Sacramento, CA 95814.

The latest audited financial information and the most current information available for CSJVRMA is available at www.cjsvrma.org.

NOTE 13 – DEFICIT FUND BALANCE

The following funds contained a deficit fund balance or net position as of June 30, 2024. Future revenues or transfers from other funds are expected to offset these deficits.

Nonmajor Funds:

Local Transportation Fund	\$	(284,402)
SB2 Housing Grant		(13,647)
Fire Impact Fees		(10,721)

NOTE 14 – COMMITMENTS AND CONTINGENCIES

A. Contingent Liabilities

Amounts received or receivable from grant agencies are subject to audit and adjustment by grantor agencies. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenditures that may be disallowed by the grantor cannot be determined at this time, although the City expects such amounts, if any, to be immaterial.

In the normal course of business, the City is subject to various lawsuits. Defense of lawsuits is typically handled by the City's insurance carrier and losses, if any, are expected to be covered by insurance.

B. Commitments

During the year ended June 30, 2021, the City entered into an agreement with the Calaveras Visitors Bureau (the Bureau) whereby the Bureau leases the museum property from the City for \$1 per year. The City, in turn, agreed to pay the Bureau \$50,000 per year to operate the museum. The Bureau has agreed to use all revenues generated from performance of the services solely for performing the services, maintaining the museum, or making improvements to the museum. The term of the lease is from July 15, 2020 to July 15, 2025.

REQUIRED SUPPLEMENTARY INFORMATION

Budgetary Comparison Schedule
General Fund

	Budgeted Amount			Variance with
	Original	Final	Actual	Final Budget
REVENUES				
Taxes:				
Property - secured/unsecured	\$ 765,000	\$ 765,000	\$ 805,696	\$ 40,696
Sales	705,000	705,000	787,998	82,998
Transaction and usage tax	1,597,000	1,597,000	1,571,356	(25,644)
Transient occupancy	640,000	640,000	865,268	225,268
Total taxes	3,707,000	3,707,000	4,030,318	323,318
Licenses and permits:				
Business licenses	38,000	38,000	57,231	19,231
Building permits	309,000	309,000	134,579	(174,421)
Franchise fees	200,000	200,000	235,005	35,005
Total licenses and permits	547,000	547,000	426,815	(120,185)
Intergovernmental:				
Reimbursement - highway sweeping	4,622	4,622	2,311	(2,311)
Reimbursement - public safety	70,376	70,376	52,008	(18,368)
Grants	270,700	270,700	286,503	15,803
Total intergovernmental	345,698	345,698	340,822	(4,876)
Fines, forfeitures and penalties:				
Parking citations public safety reimbursements	10,400	10,400	6,567	(3,833)
Total fines, forfeitures and penalties	10,400	10,400	6,567	(3,833)
Charges for current services:				
Plan checking	50,000	50,000	13,557	(36,443)
Administrative fees	8,600	8,600	20,666	12,066
Other charges for services	15,000	15,000	29,417	14,417
	73,600	73,600	63,640	(9,960)
Use of money and property:				
Interest and investment income	120,000	120,000	289,583	169,583
Rent	47,058	47,058	72,226	25,168
Total use of money and property	167,058	167,058	361,809	194,751
Other:				
Miscellaneous - all others	1,500	15,567	17,095	1,528
Total other	1,500	15,567	17,095	1,528
Total revenues	4,852,256	4,866,323	5,247,066	380,743

CITY OF ANGELS | FOR THE YEAR ENDED JUNE 30, 2024

Section 10, Item A.

Budgetary Comparison Schedule

General Fund

(Continued)

	Budgeted Amount			Variance with
	Original	Final	Actual	Final Budget
EXPENDITURES				
Current:				
General government:				
City council	43,222	43,222	47,998	(4,776)
City attorney	70,000	70,000	134,057	(64,057)
Finance and administration	1,246,379	1,260,446	1,433,505	(173,059)
Total general government	1,359,601	1,373,668	1,615,560	(241,892)
Public ways and facilities/transportation:				
Engineering	170,000	170,000	82,059	87,941
Building and planning	800,016	800,016	535,665	264,351
Public works	386,287	419,087	403,979	15,108
Total public ways and facilities/transportation	1,356,303	1,389,103	1,021,703	367,400
Public safety:				
Fire	971,484	972,144	993,067	(20,923)
Police	2,234,619	2,234,619	2,055,514	179,105
Total public safety	3,206,103	3,206,763	3,048,581	158,182
Community development:				
Community support	284,990	284,990	229,510	55,480
Total community development	284,990	284,990	229,510	55,480
Debt service:				
Principal	-	-	4,750	(4,750)
Interest	-	-	692	(692)
Total debt service	-	-	5,442	(5,442)
Capital outlay:				
Structures and improvements	-	-	42,035	(42,035)
Equipment	489,935	457,135	359,661	97,474
Total capital outlay	489,935	457,135	401,696	55,439
Total expenditures	6,696,932	6,711,659	6,322,492	389,167
Excess (deficiency) of revenues over (under) expenditures	(1,844,676)	(1,845,336)	(1,075,426)	769,910
OTHER FINANCING SOURCES (USES)				
Operating transfers in	1,330,675	1,330,675	794,371	536,304
Total other financing sources (uses)	1,330,675	1,330,675	794,371	536,304
Net change in fund balances	\$ (514,001)	\$ (514,661)	(281,055)	\$ 1,306,214
Fund balances - beginning			5,248,048	
Fund balances - ending			\$ 4,966,993	

The accompanying notes are an integral part of this statement.

NOTE 1 – BUDGETS AND BUDGETARY ACCOUNTING

As required by the laws of the State of California, the City prepares and legally adopts a final balanced operating budget. Public hearings were conducted on the proposed final budget to review all appropriations and the sources of financing. Because the final budget must be balanced, any shortfall in revenue requires an equal reduction in financing requirements.

Budgets for the general, special revenue, debt service and capital project funds are adopted on the modified accrual basis of accounting. The budgets for the general and special revenue funds are the only legally adopted budgets. Budgets for the debt service, capital project funds and proprietary funds are used for management and control purposes only.

At the fund level, actual expenditures cannot exceed budgeted appropriations. In order to accommodate operational changes that may result during the course of a budget year, management can modify in line items of a budget, not to exceed 20% of said line item, with the limitation that the overall departmental budget shall not be exceeded without Council approval.

The budgetary data presented in the accompanying financial statements includes all revisions approved by the City Council.

NOTE 2 – EXCESS EXPENDITURES OVER APPROPRIATIONS

The City incurred expenditure in excess of appropriations in the following amounts for the year ended June 20, 2024.

Excess expenditures over appropriations:

General Fund:

Current:

General government:

City council	\$	4,776
City attorney		64,057
Finance and administration		173,059

Public safety:

Fire		20,923
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Debt service:

Interest		692
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Capital outlay:

Structures and improvements		42,035
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CITY OF ANGELS | FOR THE YEAR ENDED JUNE 30, 2024**Cost-Sharing Multiple-Employer Pension Plan – Schedule of Proportionate Share of Net Pension Liability
Last 10 Years**

	CalPERS Miscellaneous Plan									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
City's proportion of the net pension liability	0.07682%	0.08448%	0.08029%	0.08197%	0.07998%	0.08248%	0.09133%	0.10706%	0.08890%	0.08732%
City's proportionate share of the net pension liability (asset)	\$ 1,898,683	\$ 2,317,727	\$ 2,791,702	\$ 3,231,636	\$ 3,094,369	\$ 3,303,407	\$ 3,507,893	\$ 2,032,225	\$ 4,159,994	\$ 4,366,317
City's covered employee payroll	\$ 1,384,358	\$ 1,706,505	\$ 1,708,084	\$ 1,517,642	\$ 1,365,455	\$ 1,148,102	\$ 1,100,364	\$ 1,045,510	\$ 1,027,315	\$ 1,184,039
City proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	137.15%	135.81%	163.30%	212.91%	220.75%	287.67%	350.10%	194.44%	404.94%	368.76%
Plan fiduciary net position as a percentage of the total pension liability	79.41%	76.07%	75.94%	72.11%	75.04%	74.10%	72.63%	72.63%	73.11%	77.97%
	CalPERS Safety Plan									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
City's proportion of the net pension liability	0.04088%	0.03951%	0.03806%	0.03271%	0.03698%	0.03769%	0.04042%	0.04444%	0.04116%	0.41158%
City's proportionate share of the net pension liability (asset)	\$ 1,532,286	\$ 1,628,162	\$ 1,980,349	\$ 2,223,932	\$ 2,218,378	\$ 2,352,044	\$ 2,527,177	\$ 1,559,873	\$ 2,828,199	\$ 3,056,371
City's covered employee payroll	\$ 654,449	\$ 705,201	\$ 804,721	\$ 873,005	\$ 810,991	\$ 911,212	\$ 962,855	\$ 1,058,163	\$ 1,002,133	\$ 1,150,686
City proportionate share of the net pension liability (asset) as a percentage of its covered-employee payroll	234.33%	230.87%	244.95%	254.68%	267.53%	258.19%	279.67%	147.40%	282.22%	265.61%
Plan fiduciary net position as a percentage of the total pension liability	71.70%	75.06%	74.60%	70.01%	70.37%	69.78%	69.98%	69.98%	71.61%	74.87%

Notes to Schedule:**Change in Benefit Terms** None**Changes of Assumptions**

In 2022, SB 1168 increased the standard retiree lump sum death benefit from \$500 to \$2,000 for any death occurring on or after July 1, 2023. For pooled plans this is a Class 3 benefit and there is no normal costs surcharge. The impact on the unfunded liability is included in the pool's differences between expected and actual experience.

Cost-Sharing Multiple-Employer Pension Plan
Schedule of Contributions
Last 10 Years

	CalPERS Miscellaneous Plan									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Actuarially determined contribution	\$ 301,836	\$ 339,319	\$ 364,769	\$ 368,568	\$ 371,970	\$ 319,125	\$ 346,073	\$ 379,617	\$ 431,382	\$ 436,894
Contributions in relation to the actuarially determined contributions	<u>301,836</u>	<u>339,319</u>	<u>364,769</u>	<u>368,568</u>	<u>371,970</u>	<u>319,125</u>	<u>346,073</u>	<u>379,617</u>	<u>431,382</u>	<u>436,894</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered payroll	\$ 1,384,358	\$ 1,706,505	\$ 1,708,084	\$ 1,517,642	\$ 1,365,455	\$ 1,148,102	\$ 1,100,364	\$ 1,045,510	\$ 1,027,315	\$ 1,184,039
Contributions as a percentage of covered payroll	21.80%	19.88%	21.36%	24.29%	27.24%	27.80%	31.45%	36.31%	41.99%	36.90%
	CalPERS Safety Plan									
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Actuarially determined contribution	\$ 227,418	\$ 223,426	\$ 245,124	\$ 251,548	\$ 272,348	\$ 314,983	\$ 349,690	\$ 385,680	\$ 432,471	\$ 469,334
Contributions in relation to the actuarially determined contributions	<u>227,418</u>	<u>223,426</u>	<u>245,124</u>	<u>251,548</u>	<u>272,348</u>	<u>314,983</u>	<u>349,690</u>	<u>385,680</u>	<u>432,471</u>	<u>469,334</u>
Contribution deficiency (excess)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
Covered payroll	\$ 654,449	\$ 705,201	\$ 804,721	\$ 873,005	\$ 810,991	\$ 911,212	\$ 962,855	\$ 1,058,163	\$ 1,002,133	\$ 1,150,686
Contributions as a percentage of covered payroll	34.75%	31.68%	30.46%	28.81%	33.58%	34.57%	36.32%	36.45%	43.16%	40.79%

CITY OF ANGELS | FOR THE YEAR ENDED JUNE 30, 2024

Section 10, Item A.

Retiree Healthcare Plan (OPEB)
Schedule of Changes in Net OPEB Liability and Related Ratios
Last 10 Years*

	2018	2019	2020	2021	2022	2023	2024
Total OPEB Liability:							
Service cost	\$ 289,525	\$ 289,525	\$ 298,211	\$ 411,801	\$ 478,155	\$ 182,289	\$ 183,507
Interest on total OPEB liability	113,643	127,292	153,023	122,211	114,826	94,009	102,263
Changes of assumptions	-	-	867,042	81,974	(2,822,982)	11,873	(24,423)
Differences between expected and actual experience	-	-	-	(157,186)	(1,106,518)	-	-
Benefit payments, including refunds of employee contributions**	(63,938)	-	(31,950)	(82,431)	(72,697)	(92,700)	(113,044)
Net change in total OPEB liability	339,230	416,817	1,286,326	376,369	(3,409,216)	195,471	148,303
Total OPEB liability - beginning (a)	3,119,794	3,459,024	3,875,841	5,162,167	5,538,536	2,129,320	2,324,791
Total OPEB liability - ending (b)	<u>\$ 3,459,024</u>	<u>\$ 3,875,841</u>	<u>\$ 5,162,167</u>	<u>\$ 5,538,536</u>	<u>\$ 2,129,320</u>	<u>\$ 2,324,791</u>	<u>\$ 2,473,094</u>
OPEB Plan Fiduciary Net Position:							
Net investment income	\$ 563	\$ 490	\$ 625	\$ -	\$ -	\$ 13,856	\$ 25,512
Contributions:							
Employer - City's Contribution**	68,694	27,798	32,544	-	72,697	92,700	113,044
Adjustment: Creation of trust	-	-	-	-	275,777	-	-
Administrative expenses	-	-	-	-	-	(1,422)	(1,719)
Benefit payments, including refunds of employee contributions	(63,938)	(29,196)	(31,950)	(45,939)	(72,697)	(92,700)	(113,044)
Implicit rate subsidy fulfilled	-	-	-	-	-	-	-
Net change in plan fiduciary net position	5,319	(908)	1,219	(45,939)	275,777	12,434	23,793
Plan fiduciary net position - beginning (c)	40,309	45,628	44,720	45,939	-	275,777	288,211
Plan fiduciary net position - ending (d)	<u>\$ 45,628</u>	<u>\$ 44,720</u>	<u>\$ 45,939</u>	<u>\$ -</u>	<u>\$ 275,777</u>	<u>\$ 288,211</u>	<u>\$ 312,004</u>
Net OPEB liability - beginning (a) - (c)	\$ 3,079,485	\$ 3,413,396	\$ 3,831,121	\$ 5,116,228	\$ 5,538,536	\$ 1,853,543	\$ 2,036,580
Net OPEB liability - ending (b) - (d)	\$ 3,413,396	\$ 3,831,121	\$ 5,116,228	\$ 5,538,536	\$ 1,853,543	\$ 2,036,580	\$ 2,161,090
Plan fiduciary net position as a percentage of the total OPEB liability	1.32%	1.15%	0.89%	0.00%	12.95%	12.40%	12.62%
Covered-employee payroll	\$ 2,390,647	\$ 2,176,446	\$ 2,059,314	\$ 2,379,363	\$ 1,618,702	\$ 1,958,529	\$ 2,633,458
Net OPEB liability as a percentage of covered-employee payroll	142.78%	176.03%	248.44%	232.77%	114.51%	103.99%	82.06%
Measurement date	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	6/30/2023	6/30/2024

*Schedule is intended to show information for ten years. Additional information will be displayed as it becomes available.

**Amount includes implicit subsidy associated with benefits paid.

SUPPLEMENTARY INFORMATION

NONMAJOR GOVERNMENTAL FUNDS

Special revenue funds are used to account for and report the proceeds of specific revenue sources that are restricted or committed to expenditures for specified purposes.

Capital project funds are used to account for all financial resources that are restricted, committed or assigned to expenditures for capital outlays.

	Special Revenue Funds	Capital Project Funds	Total Nonmajor Governmental Funds
ASSETS			
Cash and investments	\$ 2,127,235	\$ 1,633,245	\$ 3,760,480
Receivables:			
Due from other governments	102,799	-	102,799
Interest	166,154	-	166,154
Loans/notes receivable	<u>511,716</u>	<u>-</u>	<u>511,716</u>
Total assets	<u>\$ 2,907,904</u>	<u>\$ 1,633,245</u>	<u>\$ 4,541,149</u>
LIABILITIES			
Accounts payable	\$ 89,197	\$ -	\$ 89,197
Due to other funds	<u>325,779</u>	<u>10,721</u>	<u>336,500</u>
Total liabilities	<u>414,976</u>	<u>10,721</u>	<u>425,697</u>
DEFERRED INFLOWS OF RESOURCES			
Deferred inflows - unavailable revenues	<u>166,154</u>	<u>-</u>	<u>166,154</u>
Total deferred inflows of resources	<u>166,154</u>	<u>-</u>	<u>166,154</u>
FUND BALANCES (DEFICITS)			
Nonspendable:			
Long-term receivables	511,716	-	511,716
Restricted for:			
Public safety	159,834	73,568	233,402
Buildings, grounds and parks	83,398	4,427	87,825
Street construction and maintenance	387,114	1,555,250	1,942,364
Community development	1,482,761	-	1,482,761
Unassigned	<u>(298,049)</u>	<u>(10,721)</u>	<u>(308,770)</u>
Total fund balances	<u>2,326,774</u>	<u>1,622,524</u>	<u>3,949,298</u>
Total liabilities, deferred inflows of resources, and fund balances	<u>\$ 2,907,904</u>	<u>\$ 1,633,245</u>	<u>\$ 4,541,149</u>

Nonmajor Governmental Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances

	Special Revenue Funds	Capital Project Funds	Total Nonmajor Governmental Funds
REVENUES			
Taxes	\$ 635,763	\$ -	\$ 635,763
Charges for current services	-	4,165	4,165
Use of money and property	109,982	92,972	202,954
Other	648,952	-	648,952
Developer contributions	-	43,001	43,001
Intergovernmental	295,532	-	295,532
Total revenues	1,690,229	140,138	1,830,367
EXPENDITURES			
Current:			
General government	5,100	-	5,100
Public ways and facilities/transportation	8,553	-	8,553
Public safety	-	23,056	23,056
Community development	426,423	-	426,423
Bad debt expense	-	-	-
Capital outlay	223,854	-	223,854
Total expenditures	663,930	23,056	686,986
Excess (deficiency) of revenues over (under) expenditures	1,026,299	117,082	1,143,381
OTHER FINANCING SOURCES (USES)			
Operating transfers out	(896,174)	-	(896,174)
Total other financing sources (uses)	(896,174)	-	(896,174)
Net change in fund balances	130,125	117,082	247,207
Net position - beginning, as previously presented	2,594,844	1,505,442	4,100,286
Change within financial reporting entity (major to nonmajor)	(398,195)	-	(398,195)
Fund balances - beginning as restated	2,196,649	1,505,442	3,702,091
Fund balances - ending	\$ 2,326,774	\$ 1,622,524	\$ 3,949,298

CITY OF ANGELS | FOR THE YEAR ENDED JUNE 30, 2024

Nonmajor Special Revenue Funds

Combining Balance Sheet

Section 10, Item A.

	Special Revenue Funds					
	Gas Tax	(Formerly major fund) Local Transportation	L&L District	Public Safety	TOT Emergency Service	TOT Roads
ASSETS						
Cash and investments	\$ 406,611	\$ (10,321)	\$ 68,918	\$ 48,808	\$ 106,503	\$ 23,955
Receivables:						
Due from other Governments	26,361	54,235	17,680	4,523	-	-
Interest	-	-	-	-	-	-
Loans/notes receivable	-	-	-	-	-	-
Total assets	<u>\$ 432,972</u>	<u>\$ 43,914</u>	<u>\$ 86,598</u>	<u>\$ 53,331</u>	<u>\$ 106,503</u>	<u>\$ 23,955</u>
LIABILITIES						
Accounts payable	\$ 69,813	\$ 16,184	\$ 3,200	\$ -	\$ -	\$ -
Due to other funds	-	312,132	-	-	-	-
Total liabilities	<u>69,813</u>	<u>328,316</u>	<u>3,200</u>	<u>-</u>	<u>-</u>	<u>-</u>
DEFERRED INFLOWS OF RESOURCES						
Unavailable revenues	-	-	-	-	-	-
Total deferred inflows of resources	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
FUND BALANCES (DEFICITS)						
Nonspendable:						
Long-term receivables	-	-	-	-	-	-
Restricted for:						
Public safety	-	-	-	53,331	106,503	-
Buildings, grounds and parks	-	-	83,398	-	-	-
Street construction and maintenance	363,159	-	-	-	-	23,955
Community development	-	-	-	-	-	-
Unassigned	-	(284,402)	-	-	-	-
Total fund balances	<u>363,159</u>	<u>(284,402)</u>	<u>83,398</u>	<u>53,331</u>	<u>106,503</u>	<u>23,955</u>
Total liabilities, deferred inflows of resources, and fund balances	<u>\$ 432,972</u>	<u>\$ 43,914</u>	<u>\$ 86,598</u>	<u>\$ 53,331</u>	<u>\$ 106,503</u>	<u>\$ 23,955</u>

CITY OF ANGELS | FOR THE YEAR ENDED JUNE 30, 2024

Nonmajor Special Revenue Funds
Combining Balance Sheet
(Continued)

Section 10, Item A.

	Special Revenue Funds					
	TOT Tourism	CDBG Housing	SB 2 Housing Grant	FEMA	COVID ARPA	Total
ASSETS						
Cash and investments	\$ 9,333	\$ 698,816	\$ -	\$ 20,703	\$ 753,909	\$ 2,127,235
Receivables:						
Due from other governments	-	-	-	-	-	102,799
Interest	-	166,154	-	-	-	166,154
Loans/notes receivable	-	511,716	-	-	-	511,716
Total assets	<u>\$ 9,333</u>	<u>\$ 1,376,686</u>	<u>\$ -</u>	<u>\$ 20,703</u>	<u>\$ 753,909</u>	<u>\$ 2,907,904</u>
LIABILITIES						
Accounts payable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,197
Due to other funds	-	-	13,647	-	-	325,779
Total liabilities	-	-	13,647	-	-	414,976
DEFERRED INFLOWS OF RESOURCES						
Unavailable revenues	-	166,154	-	-	-	166,154
Total deferred inflows of resources	-	166,154	-	-	-	166,154
FUND BALANCES (DEFICITS)						
Nonspendable:						
Long-term receivables	-	511,716	-	-	-	511,716
Restricted for:						
Public safety	-	-	-	-	-	159,834
Buildings, grounds and parks	-	-	-	-	-	83,398
Street construction and maintenance	-	-	-	-	-	387,114
Community development	9,333	698,816	-	20,703	753,909	1,482,761
Unassigned	-	-	(13,647)	-	-	(298,049)
Total fund balances	<u>9,333</u>	<u>1,210,532</u>	<u>(13,647)</u>	<u>20,703</u>	<u>753,909</u>	<u>2,326,774</u>
Total liabilities, deferred inflows of resources, and fund balances	<u>\$ 9,333</u>	<u>\$ 1,376,686</u>	<u>\$ -</u>	<u>\$ 20,703</u>	<u>\$ 753,909</u>	<u>\$ 2,907,904</u>

Nonmajor Special Revenue Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances

	Special Revenue Funds					
	Gas Tax	(Formerly major fund) Local Transportation	L&L District	Public Safety	TOT Emergency Service	TOT Roads
REVENUES						
Taxes	\$ 216,802	\$ -	\$ -	\$ -	\$ 147,987	\$ 147,987
Use of money and property	26,012	-	3,290	1,586	-	-
Other	-	-	353,604	144,742	-	-
Intergovernmental	-	291,932	3,600	-	-	-
Total revenues	242,814	291,932	360,494	146,328	147,987	147,987
EXPENDITURES						
Current:						
General government	-	-	-	-	-	-
Public ways and facilities/transportation	2,182	6,371	-	-	-	-
Community development	-	-	352,441	-	-	-
Capital outlay	150,873	72,981	-	-	-	-
Total expenditures	153,055	79,352	352,441	-	-	-
Excess (deficiency) of revenues over (under) expenditures	89,759	212,580	8,053	146,328	147,987	147,987
OTHER FINANCING SOURCES (USES)						
Operating transfers out	(106,532)	(98,787)	-	(166,080)	(147,987)	(147,987)
Total other financing sources (uses)	(106,532)	(98,787)	-	(166,080)	(147,987)	(147,987)
Net change in fund balances	(16,773)	113,793	8,053	(19,752)	-	-
Net position - beginning, as previously presented	379,932	-	75,345	73,083	106,503	23,955
Change within financial reporting entity (major to nonmajor)	-	(398,195)	-	-	-	-
Fund balances - beginning as restated	379,932	(398,195)	75,345	73,083	106,503	23,955
Fund balances - ending	\$ 363,159	\$ (284,402)	\$ 83,398	\$ 53,331	\$ 106,503	\$ 23,955

Nonmajor Special Revenue Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances

(Continued)

	Special Revenue Funds					
	TOT Tourism	CDBG Housing	SB 2 Housing Grant	FEMA	COVID ARPA	Total
REVENUES						
Taxes	\$ 122,987	\$ -	\$ -	\$ -	\$ -	\$ 635,763
Use of money and property	-	33,363	-	-	45,731	109,982
Other	10,640	105,022	34,944	-	-	648,952
Intergovernmental	-	-	-	-	-	295,532
Total revenues	<u>133,627</u>	<u>138,385</u>	<u>34,944</u>	<u>-</u>	<u>45,731</u>	<u>1,690,229</u>
EXPENDITURES						
Current:						
General government	-	-	5,100	-	-	5,100
Public ways and facilities/transportation	-	-	-	-	-	8,553
Community development	19,749	53,853	-	-	380	426,423
Capital outlay	-	-	-	-	-	223,854
Total expenditures	<u>19,749</u>	<u>53,853</u>	<u>5,100</u>	<u>-</u>	<u>380</u>	<u>663,930</u>
Excess (deficiency) of revenues over (under) expenditures	<u>113,878</u>	<u>84,532</u>	<u>29,844</u>	<u>-</u>	<u>45,351</u>	<u>1,026,299</u>
OTHER FINANCING SOURCES (USES)						
Operating transfers out	<u>(133,418)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(95,383)</u>	<u>(896,174)</u>
Total other financing sources (uses)	<u>(133,418)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(95,383)</u>	<u>(896,174)</u>
Net change in fund balances	<u>(19,540)</u>	<u>84,532</u>	<u>29,844</u>	<u>-</u>	<u>(50,032)</u>	<u>130,125</u>
Net position - beginning, as previously presented	28,873	1,126,000	(43,491)	20,703	803,941	2,594,844
Change within financial reporting entity (major to nonmajor)	-	-	-	-	-	(398,195)
Fund balances - beginning as restated	<u>28,873</u>	<u>1,126,000</u>	<u>(43,491)</u>	<u>20,703</u>	<u>803,941</u>	<u>2,196,649</u>
Fund balances - ending	<u>\$ 9,333</u>	<u>\$ 1,210,532</u>	<u>\$ (13,647)</u>	<u>\$ 20,703</u>	<u>\$ 753,909</u>	<u>\$ 2,326,774</u>

Nonmajor Capital Projects Funds
Combining Balance Sheet

	Capital Project Funds					
	Park Impact Fees	Police Impact Fees	Transportation Impact Fees	Fire Impact Fees	Parking Impact Fees	Total
ASSETS						
Cash and investments	\$ 4,427	\$ 53,486	\$ 1,555,250	\$ -	\$ 20,082	\$ 1,633,245
Total assets	<u>\$ 4,427</u>	<u>\$ 53,486</u>	<u>\$ 1,555,250</u>	<u>\$ -</u>	<u>\$ 20,082</u>	<u>\$ 1,633,245</u>
LIABILITIES						
Due to other funds	\$ -	\$ -	\$ -	\$ 10,721	\$ -	\$ 10,721
Total liabilities	<u>-</u>	<u>-</u>	<u>-</u>	<u>10,721</u>	<u>-</u>	<u>10,721</u>
FUND BALANCES (DEFICITS)						
Restricted for:						
Public safety	-	53,486	-	-	20,082	73,568
Buildings, grounds and parks	4,427	-	-	-	-	4,427
Street construction and maintenance	-	-	1,555,250	-	-	1,555,250
Unassigned	<u>-</u>	<u>-</u>	<u>-</u>	<u>(10,721)</u>	<u>-</u>	<u>(10,721)</u>
Total fund balances	<u>4,427</u>	<u>53,486</u>	<u>1,555,250</u>	<u>(10,721)</u>	<u>20,082</u>	<u>1,622,524</u>
Total liabilities and fund balances	<u>\$ 4,427</u>	<u>\$ 53,486</u>	<u>\$ 1,555,250</u>	<u>\$ -</u>	<u>\$ 20,082</u>	<u>\$ 1,633,245</u>

Nonmajor Capital Projects Funds

Combining Statement of Revenues, Expenditures and Changes in Fund Balances

	Capital Project Funds					
	Park Impact Fees	Police Impact Fees	Transportation Impact Fees	Fire Impact Fees	Parking Impact Fees	Total
REVENUES						
Developer contributions	\$ 2,441	\$ 1,580	\$ 36,686	\$ 2,294	\$ -	\$ 43,001
Charges for current services	-	-	-	-	4,165	4,165
Use of money and property	234	3,002	87,510	1,121	1,105	92,972
Total revenues	2,675	4,582	124,196	3,415	5,270	140,138
EXPENDITURES						
Current:						
Public safety	-	-	-	23,056	-	23,056
Total expenditures	-	-	-	23,056	-	23,056
Excess (deficiency) of revenues over (under) expenditures	2,675	4,582	124,196	(19,641)	5,270	117,082
Net change in fund balances	2,675	4,582	124,196	(19,641)	5,270	117,082
Fund balances - beginning	1,752	48,904	1,431,054	8,920	14,812	1,505,442
Fund balances - ending	\$ 4,427	\$ 53,486	\$ 1,555,250	\$ (10,721)	\$ 20,082	\$ 1,622,524



The Place to Be

**INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS**

To the Honorable Mayor and City Council
City of Angels, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the City of Angels, California (the City), as of and for the year ended June 30, 2024, and the related notes to the financial statements, which collectively comprise the City's basic financial statements and have issued our report thereon dated April 25, 2025.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the City's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the City's internal control. Accordingly, we do not express an opinion on the effectiveness of the City's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. We identified a deficiency in internal control, described in the accompanying schedule of findings as item 2024-001 that we consider to be a material weakness.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the City's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

570 N. Magnolia Avenue, Suite 100
Clovis, CA 93611

tel 559.299.9540
fax 559.299.2344

City's Response to Findings

Government Auditing Standards requires the auditor to perform limited procedures on the City's response to the findings identified in our audit and described in the accompanying schedule of findings. The City's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Price Pange & Company

Clovis, California
April 25, 2025

SECTION I – SUMMARY OF AUDITOR’S RESULTS

Financial Statements

Type of auditor’s report issued:	<u>Unmodified</u>	
Internal control over financial reporting:		
Material weakness(es) identified:	<u> X </u> Yes	<u> </u> No
Significant deficiency(ies) identified-		
Not considered to be material weakness?	<u> </u> Yes	<u> X </u> None reported
Noncompliance material to financial statements noted?	<u> </u> Yes	<u> X </u> No

SECTION II – FINANCIAL STATEMENT FINDINGS

Finding 2024-001 – FUND BALANCE/NET POSITION RECONCILIATION (Material Weakness)

Condition:
During our audit, we identified multiple differences in the City’s beginning fund balance and net position across several funds when compared to the prior year audited financial statements. Collectively, these errors required audit adjustments exceeding \$600,000 to correct fund balance and net position at the start of the fiscal year.

Criteria:
Governmental entities are responsible for ensuring that fund balances and net position amounts roll forward accurately from year to year. This includes incorporating prior period audit adjustments, properly recording beginning balances, and ensuring consistency with prior year audited financial statements. Accurate roll forward is a fundamental aspect of reliable financial reporting and internal control over year-end close.

Cause:
The City lacks sufficient procedures to reconcile the beginning balances in the current year ledger to the audited ending balances from the prior year. Additionally, there appears to be limited review and oversight of prior year adjustments and recurring year-end entries related to grants and other accruals.

Effect:
The City’s general ledger at the beginning of the fiscal year contained material misstatements in fund balance and net position. Absent audit detection and correction, these errors would have resulted in materially misstated financial statements and understated prior year financial activity.

Recommendation:
We recommend that management implement procedures to reconcile all beginning balances to the prior year’s audited financial statements before closing the books. This includes ensuring all prior year adjustments are properly recorded in the current year ledger, verifying classification of prior year revenues, and conducting a review of fund balances for unexplained variances. In addition, documentation of year-end close activities should be enhanced to support completeness and accuracy of opening balances.

Management’s Response:
See Corrective Action Plan.

FINANCIAL STATEMENT FINDINGS**Finding 2023-001 – Financial Close and Reporting (Material Weakness)****Condition:**

The City's financial balances and activity required various adjustments during the audit to reflect complete and accurate financial statements presented in accordance with generally accepted accounting standards in the United States of America (GAAP).

Criteria:

As described in the California State Controller's "2015 Internal Control Guidelines" an effective internal control system and timely financial reporting of all financial activity provides reasonable assurance for the safeguarding of assets, the reliability of financial information, and compliance with laws and regulations. This includes the design and implementation of control systems that ensure accurate financial reporting in accordance with applicable standards and regulations.

Cause:

The City's year-end closing process is incomplete, or otherwise improperly designed, which did not identify omissions and errors in the City's financial data in accordance with GAAP. In addition, key staff within the finance and administration department of the City experienced turnover in recent years, attributing to new staff in these positions during the year.

Effect:

Various adjustments were required to correct the City's general ledger during our audit, including the following:

- 1) Fund balance - opening fund balance/net position did not reconcile to the prior year ending balance for seven (7) City financial statement funds.
- 2) Cash balances - cash balances were initially misstated by approximately \$431,000 as a result of journal entries improperly posted relating to debt service payments made during the year.
- 3) Omitted lease receivables identified in the prior year of approximately \$335,000 were not included in the City's trial balance for the current year.
- 4) Cash balances recorded as City assets identified as fiduciary net assets related to the City's post-employment benefit liabilities (approximately \$288,000).
- 5) Various prior period adjustments identified during the audit, including those related to capital assets, expenses recorded to the wrong period, liabilities recorded that no longer exist, and improper reporting of fiduciary (custodial) activities.

Recommendation:

We recommend that the City reevaluate the current design of the City's year-end close and incorporate a more rigorous review by those with appropriate skills, knowledge, and experience to identify errors and omissions of financial information in accordance with GAAP.

Status:

Partially implemented in current year, see finding 2024-001.



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

CITY OF ANGELS
CORRECTIVE ACTION PLAN
YEAR ENDED JUNE 30, 2024

Finding Number	Planned Corrective Action	Anticipated Completion Date	Responsible Contact Person
2024-001	<p>The City acknowledges the importance of accurately rolling forward fund balance and net position from year to year. The discrepancies identified were the result of an unusual delay in closing the prior fiscal year in July 2024 and compounded by an unexpected leave of absence within the accounting team, which resulted in the year-end trial balance not being thoroughly reviewed prior to submission to the auditors.</p> <p>To address this issue, the City will implement a formal year-end close procedure that includes:</p> <ol style="list-style-type: none">1. A reconciliation of beginning balances to the prior year's audited financial statements, including review of any prior year audit adjustments and accruals.2. A standardized year-end trial balance review process using a checklist to ensure accuracy and completeness prior to submission to the auditors.3. Staff training on the new procedure to ensure consistent implementation going forward. <p>This written procedure will become part of the City's internal year-end close protocol to strengthen oversight and maintain the integrity of financial reporting.</p>	June 30, 2025	Finance Director



Michelle Gonzalez
Finance Director, City of Angels



Pam Caronongan
City Administrator, City of Angels





MEMORANDUM

City of Angels City Council

Date: June 3, 2025

To: City Council

From: Amy Augustine, AICP City Planner

Re: Select a representative(s) to the California Transportation Commission's August 14-15, 2025 Meeting in San Diego for the Foundry Lane Decertification

Recommendation:

Select representative(s) to the California Transportation Commission's (CTC) August 14-15 (Thursday/Friday) Meeting in San Diego for the Foundry Lane Decertification.

Staff recommends that at least one elected official be in attendance in person. The City may also wish to consider sending the City Administrator and City Engineer to accompany our elected official(s) to administratively represent the City and respond to questions or clarifications needed from the Commission.

Background/Discussion

Foundry Lane is one of the City's top road capital improvement programs. Development of the northern leg of Foundry Lane connecting SR 49 to SR 4 will significantly enhance economic development in the City.

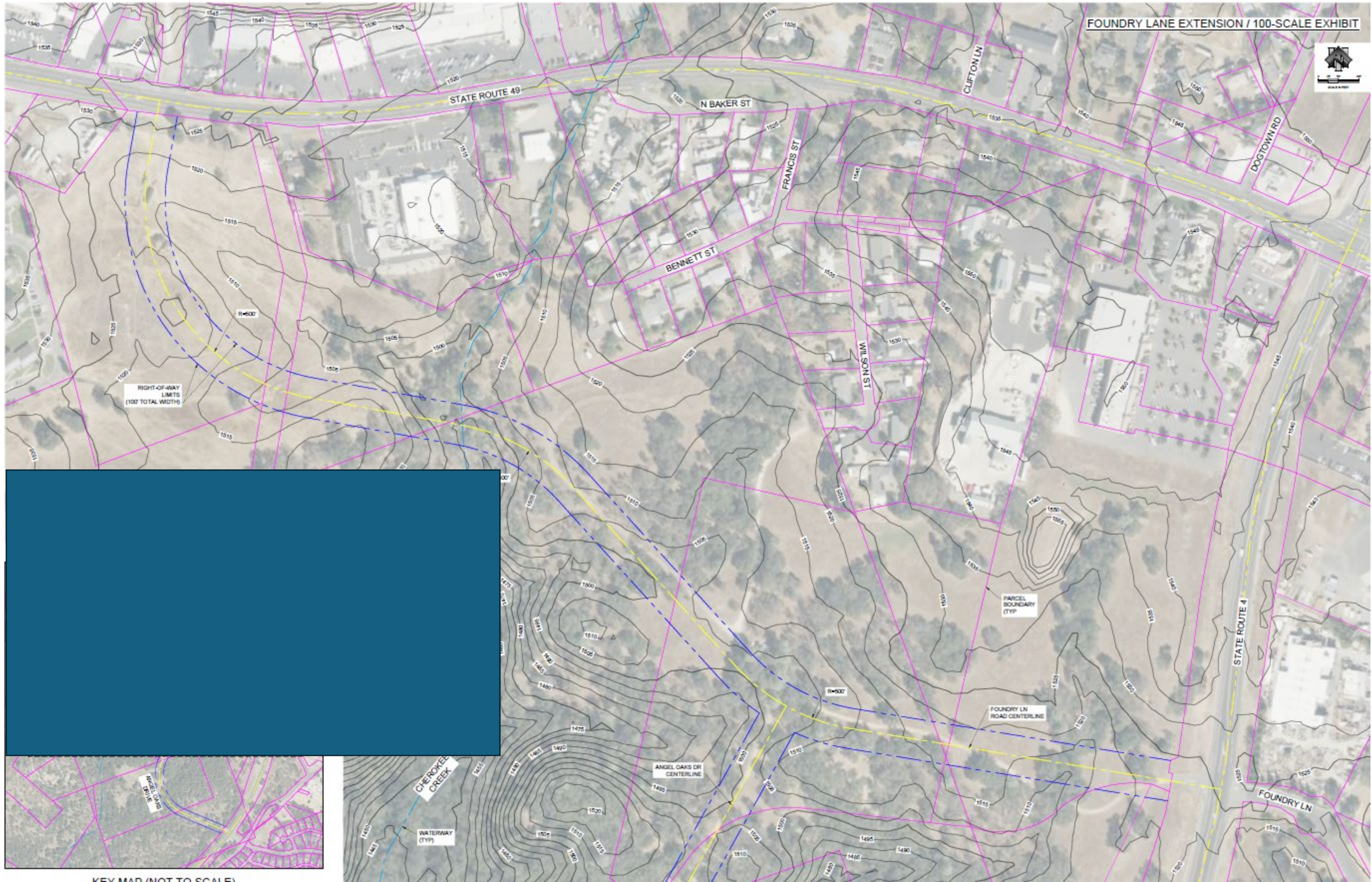
Since approximately 2001, the City has been seeking access off SR 4 onto Foundry Lane (North). After extensive negotiations with Caltrans and multiple landowners, the item has been scheduled before the California Transportation Commission for a formal vote to decertify access for Foundry Lane (i.e., allow access off SR 4 to Foundry Lane north).

Remote participation is allowed for CTC meetings. However, given the significance and importance of this action; in-person representation is encouraged. The landowner, Fred Katz, will be present in person.

Financial Impact

Travel and per-diem costs will be incurred for the representative(s) traveling to San Diego \$199 per night, with pr-diem rates of \$64.50. Air travel costs are estimated at \$500. Therefore, cost would be approximately \$800 per person from the general fund.

Attachment: Foundry Lane - Route, in general



CHANGE ORDER AGREEMENT
FOR PROFESSIONAL SERVICES

Page 1 of 1

Contractor: Robert E. Boyer Construction, Inc.
Contract Date: April 11, 2023
Project: Utica Park/Lightner Mine Expansion

Change Order No. 8
Date: June 3, 2025

Client's Name: City of Angels
Client's Address: P.O. Box 667; 200 Monte Verda St., Bldg. B Angels Camp, CA 95222

Attention: Pamela Caronongan, City Administrator
Telephone: (209) 736-1346

We hereby agree to make the following changes:
Amend the agreement **to move \$21,372.66 from the budgeted second Mark Twain Statue (\$55,000) to electrical work to rework PG&E lights, relocate lights, and pour light bases.**

Current Contract Amount:	\$2,275,000.00
Change Order Agreement #1:	\$193,888.00 (mine remediation – outside original scope)
Change Order Agreement #2:	\$182,645.32 (Add fire turnout road/hydrant)
Change Order Agreement #3:	\$132,303.62 (purchase gym equipment on behalf of City)
Change Order Agreement #4:	\$9,146.40 (Speed bumps per neighboring landowner)
Change Order Agreement #5:	\$67,096.98 (Additional Lighting)
Change Order Agreement #6:	\$175,237.77 (Landscaping and Irrigation)
Change Order Agreement #7:	\$26,582.00 (Seal Coating/Striping)
Change Order Agreement #8:	Move funding from one item (statue) to another (Lighting) \$21,372.66
Revised Contract Amount:	\$3,061,900.09 (No Change)

Authorized Signature (Boyer) _____

Accepted: The above estimated fees/costs relating to this Change Order are satisfactory and are hereby accepted. All services to be performed under the same terms and conditions as specified in the original contract.

Authorized Signature: _____
Pamela Caronongan, City Administrator

Date: _____



PCO #006

Boyer Construction
19608 E. Mono Way
Sonora, California 95370
Phone: (209) 586-5010

Project: P0523-UTP - Utica Park Design Build
1055 South Main Street
Angels Camp, California 95222
Phone: (209-743-2323

Prime Contract Potential Change Order #006: CE #006 - PG&E Lighting Rework

TO:	City of Angels Camp 200 Monte Verda Street Angels Camp, California 95222	FROM:	Boyer Construction 19608 E. Mono Way Sonora, California 95370
PCO NUMBER/REVISION:	006 / 1	CONTRACT:	1 - Utica Park Expansion & Renovation
REQUEST RECEIVED FROM:		CREATED BY:	Lisa Chamberlain (Boyer Construction)
STATUS:	Pending - In Review	CREATED DATE:	4/30/2025
REFERENCE:		PRIME CONTRACT CHANGE ORDER:	None
FIELD CHANGE:	No		
LOCATION:		ACCOUNTING METHOD:	Amount Based
SCHEDULE IMPACT:		PAID IN FULL:	No
EXECUTED:	No	SIGNED CHANGE ORDER RECEIVED DATE:	
		TOTAL AMOUNT:	\$21,372.66

POTENTIAL CHANGE ORDER TITLE: CE #006 - PG&E Lighting Rework

CHANGE REASON: Client Request (RFQ)

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

CE #006 - PG&E Lighting Rework

Rework of PG&E lights to include conduits, pull boxes & wiring of existing lights. Furnish rebar cages and sonatube for new foundations. Install relocated lights & rework fixture head to accommodate new LED. Also included is the applicable site work - trenching, conduit & backfill. Augering, forming, reinforcement, concrete, and finishing the 2 light pole bases that were new on the east and west sides of the playground.

ATTACHMENTS:

[Gold Electric - PG&E Lights Rework.pdf](#) , [Boyer Utica park pg&e lights.pdf](#)

#	Budget Code	Description	Amount
1	26-0000.S Electrical.Commitment	Rework PG&E Lights	\$9,116.19
2	31-2333.S Trenching and Backfilling.Commitment	PG&E Lights Site Work	\$6,400.00
3	03-3300.SP Place Misc. Concrete.Self Perform	Light Pole Base Concrete	\$3,177.65
Subtotal:			\$18,693.84
Contractor Markup (11.00%):			\$2,056.32
Bonds & Insurance (3.00%):			\$622.50
Grand Total:			\$21,372.66

City of Angels Camp
200 Monte Verda Street
Angels Camp, California 95222

Boyer Construction
19608 E. Mono Way
Sonora, California 95370

SIGNATURE DATE

SIGNATURE DATE

Jesse Oliva 05/02/2025
SIGNATURE DATE

Peterson Excavation Inc

PO Box 303
Tuolumne, CA 95379
Ph 209-743-6738
Fax 209-928-3390

Estimate

Date	Estimate #
04/29/2025	645
Email: dirtguy76@yahoo.com	

Name / Address
Boyer Construction

Project			
Utica Park PG&E Lights			
Description	Qty	Rate	Total
This includes all materials and labor for the following: 1. Trenching, Conduit & Backfill		6,400.00	6,400.00
Signature _____			
Thank you for your business.		Total	\$6,400.00

GOLD ELECTRIC INC.

PROJECT COST WORKSHEET

PROJECT NAME: BOYER.Utica Park Rework of PG&E Lights

DATE: 4/23/2025

DESCRIPTION OF WORK: Rework conduits , pull boxes and wiring of existing PG&E lights. Furnish rebar cages and sona tube for new foundations. Install relocated lights. Rework fixture head to accommodate new LED.

PREPARED BY: JRH

LABOR					
TRADE	HOURS	LABOR RATE		EXTENTED COST	
Journeyman Electrician	24.0	\$109.00		\$2,616.00	
Apprentice Electrician	16	\$88.65		\$1,418.40	
		MARK-UP IN RATES:	20%	\$523.20	
		TOTAL LABOR COST:		\$4,557.60	
MATERIAL					
DESCRIPTION	QUANTITY	UNIT COST		EXTENDED COST	
INVOICED MATERIALS	1	\$2,627.24		\$2,627.24	
	0	\$0.00		\$0.00	
	0	\$0.00		\$0.00	
		MATERIAL SUBTOTAL:		\$2,627.24	
		SALES TAX	8.25%	\$216.75	
		MARK-UP ON MATERIAL:	15%	\$426.60	
		MATERIAL TOTAL:		\$3,270.59	
EQUIPMENT					
DESCRIPTION	HOURS	DAYS	RATE	EXTENDED COST	
Truck and Tools	40	0	\$28.00	\$1,120.00	
	0	0	\$0.00	\$0.00	
	0	0	\$0.00	\$0.00	
	0	0	\$0.00	\$0.00	
			EQUIPMENT SUBTOTAL:		\$1,120.00
			MARKUP ON EQUIPMENT:	15%	\$168.00
			EQUIPMENT TOTAL:		\$1,288.00
			TOTAL COST:		\$9,116.19

GOLD ELECTRIC INC.

PROJECT COST WORKSHEET

PROJECT NAME: BOYER.Utica Park Kitchen Outside Lights	DATE: 4/23/2025
DESCRIPTION OF WORK: Per city's request, rework kitchen exterior can lights so they are controlled by a photo cell.	PREPARED BY: JRH

LABOR					
TRADE	HOURS		LABOR RATE	EXTENDED COST	
Journeyman Electrician	2.0		\$109.00	\$218.00	
Apprentice Electrician	0		\$88.65	\$0.00	
			MARK-UP IN RATES:	20%	\$43.60
			TOTAL LABOR COST:		\$261.60
MATERIAL					
DESCRIPTION	QUANTITY		UNIT COST	EXTENDED COST	
Misc. MATERIALS	1		\$56.00	\$56.00	
	0		\$0.00	\$0.00	
	0		\$0.00	\$0.00	
			MATERIAL SUBTOTAL:		\$56.00
			SALES TAX 8.25%		\$4.62
			MARK-UP ON MATERIAL:	15%	\$9.09
			MATERIAL TOTAL:		\$69.71
EQUIPMENT					
DESCRIPTION	HOURS	DAYS	RATE	EXTENDED COST	
Truck and Tools	2	0	\$28.00	\$56.00	
	0	0	\$0.00	\$0.00	
	0	0	\$0.00	\$0.00	
	0	0	\$0.00	\$0.00	
			EQUIPMENT SUBTOTAL:		\$56.00
			MARKUP ON EQUIPMENT:	15%	\$8.40
			EQUIPMENT TOTAL:		\$64.40
			TOTAL COST:		\$395.71



MEMORANDUM

City of Angels City Council

Date:

June 3, 2025

To:

City Council

From:

Amy Augustine, AICP City Planner

Re:

Resolution 25-28 approving Change Order 8 for Utica Park / Lightner Mine Expansion re-allocating \$21,372.66 towards reworking PG&E Lighting on site from the \$55,000 line item for a second Mark Twain Statue.

Recommendation

Approve Resolution 25-28.

Background/Discussion

In meeting with PG&E and testing the decorative light poles at the park, it was determined that the PG&E decorative lamps were non-functioning. Two required relocation. Staff asked the California Department of Parks and Recreation if the City could substitute the second Mark Twain Statue grant deliverable with added history about Mark Twain on interpretive signs in the park instead. The state agreed. This change “freed” up a \$55,000 line-item cost in Boyer’s contract (Boyer was responsible for the second Mark Twain statue) to allow the City to proceed with completing park lighting without delay. The cost for the lighting restoration, repairs, and relocation was \$21,372.66 and has been completed. The remaining \$33,627.34 (the difference between the Mark Twain Statue cost and the lighting repair costs) will be reallocated to other grant deliverables (i.e., parcourse, interpretive signs).

History: The City was awarded a \$3,000,000 Rural Recreation and Tourism Grant in late 2022. The City hired Boyer for a design and build contract for the Utica Park Lightner Mine Expansion and Rehabilitation project in March of 2023 with a Notice to Proceed issued May 14, 2024. Boyer was the only bid received in response to the RFP for the expansion and renovation. A separate park contract for the children’s playground was completed by SPEC. A separate contract for new park bathrooms was completed by T&S West. The three contracts were funded all or in part by the \$3,000,000 Rural Recreation and Tourism Grant. Supplemental funding has come from a state Per Capita Grant, ARPA, Angels Camp Community Club, Community Development Block Grants, and donations from Mariposa, Amador, Calaveras & Tuolumne Health Board, Inc. (MACT), Dignity Health Mark Twain Medical Center, Mark Twain Health Care District, Adventist Health, and PG&E. Additional funds are being collected for memorial/community trees and benches. Those funds will offset the costs of creating the benches, providing memorial markers for trees and benches and maintaining landscaping.

Strategic Plan Alignment

A4: Economic Development: Promote a wide variety of economic opportunities consistent with the city's social, cultural, environmental, and aesthetic resources. The proposed Rural Recreation and Tourism grant park project is intended to increase tourism through park enhancements including a stage, historical (cultural) interpretation trail, and improved pavilion for outdoor events. A new children's playground, adult/teen exercise equipment, bocce courts, hardcourts, improved pavilion and stage are intended to encourage social interactions with local theatre productions, local musical performances, movies in the park and enhanced outdoor spaces for other local events.

A5: Economic Development: Maintain and enhance the city's economic vitality while conserving the city's social, cultural, environmental, and aesthetic resources. See above.

B2 Community Identity: Design new development to be compatible with the natural, scenic, and cultural resources and rural character of Angels Camp. The Community Stakeholders Design Committee will assist with park design to ensure compatibility with cultural resources and rural character.

C7: Public Facilities and Services: Maintain or increase the levels of service currently available within Angels Camp for park facilities and infrastructure. The project will increase the size of Utica Park by 3.8± acres, add or improve numerous park amenities, and upgrade and expand infrastructure increasing the level of park facilities available to all age groups and ability levels for residents and visitors.

Financial Impact

None. Boyer's contract already included a \$55,000 line item for a second Mark Twain Statue. That item is no longer required. The \$21,372.66 is required for rewiring, reworking, and reinstalling PG&E lights/poles in the park and will be taken from the \$55,000 Mark Twain Statue line item leaving \$33,627.34 (difference between the Mark Twain Statue cost and the lighting repair costs) reallocated to other grant deliverables (i.e., parcourse, interpretive signs).

Attachments

- A. Summary all Change Orders
- B. Resolution 25-28 with Attachment A Task Order #8

Attachment A: Boyer task orders previously approved by the City Council and currently proposed are as follows:

Table 1: Utica Park/Lightner Mine Construction and Expansion Contract to Date for Boyer

Item	Description	Amount	Recommendation	Funding Source for Added Cost
Original Agreement	Current Contract	\$2,275,000.00	Approved by Council	Rural Recreation and Tourism Grant
CO No. 1	Geotechnical – mine remediation (at City request)	\$193,888.00	Approved by Council	American Rescue Plan Act (ARPA) – previously budgeted
CO No. 2	Improve emergency access, fire hydrant, drainage	\$182,645.32	Approved by Council	\$94,645.32 General Fund Water Capital \$88,000 (hydrant and storm drain)
CO No. 3	Purchase outdoor gym equipment and materials (at City request)	\$132,303.62	Approved by Council	Rural Recreation and Tourism Grant plus private donations/a/
CO No. 4	Install Speed Bumps (neighboring landowner request)	\$9,000.00	Approved by Council	City Gas Tax
<i>Subtotal Boyer Contract Change Orders 1-4A as of 1/6/2025</i>		<i>\$2,792,836.94</i>	Approved by Council	See above
CO No. 4A (Added)	Install Speed Bumps – correct error add \$146.40 for total of \$9,146.40	\$146.40	Approved by Council	City gas tax fund
CO No. 5	Lighting: Additional lighting for expanded parking area, replace existing lighting at old bathrooms, walkway lighting, upgrade kitchen lighting, light flag/flagpole, lighting for community Christmas tree, repair/replace lighting to old slab	\$67,096.98	Approved by Council	General Fund and/or ARPA Note: CPPA Grant application may provide \$30,000 to offset; PGE resilience grant could offset remainder
CO No. 6	Landscaping/Irrigation: NOTE: \$40,000 already budgeted is excluded from total	\$175,237.77	Approved by Council	General Fund and/or ARPA
<i>Subtotal Change Orders No. 4A addition, No. 5 and No. 6</i>		<i>\$242,481.15</i>		See above
<i>Subtotal Boyer Contract Change Orders 1-6</i>		<i>3,035,318.09</i>		See above
Contingency	Contingency for change orders No. 4 through No. 6	\$3,000.00	Approved by Council	General Fund and/or ARPA
<i>Subtotal Staff Recommendation for Resolution #25-02</i>		<i>\$245,481.15</i>		
CO No. 7	Sealcoat Utica Lane/parking areas at park and re-stripe all parking	\$26,582.00	Approved by Council	General Fund and/or ARPA
Contingency	Contingency for Change Order 7	\$1,000.00	Approved by Council	General Fund and/or ARPA
<i>Subtotal Change Order 7</i>		<i>\$27,582.00</i>		
CO No. 8	Lighting – PG&E Poles – rewire, rework and re-install	\$21,372.66	This proposal	Move from Boyer line item \$55,000 for second Mark Twain Statue
<i>Subtotal Boyer Contract with Change Orders 1-8</i>		<i>\$3,065,900.09</i>		

/a/ Mariposa, Amador, Calaveras & Tuolumne Health Board, Inc. (MACT), Dignity Health Mark Twain Medical Center, Mark Twain Health Care District

/b/ Staff recommends approving revision to correct staff error adding \$146.40

CITY OF ANGELS
CITY COUNCIL
RESOLUTION No. 25-28

A RESOLUTION OF THE CITY OF ANGELS CITY COUNCIL
APPROVING CHANGE ORDER NO. 8 FOR BOYER TRANSFERRING \$21,372.66 FOR PARK
LIGHTING FROM THE \$55,000 BOYER LINE-ITEM FOR A SECOND MARK TWAIN STATUE

WHEREAS, lighting in Utica Park is part of the renovation and expansion project essential to park safety; and

WHEREAS, Boyer did complete necessary work to restore PG&E lamps/pole lights to working order at a cost of \$21,372.66; and

WHEREAS, the State of California did authorize removing the \$55,000 line item for a second Mark Twain Statue in the Boyer contract; and

WHEREAS, this waiver did allow Boyer to complete the necessary work to restore park lighting at a cost of \$21,372.66 (overall savings of \$33,627.34); and

WHEREAS, on June 3, 2025, the City Council, at a regularly scheduled meeting, did review and consider and approve the proposal.

NOW THEREFORE BE IT RESOLVED that the City Council of the City of Angels hereby approves Resolution 25-28 approving Change Order no. 8 for Boyer to restore park lighting at a cost of \$21,372.66 instead of providing at second Mark Twain Statue at a cost of \$55,000.

Passed and adopted this 3rd day of June 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Michael Chimente, Mayor

Rose Beristianos, City Clerk



HOME OF THE JUMPING FROG



CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: June 3, 2025
TO: City Council
FROM: Michelle Gonzalez, Finance Director
RE: **DISCUSSION AND DIRECTION ON PROPOSED WATER, WASTEWATER, AND UTICA RATE INCREASES**

RECOMMENDATION:

Staff recommends that the City Council discuss and provide direction on proposed utility rate adjustments to take effect on June 21, 2025. City Staff would like to propose a 2% increase to water rates, a 1% increase to wastewater rates, and a 3% increase to the Utica pass-through rate.

BACKGROUND:

The City recently completed a Water and Wastewater Rate Study in collaboration with its rate consultant. The study evaluated current revenues, operational costs, and projected capital improvement needs over a five-year planning horizon. The consultant recommended the following rate adjustments for Fiscal Year 2025-26:

- 3% increase to water rates
- 2% increase to wastewater rates
- 6.22% increase to the Utica pass-through rate

These recommendations were based on projected operating expenses, inflationary trends, and planned capital investments.

DISCUSSION:

Upon review of the rate study, current FY 2025-26 budget estimates, and the updated five-year Capital Improvement Plan (CIP), staff has conducted an internal analysis and recommends a more modest rate adjustment than proposed in the consultant’s initial recommendation. Key considerations include:





CITY HALL

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- Budget Alignment:** The current projections for FY 2025-26 show utility revenues are expected to meet or slightly exceed expenses under a rate structure with a 2% water increase and 1% wastewater increase. This is slightly below the 5% system-wide increase projected in the rate study, but in line with actual spending needs.

		Budget FY 2025/26					
	Est 6/30/2025	Revenue	Expense	CIP	Total Expense	Reserve Usage	Reserve Balance
Wastewater	3,519,659	3,261,551	2,229,950	1,975,000	4,204,950	(943,399)	9,558,723
Water	2,015,638	2,064,196	1,246,150	2,090,000	3,336,150	(1,271,954)	5,184,399

- Capital Improvement Planning:** Several projects initially planned for the five-year period have been shifted to years 6–10, with the hope of securing grant funding. As a result, the capital spending in the five-year window is expected to be less than originally forecasted in the study.

CIP			
Water	Annual Cost	Total Cost	Year
Auto Meter Readers	1,000,000	1,750,000	2, 3
WTP-2 Transmission Main Replacement	1,090,000	2,180,000	2, 3
WDP-1 Mark Twain Road	340,000	680,000	3, 4
WTM-2 M.G. Rd Transmission Main Upgrade	1,150,000	2,300,000	4, 5
		6,910,000	
Wastewater	Annual Cost	Total Cost	Year
WWCS-1 & 2 Booster Way/Vallecito/East Angels	1,975,000	2,000,000	2, 3
WWCS-3 Main St Sewer Replacement	700,000	700,000	3
WWCS-4 Murphys Grade Rd Sewer Rehab	760,000	760,000	4
I&I Projects	300,000	300,000	5
		3,760,000	





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- Utica Pass-Through Rate:** Staff recommends a 3% increase rather than the 6.22% recommended by the consultant. The City’s current reserve for the Utica component is approximately \$576,000, which can be partially drawn down over the five-year period to support the reduced rate increase. This approach allows for flexibility to re-evaluate in year 5 whether a higher contribution will be needed, particularly in light of potential cost impacts related to the FERC exemption. Under this plan, approximately \$158,052 of the reserve will be used, leaving a healthy remaining balance of \$418,067, just under one year’s typical contribution.

Utica Reserves	576,119				
Year of Rate Study	1	2	3	4	5
Fiscal Year	25/26	26/27	27/28	28/29	29/30
Estimated Revenue	419,731.21	431,956.39	457,303.26	482,650.14	507,997.01
Contribution	407,000.00	447,700.00	492,470.00	541,717.00	568,803.00
Rate 5/8 Meter	14.33	14.76	15.68	16.65	17.69
Recommended per Prop 218	14.78	15.70	16.67	17.71	18.60
Difference in Contribution	12,731.21	(15,743.61)	(35,166.74)	(59,066.86)	(60,805.99)
Difference in Rate 5/8 Meter	(0.45)	(0.94)	(0.99)	(1.06)	(0.91)

- Customer Impacts and Economic Conditions:** The recommended moderate increases aim to balance infrastructure needs with customer affordability, especially given current economic uncertainties and inflationary pressures affecting household budgets. The more conservative rate adjustments also provide flexibility in the event of rising material costs due to tariffs or market volatility. Current CPI San Francisco April 2025 1.3%





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FINANCIAL IMPACT:

The proposed rate increases are expected to provide sufficient revenue to cover operating costs, debt service, and capital needs for FY 2025-26, while maintaining healthy fund balances. The use of reserves in Water and Wastewater were planned for Capital Projects and the Utica pass-through component will be monitored and evaluated annually to ensure long-term sustainability.

CONCLUSION

Staff believes that the recommended rate adjustments strike a prudent balance between maintaining fiscal responsibility and minimizing impacts on ratepayers. Staff requests Council discussion and direction to proceed with preparing the proposed rate changes to take effect on June 21, 2025. Customers will be notified immediately of the proposed rate changes.

ATTACHMENTS:

- Resolution No. 25-31



CITY OF ANGELS CAMP

FOUNDED 1848 - EST 1912



2024 Water and Wastewater Rates Cost of Service Study

February 4, 2025



BARTLE WELLS ASSOCIATES

Independent Public Finance Consultants

2625 Alcatraz Avenue #602

Berkeley, California 94703

www.bartlewells.com

Tel: (510) 653-3399

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1. EXECUTIVE SUMMARY

The City of Angels Camp (“the City”) provides water and wastewater services to a population of approximately 3,800 residents. The City retained Bartle Wells Associates (“BWA”) to develop a financial plan and cost of service study for the City’s water and wastewater enterprise funds to ensure their financial stability over the next five-year period. The rates developed in this study represent maximum annual rate increases. Actual annual rate increases implemented may be less than the proposed rates developed in this study, as approved by the City Council each year.

The proposed rates also outline passthrough fees for the City’s share of costs under its Joint Powers Agreement (JPA) with the Utica Water and Power Authority (UWPA) under an average water year (water year 2.5). In early 2024, the UWPA developed a financial model for their projected revenues and expenses over the next five and ten years. The purpose of this analysis was to develop sound budget projections that could be provided to the JPA member agencies to use as a planning tool for future contributions. A total of six funding scenarios were developed. All six scenarios assumed Water Year 2.5, which is based on the average water year UWPA has experienced over the past 10 years. After consideration of all member funding scenarios, the City selected into a five year funding agreement. The agreement assumes member contributions under a water year 2.5, contribution for FY 24/25 set at \$370,000, and 10% increases each year beginning in FY 25/26 and ending in FY 28/29. Any wholesale water cost increases, such as in the case of a water year 3, 4, 5, or 6, may be passed through via Government Code 53756. Any future passthrough of wholesale water cost increases will require formal action by the City Council. The City Council will review and consider any proposed passthrough adjustments, ensuring transparency and accountability in rate-setting decisions. Property owners and customers will have the opportunity to provide input before any changes take effect.

Water Issues

The water system is a self-supporting enterprise that includes water supply, treatment, storage, and distribution facilities. Water supply is provided through a JPA between the City of Angels and Union Public Utility District (UPUD). The JPA, known as UWPA, has served the City and its partner agency since 1995.

Proposed water rate increases are needed to fund:

- Ongoing JPA Obligations - Member agency costs are increasing by 10% annually. BWA recommends that these costs are gradually phased in over the five year period.
- Ongoing cost inflation - Projected 5% annual operating costs increases.
- Capital Projects - near-term capital improvement program totaling ~\$15.6 million in water projects.

Wastewater Issues

The wastewater system is a self-supporting enterprise comprised of six pump stations, 4.5 miles of forced main lines, and 22.5 miles of gravity sewer lines.

Proposed wastewater rate increases are needed to fund:

- Debt Obligations - The wastewater enterprise needs to fund annual debt obligations of ~\$348,000.
- Ongoing cost inflation - Projected 5% annual operating costs increases.
- Capital Projects - near-term capital improvement program totaling ~\$7 million in wastewater projects. The projects aim to increase the safety and security of the system and to promote regulatory compliance.

Table 1 on the following page shows the current and proposed rates developed in this study.

Table 1. Current and Proposed Rates**Current & Proposed Water Rates**

<u>Monthly Fixed Rates</u>		<u>Meter Charges</u>				
Effective Date	Current	6/21/2025	6/21/2026	6/21/2027	6/21/2028	6/21/2029
Proposed Maximum Increase (%)¹		3%	3%	3%	3%	3%
<u>Meter Size</u>						
5/8"	\$46.93	\$48.34	\$49.79	\$51.28	\$52.82	\$54.40
3/4"	\$70.40	\$72.51	\$74.69	\$76.92	\$79.23	\$81.60
1"	\$117.33	\$120.85	\$124.48	\$128.20	\$132.05	\$136.00
1 1/2"	\$234.65	\$241.70	\$248.95	\$256.40	\$264.10	\$272.00
2"	\$375.44	\$386.72	\$398.32	\$410.24	\$422.56	\$435.20
3"	\$703.95	\$725.10	\$746.85	\$769.20	\$792.30	\$816.00
4"	\$1,173.25	\$1,208.50	\$1,244.75	\$1,282.00	\$1,320.50	\$1,360.00
6"	\$2,346.51	\$2,417.00	\$2,489.50	\$2,564.00	\$2,641.00	\$2,720.00
Construction Meter	\$70.40	\$72.51	\$74.69	\$76.92	\$79.23	\$81.60
<u>Volumetric Rates</u>						
All use, \$ / hcf ²	\$1.69	\$1.74	\$1.79	\$1.84	\$1.90	\$1.96
<u>Monthly Fixed Rates</u>		<u>UWPA Fees (Water Year 2.5)</u>				
Proposed Maximum Increase (%) ³		6.22%	6.22%	6.22%	6.22%	5.00%
<u>Meter Size</u>						
5/8"	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60
3/4"	\$20.86	\$22.16	\$23.54	\$25.01	\$26.57	\$27.89
1"	\$34.77	\$36.94	\$39.24	\$41.68	\$44.28	\$46.49
1 1/2"	\$69.55	\$73.88	\$78.48	\$83.36	\$88.55	\$92.98
2"	\$111.27	\$118.20	\$125.56	\$133.38	\$141.68	\$148.76
3"	\$208.64	\$221.63	\$235.43	\$250.08	\$265.65	\$278.93
4"	\$347.73	\$369.39	\$392.38	\$416.81	\$442.75	\$464.89
6"	\$695.46	\$738.77	\$784.76	\$833.61	\$885.51	\$929.78
Construction Meter	\$20.86	\$22.16	\$23.54	\$25.01	\$26.57	\$27.89

Current & Proposed Wastewater Rates

<u>Monthly Fixed Rates</u>						
Effective Date	Current	6/21/2025	6/21/2026	6/21/2027	6/21/2028	6/21/2029
Proposed Maximum Increase (%)¹		2%	2%	2%	2%	2%
Residential Users	\$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19
Non-Residential Minimum Charges ⁴	\$136.30	\$139.03	\$141.81	\$144.65	\$147.54	\$150.49
<u>Volumetric Rates</u>						
Non-Residential Users, \$ / hcf, winter use ⁵	Various	\$0.0212	\$0.0216	\$0.0220	\$0.0224	\$0.0228

¹ Represents maximum annual % increases, actual annual % increases implemented may be less than proposed as approved by City Council each year.

² HCF = hundred cubic feet or approximately 748 gallons.

³ Should UWPA declare a water year 3, 4, 5, or 6, the City may automatically recalculate rates for passthrough fees under Government Code 53756. Any future passthrough of wholesale water cost increases will require formal action by the City Council.

⁴ Mixed class users are subject to one minimum commercial charge per commercial account plus one residential charge per residential dwelling unit.

⁵ Winter use is calculated as the monthly use from January - April of the prior year divided by four.

2. BACKGROUND AND OBJECTIVES

2.1. Background

In 2023, the City engaged BWA to perform a rate study analyzing the capital and operating costs associated with the City’s water and wastewater utilities and to determine recovery of costs for providing water and wastewater utility services. This report presents BWA’s analysis of the operating and non-operating expenses of the City’s water and wastewater enterprises. The goals of this study were to analyze the City’s enterprise funds, make recommendations that enhance the financial sustainability of each enterprise, and to review utility rates to ensure that they adhere to the State’s legal requirements.

2.2. Rate Study Objectives

Key goals and objectives of the financial plans and rate studies for the water and wastewater enterprises include developing rates that:

- Capture enough revenues to move forward with and complete capital projects that will provide City of Angels Camp water rate payers with clean and safe drinking water.
- Capture enough revenues to move forward with and complete capital projects and that will ensure reliable wastewater collection and treatment for City of Angels Camp wastewater rate payers.
- Recover the costs of providing utility services including operating costs, capital costs, and build prudent reserves to ensure the water and wastewater funds continue to operate as financially self-sustaining Enterprise Funds.
- Are fair and equitable to all customers.
- Are easy to understand and implement.
- Comply with the substantive cost-of-service requirements of the California Constitution, Article 13D, Section 6 (established by Proposition 218) and the general mandate of Article 10, Section 2 that prohibits the wasteful use of water.
- Support the City’s long-term operational and financial stability.

This report summarizes key findings and recommendations for overall rate revenue increases over the next five years.

3. LEGAL REQUIREMENTS

3.1. Constitutional Rate Requirements

The California Constitution includes two key articles that directly govern or impact the City’s water and wastewater rates: Article 10 and Article 13D. The rates developed in this study were designed to comply with both constitutional mandates as well as various provisions of the California Water Code and Government Code that support and add further guidance for implementing these constitutional requirements. In accordance with the constitutional provisions, the proposed rates are designed to a) recover the City’s cost of providing water and wastewater service; b) allocate costs in proportion to the cost for serving each customer class; and c) promote conservation and discourage waste.

Article 10, Section 2

Article 10, Section 2 of the California Constitution was established by voter-approval in 1976 and requires public agencies to maximize the beneficial use of water, prevent waste, and encourage conservation. Section 2 states that:

It is hereby declared that because of the conditions prevailing in this State the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare.

Article 13D, Section 6

Proposition 218 was adopted by California voters in 1996 and added Articles 13C and 13D to the California Constitution. Article 13D, Section 6 governs property-related charges, which the California Supreme Court subsequently ruled includes ongoing utility service charges such as water, sewer, and garbage rates. Article 13D, Section 6 establishes a) procedural requirements for imposing or increasing property-related charges, and b) substantive requirements for those charges. Article 13D also requires voter approval for new or increased property-related charges but exempts from this voting requirement rates for water, sewer, and garbage service.

The substantive requirements of Article 13D, Section 6 require the City’s water and wastewater rates to meet the following conditions:

- 1) Revenues derived from the fee or charge shall not exceed the funds required to provide the property-related service.
- 2) Revenues derived from the fee or charge shall not be used for any purpose other than that for which the fee or charge was imposed.
- 3) The amount of a fee or charge imposed upon any parcel or person as an incident of property ownership shall not exceed the proportional cost of the service attributable to the parcel.
- 4) No fee or charge may be imposed for a service unless that service is actually used by, or immediately available to, the owner of the property in question.

Pursuant to California Government Code 53759, there is a 120-day statute of limitations for challenging any new, increased, or extended fees. This statute of limitations applies to the water and wastewater rates proposed in this rate study and is included in the Proposition 218 Notice.

3.2. Use of Generally Accepted Rate-Making Principles

The rates developed in this report use a straightforward methodology to establish an equitable system of fixed and variable charges that recover the cost of providing service and fairly apportion costs to each rate component. The rates were developed using generally accepted cost-based principles and methodologies for establishing water rates, charges, and fees contained and discussed in the AWWA M1 Manual. In developing water rates, it is important to know that there is no “one-size-fits-all” approach for establishing cost-based water rates, “the (M1 Manual) is aimed at outlining the basic elements involved in water rates and suggesting alternative rules of procedure for formulating rates, thus permitting the exercise of judgment and preference to meet local conditions and requirements.”¹

BWA uses a straightforward methodology to establish equitable charges that recover the cost of providing service and fairly apportion costs.

Key elements of this study include:

- 1) **Project Initiation and Data Collection** – Review financial policies; collect financial and other relevant data; and review rate structures;
- 2) **Demand Analysis** – Analyze past customer demands and customer characteristics to forecast future demands;
- 3) **Long Range Financial Plans** – Develop financial projections to evaluate annual revenue requirements from rates and the overall level of rate increases needed to fund the costs of providing service and support long term financial stability;
- 4) **Cost Allocation** – Group the City’s costs in terms of the function they serve as a basis to proportionally allocate the revenue requirement from rates;
- 5) **Cost-of-Service Rate Design** – Develop rates that proportionately recover costs; and
- 6) **Prop 218 Process** – Ensure compliance with the substantive and procedural requirements of Proposition 218.

¹ AWWA Manual M1 Manual, Principles of Water Rates, Fees, and Charges, Sixth Edition, 2012, page 5.

4. WATER SYSTEM OVERVIEW

4.1. Water Supply

The City’s water supply is provided through a Joint Powers Agreement (JPA) between the City of Angels and Union Public Utility District (UPUD). The JPA, known as Utica Water and Power Authority (UWPA), has served the City and its partner agency since 1995 when local officials purchased the 27-mile-long flumes, ditches, and two powerhouses from PG&E. The purchase, led by Calaveras County Water District (CCWD), was meant to secure the valuable 1914 water rights for the residents of Angels Camp. The original JPA included CCWD, the City, and UPUD. CCWD left the partnership in 2004 over concerns about the financial costs of participating in the partnership.

From 1995 to 2013 communities served by the UWPA received water from the North Fork Stanislaus River at little to no cost. The UWPA further elected to offset water costs by utilizing its hydro-power generation revenues in efforts to keep water costs low. While residents had enjoyed a low-cost water source for decades, the model built to sustain this commodity has now become outmoded. The system experienced unprecedented dry years between the years of 2012-2015. Less water results in less power generation resulting in less revenue available to offset low to no cost water to customers, and maintenance deferral has become less and less of an option for savings. The UWPA is further burdened by the impending FERC relicensing, which requires funding additional financial investments and reserves.

These financial challenges coupled with the changing energy markets have chipped away at what was once a low-cost water supply. Member agencies hold the responsibility to ensure the financial viability of the JPA.

4.2. City Water Distribution

The City acquired the water treatment plant in 1984 from PG&E. A 2.5 million gallon tank located at the plant is the only existing storage tank within the City water system. Water to the City is fed by the original PG&E transmission line and is assumed to be greater than 50 years old. City staff maintains 167,000 linear feet of pipelines with diameters ranging from 2-14”. The system includes 300 hydrants, 30 air relieve valves, 14 blow-off valves, ten pressure reducing valves, and one surge valve. In certain locations, pipe is reasonably estimated to be greater than 50 years in use.

4.3. Current Water Rates

As shown in **Table 2**, the current rate structure includes a uniform volumetric rate based on usage, a monthly meter service charge, and a monthly UWPA passthrough fee.

Table 2. Current Water Rates

All water users	\$/hcf		
All use	\$1.69		
		UWPA Fee	
Meter Size	Meter Charge	(Water Year 2.5)	Total Monthly Fixed Charge
5/8"	\$46.93	\$13.91	\$60.84
3/4"	70.40	20.86	91.26
1"	117.33	34.77	152.10
1 1/2"	234.65	69.55	304.20
2"	375.44	111.27	486.71
3"	703.95	208.64	912.59
4"	1,173.25	347.73	1,520.98
6"	2,346.51	695.46	3,041.97
Construction meter	70.40	20.86	91.26

4.4. Water Enterprise Debt

The water enterprise does not have any outstanding debt service as of FY 2024/25.

4.5. Capital Improvement Plan

Table 3 shows the water enterprise near term capital improvement program. The Capital Improvement Plan (CIP) has identified project costs in the amount of \$15.67 million. The projects aim to increase the safety and security of the system and to promote regulatory compliance. In an effort to help keep water rates low for their customers, the City plans to use financial reserves to help fund proposed water projects.

Table 3. Water Enterprise Capital Improvement Plan

Project Name & Description	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	Totals
WTP 1 & 2							
Backwash Handling Improvements		\$3,330,000	\$3,330,000				\$6,660,000
Treated Water Transmission Main Replacement				2,180,000			2,180,000
WTM 1 & 2							
SR-49 Transmission Main Upgrade				1,015,000			1,015,000
Murphys Grade Rd Transmission Main Upgrade					2,300,000		2,300,000
WDP 1, 2, & 3							
Mark Twain Road Water System Improvements	680,000						680,000
Hillcrest, Gold Cliff, McCauley Ranch Rd Water System Improvements	590,000						590,000
Pressure Relief Valve Replacement	980,000						980,000
Automatic Meter Reading Project	152,000	152,000	152,000	152,000	152,000		760,000
Capital Projects						500,000	500,000
Total	\$2,402,000	\$3,482,000	\$3,482,000	\$3,347,000	\$2,452,000	\$500,000	\$15,665,000

4.6. Cash Flow Projection

The City is anticipating several manageable financial challenges that will require gradual rate increases in the upcoming years. Annual rate increases are needed to keep revenues in line with inflation and to prevent rates from falling behind the cost of providing water services.

BWA determined that the City needs to raise rate revenue (excluding the UWPA passthrough fees) by 3% per year to meet the goal of funding the City’s operating and capital needs. The UWPA passthrough fees are recommended to be gradually phased in and fully cover projected UWPA contributions.

Table 4 shows the water enterprise 10-year cash flow projection.

Table 4. Water Cashflow Projections

Fiscal Year	Projected										
	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35
Beginning Fund Balance	\$7,559,047	\$5,710,330	\$6,109,148	\$6,482,412	\$3,746,948	\$1,832,102	\$1,850,225	\$1,847,020	\$1,820,035	\$1,767,973	\$1,686,724
% Rate Revenue Increase	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Growth - %	2.7%	1.7%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
REVENUES											
Water Rate Revenue											
Water Service Charges	\$1,926,235	\$2,017,261	\$2,077,778	\$2,140,112	\$2,204,315	\$2,270,445	\$2,338,558	\$2,408,715	\$2,480,976	\$2,555,405	\$2,632,068
UWPA Charges	<u>418,456</u>	<u>451,952</u>	<u>480,086</u>	<u>509,971</u>	<u>541,717</u>	<u>568,803</u>	<u>597,243</u>	<u>627,105</u>	<u>658,460</u>	<u>691,383</u>	<u>725,953</u>
Total Rate Revenues	2,344,691	2,469,213	2,557,865	2,650,083	2,746,032	2,839,248	2,935,801	3,035,820	3,139,437	3,246,789	3,358,020
Misc Operating Revenues											
Water Connection Fees	0	0	0	0	0	0	0	0	0	0	0
Misc. Revenue ¹	28,600	3,338,600	3,338,600	68,600	28,600	28,600	28,600	28,600	28,600	28,600	28,600
Interest	<u>34,000</u>	<u>35,020</u>	<u>36,071</u>	<u>37,153</u>	<u>38,267</u>	<u>39,415</u>	<u>40,598</u>	<u>41,816</u>	<u>43,070</u>	<u>44,362</u>	<u>45,693</u>
Total Misc Operating Revenues	62,600	3,373,620	3,374,671	105,753	66,867	68,015	69,198	70,416	71,670	72,962	74,293
Total Revenues	2,407,291	5,842,833	5,932,535	2,755,836	2,812,899	2,907,263	3,004,999	3,106,236	3,211,107	3,319,751	3,432,313
EXPENSES											
Operating Expenses											
Personnel Costs	642,162	674,270	707,983	743,382	780,551	819,579	860,558	903,586	948,765	996,203	1,046,013
Water UL	88,889	93,333	98,000	102,900	108,045	113,447	119,120	125,076	131,330	137,896	144,791
Utica Water and Power Contribution	370,000	407,000	447,700	492,470	541,717	568,803	597,243	627,105	658,460	691,383	725,953
Utilities	35,690	37,475	39,348	41,316	43,381	45,550	47,828	50,219	52,730	55,367	58,135
Repairs & Maintenance	60,500	63,525	66,701	70,036	73,538	77,215	81,076	85,130	89,386	93,855	98,548
Tools & Equipment	6,000	6,300	6,615	6,946	7,293	7,658	8,041	8,443	8,865	9,308	9,773
Professional Services	214,700	225,435	236,707	248,542	260,969	274,018	287,719	302,104	317,210	333,070	349,724
Materials & Supplies	91,357	95,925	100,721	105,757	111,045	116,597	122,427	128,548	134,976	141,724	148,811
Other Services & Charges	130,825	137,366	144,235	151,446	159,019	166,970	175,318	184,084	193,288	202,953	213,100
O&M Cost Allocations	<u>150,000</u>	<u>157,500</u>	<u>165,375</u>	<u>173,644</u>	<u>182,326</u>	<u>191,442</u>	<u>201,014</u>	<u>211,065</u>	<u>221,618</u>	<u>232,699</u>	<u>244,334</u>
Total Operating Expenses	1,790,122	1,898,128	2,013,385	2,136,439	2,267,884	2,381,279	2,500,343	2,625,360	2,756,628	2,894,459	3,039,182
Non Operating Expenses											
Vehicle Replacement Set Aside	63,886	63,886	63,886	7,861	7,861	7,861	7,861	7,861	6,541	6,541	6,541
Projected Loan Debt Service				0	0	0	0	0	0	0	0
Existing Debt Service	0	0	0	0	0	0	0	0	0	0	0
Capital Improvement Projects	<u>2,402,000</u>	<u>3,482,000</u>	<u>3,482,000</u>	<u>3,347,000</u>	<u>2,452,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>	<u>500,000</u>
Total Non Operating Expenses	2,465,886	3,545,886	3,545,886	3,354,861	2,459,861	507,861	507,861	507,861	506,541	506,541	506,541
Total Expenses	4,256,008	5,444,014	5,559,271	5,491,300	4,727,745	2,889,140	3,008,204	3,133,221	3,263,169	3,401,000	3,545,723
Net Revenues for Debt Service/Capital	617,169	3,944,704	3,919,150	619,397	545,015	525,984	504,656	480,876	454,479	425,292	393,131
Net Income	(1,848,717)	398,818	373,264	(2,735,464)	(1,914,846)	18,123	(3,205)	(26,985)	(52,062)	(81,249)	(113,410)
Ending Fund Balance	\$5,710,330	\$6,109,148	\$6,482,412	\$3,746,948	\$1,832,102	\$1,850,225	\$1,847,020	\$1,820,035	\$1,767,973	\$1,686,724	\$1,573,315
Total Unrestricted Fund Target (25% O&M)	447,531	474,532	503,346	534,110	566,971	595,320	625,086	656,340	689,157	723,615	759,796
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Debt Service Coverage (Minimum 1.20x)											
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

1 - Connection Fees, Inspections, Water Meter Charge, Utility Processing Fee, Door Hanger Fee, Restoration Fee, Utility Late Fee, Other

4.7. Current Customer Base & Revenue Estimate

Table 5 shows the water enterprise's current number of customers by meter size and projected rate revenue under current rates. The meter cost ratio is based on American Water Works Association (AWWA) standard ratios. Excluding UWPA passthrough fees, the water enterprise currently collects approximately 71% of rate revenue from fixed meter charges and 29% from volumetric charges. Total water usage amounted to 326,031 hundred cubic feet in FY 2023/24.

Table 5. Current Water Rate Revenue

Meter Size	Number of Customers	Monthly Meter Rate	Monthly Meter Revenue	Current Meter Cost Ratio	5/8" Meter Equivalents
5/8"	1,656	\$46.93	\$77,716.08	1	1,656
3/4"	36	70.40	2,534.40	1.5	54
1"	59	117.33	6,922.47	2.5	148
1 1/2"	21	234.65	4,927.65	5	105
2"	35	375.44	13,140.40	8	280
3"	8	703.95	5,631.60	15	120
4"	1	1,173.25	1,173.25	25	25
6"	1	2,346.51	2,346.51	50	50
Construction Meter	<u>3</u>	70.40	<u>211.20</u>	1.5	<u>5</u>
	1,820		\$114,603.56		2,442
Current Water Rate Revenue Estimate					
Total Annual Rate Revenue	\$1,926,235	100%			
Annual Meter Revenue	1,375,243	71%			
Annual Volumetric Rate Revenue	550,992	29%			
Total Use (HCF)	326,031				
\$/hcf	\$1.69				

4.8. Cost Allocation to Billing Components

In **Table 6**, BWA allocated FY 2023/24 costs (excluding UWPA costs) to billing components (meter versus usage). Costs are allocated more toward the fixed meter charges to represent that they are more recurrent regardless of water usage. BWA recommends collecting approximately 70% of rate revenue based on meter charges and 30% based on usage charges based on this analysis.

Table 6. Water Cost Allocation

	2023/24		Meter Charge		Usage Charge
Operating Expenses					
Personnel Costs	\$566,221	70%	\$397,793	30%	\$168,428
Water UL	98,943	70%	69,511	30%	29,432
Utilities	46,400	70%	32,598	30%	13,802
Repairs & Maintenance	76,500	70%	53,744	30%	22,756
Tools & Equipment	6,000	70%	4,215	30%	1,785
Professional Services	142,300	70%	99,971	30%	42,329
Materials & Supplies	77,139	70%	54,193	30%	22,946
Other Services & Charges	131,750	70%	92,560	30%	39,190
O&M Cost Allocations	<u>150,000</u>	70%	<u>105,381</u>	30%	<u>44,619</u>
Total Operating Expenses	1,295,253		909,967		385,286
Non Operating Expenses					
Vehicle Replacement Set Aside	63,886	70%	44,882	30%	19,004
Debt Service	37,234	70%	26,158	30%	11,076
Capital Improvement Projects	<u>2,165,000</u>	70%	<u>1,520,999</u>	30%	<u>644,001</u>
Total Non Operating Expenses	2,266,120		1,592,039		674,081
Total Expenses	3,561,373		2,502,006		1,059,367
Adjustments					
Less: Non Rate Revenue	62,600	70%	43,979	30%	18,621
Less: Use of Reserves	<u>1,541,251</u>	70%	<u>1,082,790</u>	30%	<u>458,461</u>
Total Adjustments	1,603,851		1,126,769		477,082
Angel's Camp Revenue Requirements	\$1,957,522	70%	\$1,375,237	30%	\$582,285

4.9. Current Meter Charges

Table 7 shows the development of the meter charges. The \$1,375,237 of costs allocated to meter charges in **Table 6** is divided by estimated 5/8” meter equivalents of 2,442 to get an annual charge of \$563.16, or \$46.93 per month. Customers with meters larger than the 5/8” base would pay proportionally more based on the capacity of the meter.

Table 7. Current Water Meter Cost Allocation

Meter Charge Allocation	\$1,375,237
5/8" AWWA Meter Equivalents	<u>2,442</u>
Annual \$ per 5/8" Meter Equivalent	\$563.16
Monthly \$/per 5/8" Meter Equivalent	\$46.93

Meter Size	AWWA Meter Ratio	Current	Proposed
5/8"	1	\$46.93	\$46.93
3/4"	1.5	70.40	70.40
1"	2.5	117.33	117.33
1 1/2"	5	234.65	234.65
2"	8	375.44	375.44
3"	15	703.95	703.95
4"	25	1,173.25	1,173.25
6"	50	2,346.51	2,346.50

4.10. Current and Projected UWPA Passthrough Fees

Table 8 shows the development of the UWPA passthrough fees under an average water year 2.5. Projected Utica Water and Power Contributions are divided by total meter equivalents to get a cost per 5/8” meter. Larger meters pay proportionally more based on their metered capacity. The fee is designed to cover the costs of the City’s water supply based on projected annual contribution amounts. The projected costs utilized to develop these fees are based on Utica Water and Power projected contributions based on an average water year and do not account for additional wholesale cost increases beyond 10% per year.

BWA recommends implementing passthrough fees based on UWPA’s average water year, water year 2.5. Should contribution amounts be less than average, such as in the case of a water year 1 or 2, the City is recommended to save any additional amount in a balancing account that can be used to offset fee increases in bad years (water years 4, 5 or 6). Any increases, such as in the case of a water year 3, 4, 5, or 6, may be passed through via Government Code 53756. Any future passthrough of wholesale water cost increases will require formal action by the City Council. The City Council will review and consider any proposed passthrough adjustments, ensuring transparency and accountability in rate-setting decisions. Property owners and customers will have the opportunity to provide input before any changes take effect.

Table 8. UWPA Passthrough Fees Allocation

Water Year 2.5		2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
Utica Water And Power Contribution		\$370,000	\$407,000	\$447,700	\$492,470	\$541,717	\$568,803
Growth		65	42	0	0	0	0
Projected 5/8" Meter Equivalents		2,507	2,549	2,549	2,549	2,549	2,549
Meter Size	AWWA Meter Ratio						
5/8"	1	\$13.91	\$14.78	\$15.70	\$16.67	\$17.71	\$18.60
3/4"	1.5	20.86	22.16	23.54	25.01	26.57	27.89
1"	2.5	34.77	36.94	39.24	41.68	44.28	46.49
1 1/2"	5	69.55	73.88	78.48	83.36	88.55	92.98
2"	8	111.28	118.20	125.56	133.38	141.68	148.76
3"	15	208.64	221.63	235.43	250.08	265.65	278.93
4"	25	347.74	369.39	392.38	416.81	442.75	464.89
6"	50	695.48	738.77	784.76	833.61	885.51	929.78
Construction Meter	1.5	20.86	22.16	23.54	25.01	26.57	27.89

4.11. Proposed City Water Rates

Table 9 shows the current and proposed water rates for the City. The proposed rates incorporate the cost allocation developed in **Table 6** and the annual projected costs over the next five-year period.

Table 9. Current and Proposed Water Rates

			Fiscal Year	2025/26	2026/27	2027/28	2028/29	2029/30
			Effective Date	6/21/2025	6/21/2026	6/21/2027	6/21/2028	6/21/2029
			Proposed Increase	3.0%	3.0%	3.0%	3.0%	3.0%
Monthly Use			Current Rate					
All use, \$/hcf			\$1.69	\$1.74	\$1.79	\$1.84	\$1.90	\$1.96
Meter Size	Meter Cost Ratio	Current Meter Rates						
5/8"	1	46.93		48.34	49.79	51.28	52.82	54.40
3/4"	1.5	70.40		72.51	74.69	76.92	79.23	81.60
1"	2.5	117.33		120.85	124.48	128.20	132.05	136.00
1 1/2"	5	234.65		241.70	248.95	256.40	264.10	272.00
2"	8	375.44		386.72	398.32	410.24	422.56	435.20
3"	15	703.95		725.10	746.85	769.20	792.30	816.00
4"	25	1,173.25		1,208.50	1,244.75	1,282.00	1,320.50	1,360.00
6"	50	2,346.51		2,417.00	2,489.50	2,564.00	2,641.00	2,720.00
Construction Meter	1.5	70.40		72.51	74.69	76.92	79.23	81.60

4.12. Proposed UWPA Passthrough Fees

Table 10 shows the current and proposed passthrough fees for annual UWPA contributions based on an average water year.

Table 10. Current and Proposed Passthrough Fees

Water Year 2.5 (Average Contribution)								
			Fiscal Year	2025/26	2026/27	2027/28	2028/29	2029/30
			Effective Date	6/21/2025	6/21/2026	6/21/2027	6/21/2028	6/21/2029
			Proposed Increase	6.22%	6.22%	6.22%	6.22%	5.00%
Meter Size	Meter Cost Ratio	Current UWPA Passthrough Fee						
5/8"	1	\$13.91		\$14.78	\$15.70	\$16.67	\$17.71	\$18.60
3/4"	1.5	20.86		\$22.16	\$23.54	\$25.01	\$26.57	\$27.89
1"	2.5	34.77		\$36.94	\$39.24	\$41.68	\$44.28	\$46.49
1 1/2"	5	69.55		\$73.88	\$78.48	\$83.36	\$88.55	\$92.98
2"	8	111.27		\$118.20	\$125.56	\$133.38	\$141.68	\$148.76
3"	15	208.64		\$221.63	\$235.43	\$250.08	\$265.65	\$278.93
4"	25	347.73		\$369.39	\$392.38	\$416.81	\$442.75	\$464.89
6"	50	695.46		\$738.77	\$784.76	\$833.61	\$885.51	\$929.78
Construction Meter	1.5	20.86		\$22.16	\$23.54	\$25.01	\$26.57	\$27.89

4.13. Water Bill Impacts

Table 11 shows the bill impacts of the proposed water rates on a variety of usage levels for a typical residential user.

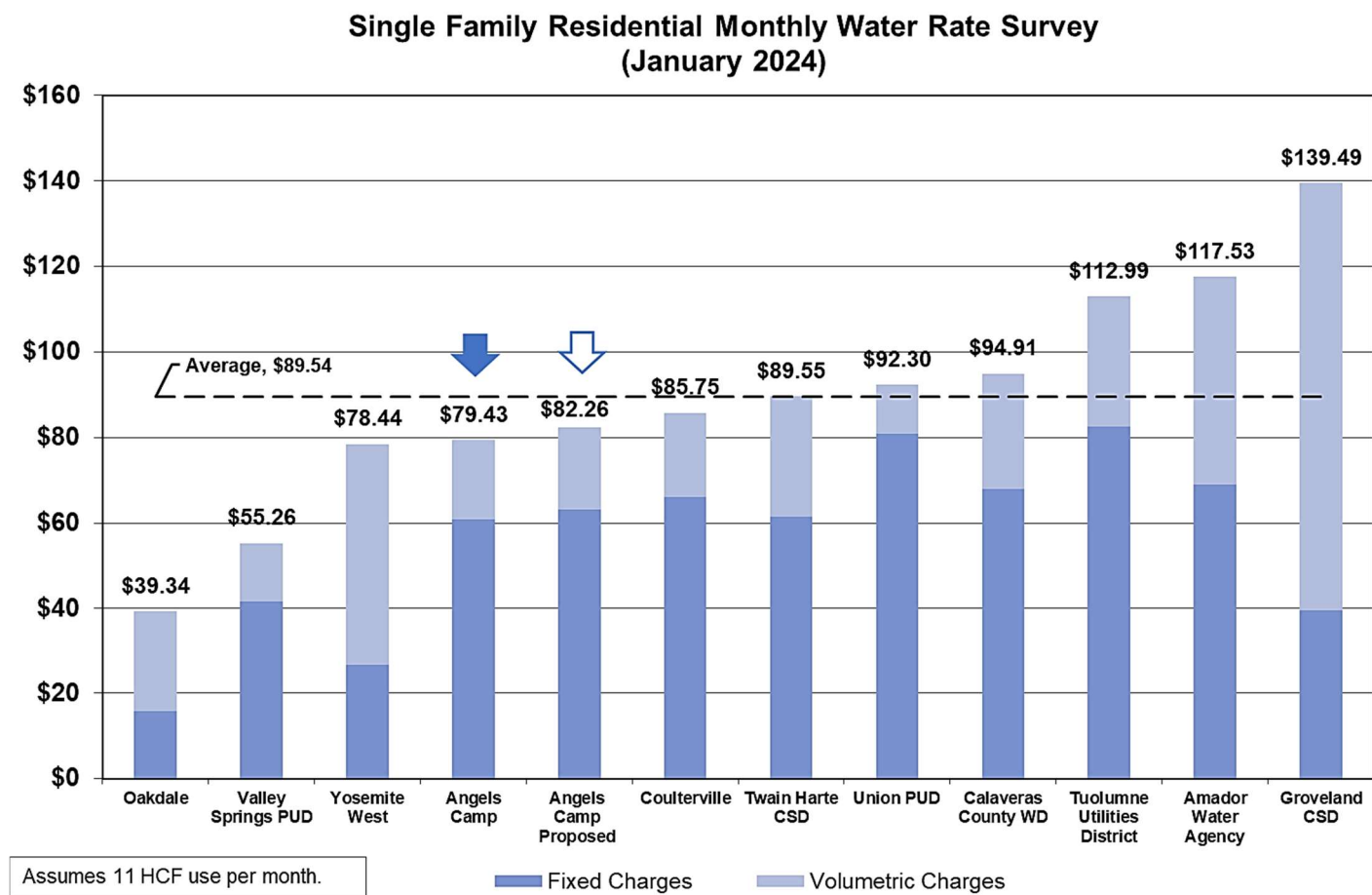
Table 11. Water Bill Impacts

Single Family Residential - 5/8" Meter							
Monthly Use	hcf	Current Billing	Projected 2025/26	Projected 2026/27	Projected 2027/28	Projected 2028/29	Projected 2029/30
Low	7	\$72.67	\$75.30	\$78.02	\$80.83	\$83.83	\$86.72
Average	11	79.43	82.26	85.18	88.19	91.43	94.56
Moderate	15	86.19	89.22	92.34	95.55	99.03	102.40
High	40	128.44	132.72	137.09	141.55	146.53	151.40

4.14. Regional Water Rate Survey

Figure 1 compares the water bills for a typical single family home to those of other regional agencies.

Figure 1: Regional Water Rate Survey



5. WASTEWATER SYSTEM OVERVIEW

5.1. Wastewater Treatment and Collection

The existing wastewater system is comprised of six lift stations, 4.5 miles of forced main lines, and 22.5 miles of gravity sewer lines. The system is comprised of three district sub-systems: Altaville, Downtown, and Angel Oaks/Greenhorn.

The Water Treatment Plant consists of headworks, an equalization basin, three sequencing batch reactors, an intermediate storage basin, four filters ultraviolet disinfection facilities, a diversion storage basin, two aerobic digesters, belt filter press, eight sludge drying beds, and a storage reservoir. Recycled water is used for irrigation of a 136-acre sprayfield adjacent to Holman Reservoir and the 110-acre Golf Course at Greenhorn Creek.

5.2. Current Wastewater Rates

Table 12 shows the City’s current wastewater rates. Current residential rates are based on dwelling units and commercial rates are based on connections per commercial establishment. Current wastewater rates for Other Institutions are per gallon of winter use, and per gallon of use for Six Mile Village (Outside Agency). BWA recommends updating the City’s current rate structure to include fixed charges for all user groups receiving wastewater services from the City.

Table 12. Current Wastewater Rates

<u>Residential</u>	<u>\$ / Dwelling Unit / Month</u>
Single Family	\$107.95
Mobile Home	107.95
Multi-Family	107.95
 <u>Commercial & Industrial</u>	 <u>\$ / Establishment / Month</u>
Commercial & Industrial	136.30
 <u>Other Institutional</u>	 <u>\$ / gallon , winter use</u>
Other Institutional	0.0208
 <u>Six Mile Village (Outside Agency)</u>	 <u>\$ / gallon</u>
Domestic-Strength	0.0144

5.3. Wastewater Enterprise Debt

Table 13 shows the wastewater enterprise’s current debt obligation schedules.

Table 13. Current Wastewater Enterprise Debt Schedules

2017 USDA Refinancing Loan Agreement (Wastewater)			
Repayment Date	Loan	Interest	Total Repayment
Sept. 1, 2017	\$119,510.00	\$35,877.95	\$155,387.95
Mar. 1, 2018	\$119,511.00	\$53,565.53	\$173,076.53
Sept. 1, 2018	\$113,769.00	\$51,934.21	\$165,703.21
Mar. 1, 2019	\$113,768.00	\$50,381.26	\$164,149.26
Sept. 1, 2019	\$114,970.00	\$48,828.33	\$163,798.33
Mar. 1, 2020	\$114,970.00	\$47,258.99	\$162,228.99
Sept. 1, 2020	\$118,722.00	\$45,689.65	\$164,411.65
Mar. 1, 2021	\$118,722.00	\$44,069.09	\$162,791.09
Sept. 1, 2021	\$122,469.00	\$42,448.54	\$164,917.54
Mar. 1, 2022	\$122,470.00	\$40,776.84	\$163,246.84
Sept. 1, 2022	\$126,213.00	\$39,105.12	\$165,318.12
Mar. 1, 2023	\$126,214.00	\$37,382.31	\$163,596.31
Sept. 1, 2023	\$129,953.00	\$35,659.49	\$165,612.49
Mar. 1, 2024	\$129,954.00	\$33,885.63	\$163,839.63
Sept. 1, 2024	\$133,690.00	\$32,111.76	\$165,801.76
Mar. 1, 2025	\$133,689.00	\$30,286.89	\$163,975.89
Sept. 1, 2025	\$137,420.00	\$28,462.04	\$165,882.04
Mar. 1, 2026	\$137,421.00	\$26,586.26	\$164,007.26
Sept. 1, 2026	\$141,147.00	\$24,710.46	\$165,857.46
Mar. 1, 2027	\$141,148.00	\$22,783.80	\$163,931.80
Sept. 1, 2027	\$144,870.00	\$20,857.13	\$165,727.13
Mar. 1, 2028	\$144,870.00	\$18,879.66	\$163,749.66
Sept. 1, 2028	\$148,587.00	\$16,902.18	\$165,489.18
Mar. 1, 2029	\$148,589.00	\$14,873.97	\$163,462.97
Sept. 1, 2029	\$152,301.00	\$12,845.73	\$165,146.73
Mar. 1, 2030	\$152,301.00	\$10,766.82	\$163,067.82
Sept. 1, 2030	\$156,009.00	\$8,687.91	\$164,696.91
Mar. 1, 2031	\$156,009.00	\$6,558.39	\$162,567.39
Sept. 1, 2031	\$162,230.00	\$4,428.87	\$166,658.87
Mar. 1, 2032	\$162,229.00	\$2,214.43	\$164,443.43
TOTALS:	\$4,043,725.00	\$888,819.24	\$4,932,544.24

State Department of Water Resources (Wastewater)			
Fiscal Year Ended June 30,	Principal	Interest	Total Repayment
2018	\$13,858	\$2,071	\$15,929
2019	\$13,996	\$1,933	\$15,929
2020	\$14,136	\$1,793	\$15,929
2021	\$14,278	\$1,651	\$15,929
2022	\$14,420	\$1,509	\$15,929
2023 - 2027	\$74,294	\$5,351	\$79,645
2028 - 2031	<u>\$62,155</u>	<u>\$1,561</u>	<u>\$63,716</u>
Totals	\$207,137	\$15,869	\$223,006

5.4. Capital Improvement Plan

As shown on **Table 14**, the near term CIP has identified capital project costs in the amount of \$7.00 million. The projects aim to increase the safety and security of the system and to promote regulatory compliance. The City estimates the wastewater enterprise will obtain a \$567,000 loan in FY 2026/27 to fund the projected capital program.

Table 14. Wastewater Enterprise Capital Improvement Plan

<u>Project Name & Description</u>	<u>2024/25</u>	<u>2025/26</u>	<u>2026/27</u>	<u>2027/28</u>	<u>2028/29</u>	<u>2029/30</u>	<u>Totals</u>
WWTP 1							
Emergency Storage Basin Improvements				\$275,000	\$275,000		\$550,000
WWTP 2							
Grit Removal Systems		350,000	350,000				\$700,000
WWCS 1 & 2							
Booster Way Sewerline	1,950,000	950,000					\$2,900,000
WWCS 3							
Main Street Sewer Replacement			700,000				\$700,000
WWCS 4							
Murphys Grade Rd Sewer Rehabilitation				380,000	380,000		\$760,000
I & I Projects				300,000			\$300,000
Capital Projects	<u>95,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,000,000</u>	\$1,095,000
Total Sewer CIP	\$2,045,000	\$1,300,000	\$1,050,000	\$955,000	\$655,000	\$1,000,000	\$7,005,000

5.5. Cash Flow Projection

Table 15 shows the wastewater enterprise 10-year cash flow projection. BWA determined that the City needs to raise rate revenues by 2% per year for the next 5 years to meet the goal of funding the City’s operating and capital needs.

Table 15. Wastewater Cash Flow Projections

Fiscal Year	Projected										
	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2032/34	2032/35
Beginning Fund Balance	\$5,830,442	\$5,280,531	\$5,531,513	\$6,534,449	\$7,104,499	\$7,953,053	\$8,431,815	\$8,751,536	\$8,914,773	\$9,236,990	\$9,373,603
% Rate Revenue Increase	0.00%	2.00%	2.00%	2.00%	2.00%	2.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Growth - %	3.1%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
REVENUES											
Operating Revenue											
Sewer Service Fee - O&M	\$3,587,146	\$3,728,996	\$3,803,575	\$3,879,647	\$3,957,240	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385	\$4,036,385
Sewer Connection Fee	0	0	0	0	0	0	0	0	0	0	0
Misc. Revenue	0	0	0	0	0	0	0	0	0	0	0
Interest Earnings	122,400	126,072	129,854	133,750	137,762	141,895	146,152	150,537	155,053	159,704	164,495
Total Operating Revenues	3,709,546	3,855,068	3,933,430	4,013,397	4,095,002	4,178,280	4,182,537	4,186,921	4,191,437	4,196,089	4,200,880
Non Operating Revenues											
Projected Loan (6%, 20 Years)	0	0	566,500	0	0	0	0	0	0	0	0
Total Non Operating Revenues	0	0	566,500	0	0	0	0	0	0	0	0
Total Revenues	3,709,546	3,855,068	4,499,930	4,013,397	4,095,002	4,178,280	4,182,537	4,186,921	4,191,437	4,196,089	4,200,880
EXPENSES											
Operating Expenses											
Personnel Costs	611,316	641,882	673,976	707,675	743,059	780,212	819,222	860,184	903,193	948,352	995,770
Sewer UL	62,721	65,857	69,150	72,607	76,237	80,049	84,052	88,254	92,667	97,300	102,165
Utilities	226,417	237,738	249,625	262,106	275,211	288,972	303,420	318,591	334,521	351,247	368,809
Repairs & Maintenance	178,625	187,556	196,934	206,781	217,120	227,976	239,375	251,343	263,910	277,106	290,961
Tools & Equipment	10,000	10,500	11,025	11,576	12,155	12,763	13,401	14,071	14,775	15,513	16,289
Professional Services	173,805	182,495	191,620	201,201	211,261	221,824	232,915	244,561	256,789	269,629	283,110
Materials & Supplies	139,236	146,198	153,507	161,183	169,242	177,704	186,589	195,919	205,715	216,000	226,800
Other Services & Charges	188,200	197,610	207,491	217,865	228,758	240,196	252,206	264,816	278,057	291,960	306,558
O&M Cost Allocations	200,000	210,000	220,500	231,525	243,101	255,256	268,019	281,420	295,491	310,266	325,779
Total Operating Expenses	1,790,320	1,879,836	1,973,828	2,072,519	2,176,145	2,284,952	2,399,200	2,519,160	2,645,118	2,777,374	2,916,242
Non Operating Expenses											
Vehicle Replacement	78,431	78,431	78,431	21,406	21,406	21,406	21,406	21,406	17,086	17,086	17,086
Projected Loan Debt Service			49,016	49,016	49,016	49,016	49,016	49,016	49,016	49,016	49,016
Existing Debt Service	345,707	345,818	345,718	345,406	344,881	344,144	343,193	331,102	0	0	0
Capital	2,045,000	1,300,000	1,050,000	955,000	655,000	1,000,000	1,050,000	1,103,000	1,158,000	1,216,000	1,277,000
Total Non Operating Expenses	2,469,138	1,724,249	1,523,166	1,370,828	1,070,303	1,414,566	1,463,616	1,504,525	1,224,102	1,282,102	1,343,102
Total Expenses	4,259,458	3,604,085	3,496,993	3,443,347	3,246,448	3,699,518	3,862,815	4,023,684	3,869,220	4,059,476	4,259,345
Net Revenues for Debt Service / Capital	1,919,226	1,975,232	2,526,102	1,940,878	1,918,857	1,893,328	1,783,337	1,667,761	1,546,320	1,418,715	1,284,638
Net Income	(549,911)	250,982	1,002,936	570,050	848,554	478,762	319,721	163,237	322,217	136,613	(58,465)
Ending Fund Balance	\$5,280,531	\$5,531,513	\$6,534,449	\$7,104,499	\$7,953,053	\$8,431,815	\$8,751,536	\$8,914,773	\$9,236,990	\$9,373,603	\$9,315,138
Total Unrestricted Fund Target (25% O&M)	447,580	469,959	493,457	518,130	544,036	571,238	599,800	629,790	661,279	694,343	729,061
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Debt Service Coverage (Min. 1.3x)	5.6	5.7	6.4	4.9	4.9	4.8	4.5	4.4	31.5	28.9	26.2
Target Met	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

5.6. Cost Allocation

Table 16 shows the projected wastewater flows and loadings of the City's wastewater customers by equivalent dwelling units (EDUs). BWA estimates total flows to the wastewater system of 435,155 gallons per day or 212,327 hundred cubic feet (hcf) annually. Total annual estimated projected biochemical oxygen demand (BOD) amounts to 265,148 pounds and total estimated suspended solids (SS) amounts to 265,148 pounds.

Table 16. Flows and Loadings

	# of Sewer EDUs	Est. Mo Flow (hcf) Per EDU ¹	Projected Wastewater Flow			Strength (mg/l)		Loadings (lbs)	
			hcf	mg	gpd	BOD	SS	BOD	SS
Total Residential	1,942	7	161,681	121	331,358	200	200	201,903	201,903
Total Commercial & Industrial	<u>221</u>	Varies ²	<u>50,646</u>	<u>38</u>	<u>103,797</u>	200	200	<u>63,245</u>	<u>63,245</u>
Total	2,163		212,327	159	435,155			265,148	265,148

¹ Based on analysis of City of Angel's Camp water use billing records from 2019-2024.

² A typical commercial account uses approximately 9 hcf per account per month.

Table 17 shows an allocation of the various cost categories of the wastewater enterprise in FY 2023/24. BWA recommends recovering 75% of wastewater costs based on flow and 25% based on strength components. Excluding the additional revenue generated from minimum charges, rate revenue requirement in FY 2023/24 is \$3,303,690, with a cost of \$11.67 per hcf of flow, \$1.56 per pound of BOD and \$1.56 per pound of SS.

Table 17. Wastewater Cost Allocation

Costs Allocated to All Customers	2023/24	Allocation %			Allocation \$			Projected Loadings (lbs)		
		Flow	BOD	SS	Flow	BOD	SS	Flow (hcf)	BOD	SS
								237,078	414,470	374,999
Operating Cost Component										
Personnel Costs	\$461,953	75.0%	12.5%	12.5%	\$346,465	\$57,744	\$57,744	\$1.46	\$0.14	\$0.15
Sewer UL	66,836	75.0%	12.5%	12.5%	50,127	8,355	8,355	0.21	0.02	0.02
Utilities	302,000	75.0%	12.5%	12.5%	226,500	37,750	37,750	0.96	0.09	0.10
Repairs & Maintenance	150,500	75.0%	12.5%	12.5%	112,875	18,813	18,813	0.48	0.05	0.05
Tools & Equipment	11,000	75.0%	12.5%	12.5%	8,250	1,375	1,375	0.03	0.00	0.00
Professional Services	174,200	75.0%	12.5%	12.5%	130,650	21,775	21,775	0.55	0.05	0.06
Materials & Supplies	154,379	75.0%	12.5%	12.5%	115,784	19,297	19,297	0.49	0.05	0.05
Other Services & Charges	190,600	75.0%	12.5%	12.5%	142,950	23,825	23,825	0.60	0.06	0.06
O&M Cost Allocations	<u>150,000</u>	<u>75.0%</u>	<u>12.5%</u>	<u>12.5%</u>	<u>112,500</u>	<u>18,750</u>	<u>18,750</u>	<u>0.47</u>	<u>0.05</u>	<u>0.05</u>
Total Operating Expenses	1,661,468				1,246,101	207,684	207,684	5.26	0.50	0.55
Capital Cost Component										
Vehicle Replacement	78,431	75.0%	12.5%	12.5%	58,823	9,804	9,804	0.25	0.02	0.03
Existing Debt Service	345,381	75.0%	12.5%	12.5%	259,036	43,173	43,173	1.09	0.10	0.12
Capital	<u>2,595,000</u>	<u>75.0%</u>	<u>12.5%</u>	<u>12.5%</u>	<u>1,946,250</u>	<u>324,375</u>	<u>324,375</u>	<u>8.21</u>	<u>0.78</u>	<u>0.87</u>
Total Capital Expenses	3,018,812				2,264,109	377,352	377,352	9.55	0.91	1.01
Total Expenses	4,680,280				3,510,210	585,035	585,035	14.81	1.41	1.56
Adjustments										
Less: Non-Rate Operating Revenue	(120,000)	75.0%	12.5%	12.5%	(90,000)	(15,000)	(15,000)	(0.38)	(0.04)	(0.04)
Less: Minimum Charges	(177,085)	75.0%	12.5%	12.5%	(132,814)	(22,136)	(22,136)	(0.63)	(0.08)	(0.08)
Less: Use of Reserves	<u>(1,079,505)</u>	<u>75.0%</u>	<u>12.5%</u>	<u>12.5%</u>	<u>(809,628)</u>	<u>(134,938)</u>	<u>(134,938)</u>	<u>(3.42)</u>	<u>(0.33)</u>	<u>(0.36)</u>
Total adjustments	(1,376,590)				(1,032,442)	(172,074)	(172,074)	(4.86)	(0.65)	(0.65)
Revenue Requirement	\$3,303,690				\$2,477,768	\$412,961	\$412,961	\$11.67	\$1.56	\$1.56

Table 18 shows the calculation of costs for each customer class.

BWA divided the total costs allocated to residential users by total residential dwelling units to derive a rate of \$107.95 per month per residential dwelling unit.

For all non-residential users, BWA divided total costs allocated to Commercial and Industrial customers to determine a rate of \$0.0208 per gallon of estimated winter use flow. Winter use is calculated as the monthly use from January – April of the prior year divided by four. BWA recommends establishing minimum charges per account per month based on typical use for commercial accounts, approximately 9 hcf per month. The minimum charge is recommended for non-residential accounts because the costs of operating the wastewater system are largely fixed regardless of customer usage. The minimum charge ensures that customers are paying to maintain their share of the system capacity. Mixed use customer minimum charges are recommended to be one commercial account minimum charge plus one residential charge per dwelling unit.

Table 18. Wastewater Rate Calculation

	# of Sewer EDUs	Est. Mo Flow (hcf) Per EDU	Projected Wastewater Flow			Loadings (lbs)		FY 2023/24 Unit Rate Per Class			FY 2023/24 Cost Recovery			FY 2023/24 Recalculated
			hcf	mg	gpd	BOD	SS	\$/hcf	\$/lb BOD	\$/lb SS	\$/hcf	\$/lb BOD	\$/lb SS	
Total Residential	1,942	7	161,681	121	331,358	201,903	201,903	\$11.67	\$1.56	\$1.56	\$1,886,750	\$314,458	\$314,458	\$107.95
Total Commerical & Industrial	<u>221</u>	Varies ¹	<u>50,646</u>	<u>38</u>	<u>103,797</u>	<u>63,245</u>	<u>63,245</u>	\$11.67	\$1.56	\$1.56	<u>\$591,018</u>	<u>\$98,503</u>	<u>\$98,503</u>	\$0.0208 ²
Totals	2,163		212,327	159	435,155	265,148	265,148				\$2,477,768	\$412,961	\$412,961	\$3,303,690

¹ A typical commercial account uses approximately 9 hcf per account per month.

² Users subject to minimum charges per account per month, based on typical monthly use for commercial users (~9 hcf).

5.7. Proposed Wastewater Rates & Bill Impacts

Table 19 shows the proposed wastewater rates. The first year of the proposed rates includes a one-time update to the rate structure, where all residential users are billed per dwelling unit, and all non-residential users are charged based on their winter usage, with a minimum charge per account. The wastewater utility will also require 2% annual rate increases to keep revenues in line with inflation and prevent rates from falling behind the cost of providing services.

The proposed rates represent the maximum annual increases. Actual annual increases implemented may be less than proposed, as approved by the City Council each year. BWA recommends that the City continue to perform regular rate studies to ensure future wastewater rates are aligned with the cost of service.

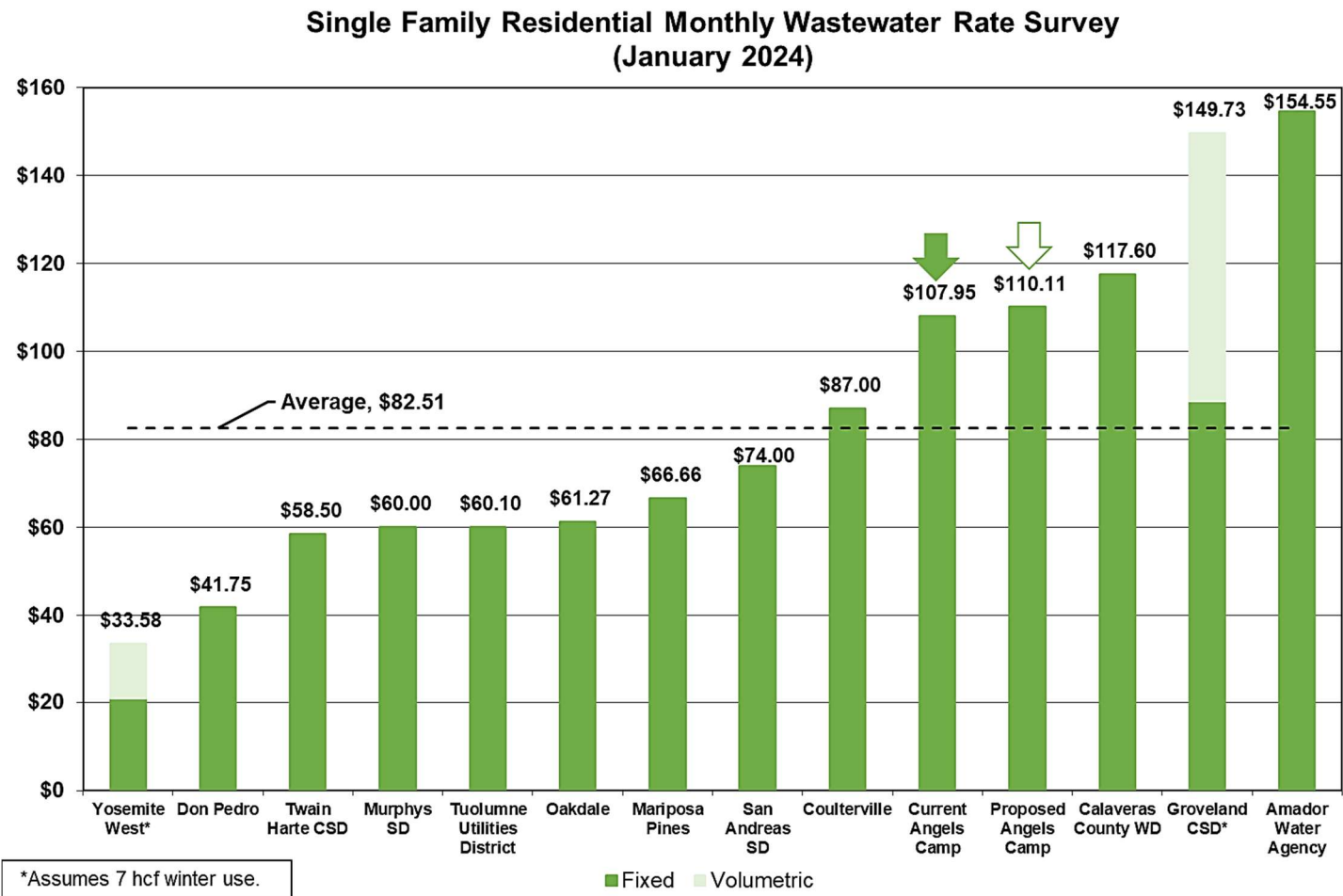
Table 19. Proposed Wastewater Rates

		Fiscal Year	2025/26	2026/27	2027/28	2028/29	2029/30
		Effective Date	6/21/2025	6/21/2026	6/21/2027	6/21/2028	6/21/2029
		Proposed Increase	2.0%	2.0%	2.0%	2.0%	2.0%
User Class	Current Rates	Proposed Monthly Fixed Rate					
Residential	\$/month						
Single Family, Mobile Home, Multi-Family	\$107.95	\$110.11	\$112.31	\$114.56	\$116.85	\$119.19	
	\$/gallon						
Six Mile Village - Residential	0.0144	110.11	112.31	114.56	116.85	119.19	
Non - Residential¹		Proposed Volumetric Rate (\$ / gallon, winter use)					
Commercial & Industrial	\$ / Establishment 136.30	0.0212	0.0216	0.0220	0.0224	0.0228	
Other Institutional	\$ / gallon, winter use 0.0208	0.0212	0.0216	0.0220	0.0224	0.0228	
Six Mile Village - Non Residential	\$/gallon 0.0144	0.0212	0.0216	0.0220	0.0224	0.0228	
¹ Minimum Wastewater Charges (\$/ month)		139.03	141.81	144.65	147.54	150.49	

5.8. Regional Wastewater Rate Survey

Figure 2 compares the wastewater bills for a typical single family home to those of other regional agencies.

Figure 2: Regional Wastewater Rate Survey



6. LOW INCOME DISCOUNT

To help offset the impact of rate increases for low-income customers, the City has established a low-income discount program utilizing non-rate sources of revenue (late payment fees), estimated at approximately \$20,000 per year for water and \$20,000 per year for wastewater. The applicant may only apply for their permanent residence, must be the bill payer of record, and must provide a copy of a current PG&E bill showing participation in the PG&E CARE Program or required documentation verifying a household income at or below 200% of the federal poverty guidelines.

Once applicants are approved by City staff, they would receive the following credits (as funds are available):

- Water only customers: \$2.68 per monthly billing period
- Wastewater only customers: \$2.68 per monthly billing period
- Water & Wastewater customers: \$5.36 per monthly billing period

RESOLUTION NO 25-31

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ANGELS
AUTHORIZING THE WATER AND WASTEWATER RATE INCREASE FOR FISCAL
YEAR 2025/26

WHEREAS, The City of Angels (“City”) provides water services to City residents and businesses; and

WHEREAS, the City approved Resolution No. 25-06 at the Public Hearing on February 4, 2025 concluding the Proposition 218 process and authorizing the water and wastewater rate increase for Fiscal Year 2025/26 through Fiscal Year 2029/30; and

WHEREAS, the City decided to set rates based on the Water and Wastewater 2024 Rate Study annually prior to budget.

NOW, THEREFORE, BE IT RESOLVED by the City Council for the City of Angels Camp follows:

1. Water Rate increase shall be _____% for Fiscal Year 2025/26 effective June 21, 2025
2. Wastewater Rate increase shall be _____% for Fiscal Year 2025/26 effective June 21, 2025
3. Utica Water Rate increase shall be _____% for Fiscal Year 2025/26 effective June 21, 2025

ON A MOTION BY _____, seconded by _____, the forgoing revised resolution was duly passed and adopted this 3rd day of June, 2025 by the following vote:

AYES:
NAYS:
ABSENT:
ABSTAIN:

Michael Chimente, Mayor

Rose Beristianos, Deputy City Clerk

HOME OF THE JUMPING FROG





MEMORANDUM

City Council

Date: June 3, 2025

To: City Council

From: Amy Augustine, City Planner

Re: ADOPT RESOLUTION 25-29 APPROVING THE CITY OF ANGELS LIST OF TRANSPORTATION PROJECTS FOR THE REGIONAL TRANSPORTATION PLAN

Recommendation:
Adopt Resolution 25-29 as presented, or with changes.

Background and Discussion:
The Calaveras Council of Governments (CCOG) is updating the Regional Transportation Plan (RTP). An update is required once every four years. The RTP identifies all types of transportation improvements to keep people and goods moving efficiently and safely over the next 20 years. The RTP is comprehensive and addresses roadways, bridges, bicycle paths/lanes, sidewalks, crosswalks, bus stops, airports and goods movement (trucking). The RTP reviews the regional transportation system today, identifies problems or deficiencies with all types of transportation facilities, then sets forth transportation projects to fix the transportation deficiencies and meet the long-term goals of the community.

Much of the state and federal funding to fix these transportation deficiencies passes through the CCOG. It is important for the City to have an established list of planned transportation projects (facilities) ranked in order of priority to be competitive in obtaining funding to meet the city's transportation goals as set forth in the City of Angels 2020 General Plan Circulation Element.

To that end, City Staff assembled a committee which met and reviewed the extensive list of planned future transportation projects in past RTPs and the General Plan. The committee included the City Engineer, City Public Works Superintendent, City Administrator, City Police Chief, City Fire Captain, and the City Planner. The committee ranked all transportation facilities in terms of priority relative to three factors:

- A. Ability to improve motorized transportation in and around the City (Circulation)
- B. Safety (Including Emergency Access and pedestrian safety)
- C. Economic Development potential

Motorized transportation projects (i.e., new roadways) are ranked separately from non-motorized projects (e.g., trails, sidewalks, crosswalks). Non-motorized facilities are ranked separately in large part because funding sources for these projects differ significantly from funding sources for motorized transportation. Non-motorized projects are sometimes referred to as the Active Transportation and

Recreational Trails Plan (ATRTP). The ATRTP does not include golf cart paths which are not a recognized category in the state/federal transportation system at this time.

Following this exercise, the City Engineer, City Planner, and City Administrator met at CCOG with the consultants preparing the RTP and ATRTP to refine the lists and project descriptions. The resulting lists are in **Attachment A**. Please note that Caltrans funded projects (e.g., roundabouts) are not included in the City’s list of proposed projects. Caltrans will submit a separate list of state-funded projects for the RTP. The list will be subject to public review and input in conjunction with outreach for the RTP.

In addition to establishing the attached list of motorized and non-motorized Transportation Projects; the City is in the midst of updating its Traffic Impact Mitigation Fees (TIMF). TIMFs are charged to new development to offset a portion of the costs of capital improvement projects for new roads and circulation improvements associated with new development. TIMFs do not fund road maintenance. The City Council adopted the current 2016 TIMF study on a vote of 3-2 per Resolution 16-25 on June 21, 2016. The study was based on a projected 2.5% projected growth rate, which has not occurred.

The staff committee establishing the attached list included both priority projects (which will be considered in the RTP and TIMF list and planned within the next 10 years) and non-priority projects (i.e., other projects that the city may want in the future, but are expected to occur in 11 years or more). These “non-priority” projects are included as placeholders for future plan updates. The “non-priority” projects are neither ranked in order of priority nor is the cost of these projects considered in either the RTP or the TIMF update.

Staff are requesting approval of the attached resolution, as required by CCOG, to include the list of proposed motorized and non-motorized projects in the RTP and ATRTP. Inclusion in the attached list does NOT mean that all projects will also be included in the Traffic Impact Mitigation Fee Study. As necessary to establish a reasonable TIMF, some projects may be excluded for the term of the TIMF funding cycle.

Strategic Plan Alignment

B5 Land Use Provide *a well-organized and orderly development pattern that maintains and enhances Angels Camp’s social, economic, cultural, environmental, and aesthetic resources while managing growth so that adequate facilities and services can be provided in pace with development.*

An update to the City’s 2016 TIMF will assist in ensuring adequate facilities and services (transportation related) will be provided in pace with development.

Environmental

The project is categorically exempt from the California Environmental Quality Act (CEQA) and state and city guidelines for implementation of said act pursuant to Section 15306, Class 6 of the state guidelines which states that CEQA does not apply to basic data collection or research which does not result in a serious or major disturbance to an environmental resource. These may be strictly for information gathering purposes, or as part of a study leading to an action which a public agency has not yet approved, adopted, or funded. The project includes collecting and analyzing data to prepare a report related to potential fees which have not yet been approved or adopted. Therefore, no analysis of potential impacts is required at this time.

Financial Impact

Failure to include an up-to-date list of regional transportation projects in the RTP and ATRTP reduces the city’s ability to gain outside funding from state and federal sources and other grant funding sources.

Attachment

Resolution 25-29 with **Attachment A** (List of Motorized and Non-Motorized Projects)

CITY OF ANGELS
CITY COUNCIL
RESOLUTION No. 25-29

A RESOLUTION OF THE CITY OF ANGELS CITY COUNCIL ADOPTING MOTORIZED AND NON-MOTORIZED
TRANSPORTATION PROJECTS FOR THE REGIONAL TRANSPORTATION PLAN (RTP) AND ACTIVE
TRANSPORTATION AND RECREATIONAL TRAILS PLAN (ATRTP)

WHEREAS, the Calaveras Council of Governments (CCOG) is updating the Calaveras County Regional
Transportation Plan (RTP) and Active Transportation and Recreational Trails Plan (ATRTP); and

WHEREAS, the ability to secure state and federal funding for transportation projects is closely linked to
the list of projects included in these Plans; and

WHEREAS, in consideration of improved circulation, safety, and economic development the City has
prioritized a list of transportation improvements most beneficial to the City;

NOW, THEREFORE BE IT RESOLVED that the City Council of the City of Angels hereby adopts the
attached list (**Attachment A**) of short and long-term motorized and non-motorized transportation
projects.

PASSED AND ADOPTED this 3rd day of June 2025, by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Michael Chimento, Mayor

Rose Beristianos, City Clerk



HOME OF THE JUMPING FROG

Motorized Transportation (in order of priority) – 0-10 Year Capital Improvements

Facility Name	Description	Benefits	Cost Estimate
Foundry Lane Phase 1 & Phase 2; Round-about at intersection	Urban Expressway: New road north from intersection of Foundry Lane/SR 4 to SR 49 – Provides connection between SR 4 and SR 49 around the 4/49 high volume and congested intersection and opens 133± acres to new mixed-use development. Access from SR 4 (25 years in the making) scheduled before the California Transportation Commission June, 2025. Established per joint study and community effort in the <i>Angels Camp State Route 4 and State Route 49 Gateway Corridor Study, Angels Camp, CA [Caltrans, Calaveras Council of Governments, City of Angels] Jan. 2016</i>	Circulation Economic Development Safety (Emergency Evacuation)	\$8,741,500
Greenhorn Creek (GHC) to Finnegan Lane Connector	First portion of the Greenhorn Creek Road South Extension to SR 49. First phase is 500± feet – See Also Angels Creek Trail.	Safety (Emergency Evacuation) Economic Development Some circulation	\$350,000
Blair Mine Road in GHC to Stockton Road connector	Arterial Urban/Collector/Minor/Arterial Rural. Connections from Blair Mine Road outlet (between GHC Lots 443, 444) to Stockton Road northwest to GHC subdivision	Safety (Emergency Evacuation)	\$450,000
Stockton Road widening	Improve to collector standards (See also bike/pedestrian facilities proposed) from SR 49/Savemart Shopping Center to Angel Oaks/Greenhorn Creek Road	Circulation	\$2,704,170
Tryon Road to Greenstone Mine/SR 49 Connector	Connection from Tryon Road to SR 49 via on-site roadways from Tryon Road off Vallecito near Fire Station #1 to allow for emergency evacuation around SR 49 Bridge over Angels Creek and to SR 49 in the vicinity of the PG&E substation adjacent to SR 49 and south of the Annex during extreme flooding	Safety (Emergency Evacuation)	\$1,250,000
Murphys Grade Road and SR 49 Intersection Improvements	Improve intersection to allow for large truck turns at the intersection to allow for Business Attraction and Expansion (BAE) parcels development on Murphys Grade Road. Also improve visibility to east/west traffic	Economic Development (allows for truck turns) Circulation	\$952,500
Sierra Avenue (GHC) to Tuolumne Avenue Connector	Arterial Urban/Collector/Minor/Arterial Rural Angel Oaks/Greenhorn Creek Road at Gateway Park along dirt Sierra Avenue to Tuolumne Avenue	Safety (Emergency Evacuation)	\$250,000
Road “A”	Construct new, 2-lane roadway from near the terminus of Clifton Lane, around Country Lane Estates, to Dogtown Road.	Circulation	\$2,400,000
Return to Historic Downtown Loop (North 49)	City of Angels, Caltrans, Calaveras Council of Governments. May 2017. <i>Angels Camp Main Street Plan, Final</i>	Circulation Economic Development Safety	\$500,000

	Construct new street entrance to Utica Park through parcel purchased south of former Napa Parking Lot and make Sam's Way a one-way exit			Section 10, Item E.
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Motorized Transportation – 11-20 Year Capital Improvements

Facility Name	Description	Benefits	Cost Estimate
(In order)			
1. GHC Southwest Connector	GHC to SR 49		\$20,043,000
2. Tryon Southeast Connector	South SR 49 to Vallecito Rd/East SR 4. Includes connection to Fairgrounds.		\$75,000,000
3. Demarest Extension	Connect Demarest to Stockton Road (behind Savemart Shopping Center)		\$619,900
4. Foundry Lane Phase III (Angel Oaks/Greenhorn Creek Road Extension)	Extend Angel Oaks/Greenhorn Creek Road across SR 4 and up to intersect with Foundry Lane. Will require revised encroachment from Caltrans.		\$12,213,000
(Not in order)			
Kurt Drive Extension	Stelte Park to Murphys Grade Road		\$5,473,500
Purdy Road Extension to Kurt Drive	Purdy Road to Kurt Drive Extension (See Kurt Drive Extension)		\$217,000
Rolleri Bypass /Murphys Grade Road Intersection Improvements	Improve intersection at Rolleri Bypass and Murphys Grade Road		\$709,500
Moxie Connector	Gold Cliff Road to McCauley Ranch Road at location of existing emergency access		\$1,206,000
Assess Booster Way Bridge	Assess Booster Way bridge for necessity to improve and/or widen. Cost includes widening Booster Way.		\$1,656,000
Murphys Grade Road widen, realign	Widen and realign from SR 49 to French Gulch Road and upgrade to minimum standards		\$15,000,000

Non-Motorized Transportation (in order of priority) – 0-10 Year Capital Improvements

Facility Name	Description	Benefits	Cost Estimate
Angels Creek Trail Phase 1 and Phase 2	<p>Phase 1 – Class III facility from SR 49 to Finnegan Lane at Finnegan Court. Class 1 or Class II facility from Finnegan Lane to Greenhorn Creek dead-end</p> <p>Phase 2 – SR 49 Crosswalk, Class 1 Facility from SR 49, to new pedestrian bridge over Angels Creek; through City Parking lot along Angels Creek through Tryon Park and continuing along Angels Creek to the Kurt Drive/Vallecito Road bridge and intersection</p>	<p>Circulation Safety Economic Development</p>	
Stockton Road (SR 49 to Angel Oaks/GHC Road)	Bike/Ped (combination Class I, II, III) along Stockton Road from SR 49 (Savemart Shopping Center) to Greenhorn Creek Road	<p>Circulation Safety</p>	
North Main Street Plan Improvements	<p>Calaveras Council of Governments, City of Angels, Caltrans. May, 2020. <i>Angels Camp North Main Street Plan, Final.</i></p> <p>Implement:</p> <ol style="list-style-type: none"> 1. Copello SR 49 Crosswalk 2. Bicycle Pedestrian Path along SR 49 3. Short-term projects 	<p>Safety (School) Circulation Economic Development</p>	
Stanislaus Avenue	Sidewalks from Twain Harte Elementary School to Gold Cliff Road (Complete Gap from School to Gold Cliff, one side)	Safety (School)	
San Joaquin Avenue	Sidewalks Bighorn Mobilehome Park to Twain Harte Elementary (one side)	Safety (School)	
Demarest	Sidewalks from Bighorn MHP to Stockton Road along existing dirt road/future road behind Savemart to Stockton Road	Circulation	
Angels Camp Main Street Plan Crosswalk/Intersection Improvements	<p>City of Angels, Caltrans, Calaveras Council of Governments. May 2017. <i>Angels Camp Main Street Plan, Final</i></p> <ol style="list-style-type: none"> 1. Implement intersection improvements at the Rasberry Intersection per the plan (bulbouts, pedestrian signalization, re-define crosswalks) 2. Implement intersection improvements at the Vallecito SR 49, including gateway improvements 3. Mark Twain Intersection Improvements (Crosswalks) 4. Intersection improvements from Crusco's alley (1240 S. Main) to 1239 S. Main 	<p>Circulation Safety Economic Development</p>	
Monte Verda/SR 49 Intersection and crosswalks	Improve safety and pedestrian crossings over SR 49 and across Monte Verda at this intersection	Safety	

PARKING Transportation – 0-10 Years

Facility Name	Description	Benefits	Cost Estimate
Expand Raspberry (Slate Circle) Parking Lot	City of Angels, Caltrans, Calaveras Council of Governments. May 2017. <i>Angels Camp Main Street Plan, Final</i>		
Construct 2-story Napa Parking Lot			
Construct parking lot adjacent to new Utica Park ingress	City of Angels, Caltrans, Calaveras Council of Governments. May 2017. <i>Angels Camp Main Street Plan, Final</i>		
Increase parking lot safety	Add lighting (Vallecito City Lot)		

Recreational Non-Motorized Transportation – 0-10 Years

Facility Name	Description	Benefits	Cost Estimate
Angels Creek Trail Phase 3 and Phase 4	Phase 3: Finnegan Lane to City Wastewater Treatment Plant, including bridge across Angels Creek Phase 4: City Wastewater Treatment Plant to New Melones Reservoir		
Bike/Pedestrian Bridge Finnegan Lane to Annex	Bike/Pedestrian bridge across Angels Creek to Annex (vicinity of Mayo Street)		
Utica Park to Mark Twain	Class I or Class II facility from Utica Park through property adjacent to Utica/Lightner Park properties to Mark Twain		
Bush Street – Utica Park to Finnegan Lane	Class III from Utica Park, along Bush Street to Finnegan Lane		

Transit Transportation – 0-10 Years

Facility Name	Description	Benefits	Cost Estimate
Dial-A-Ride	Increase availability of dial-a-ride for Angels Camp seniors, disabled, without cars		
North Main Street Plan Shelter/Stop	Calaveras Council of Governments, City of Angels, Caltrans. May, 2020. <i>Angels Camp North Main Street Plan, Final.</i> Copello Transit Stop (See Transit)		

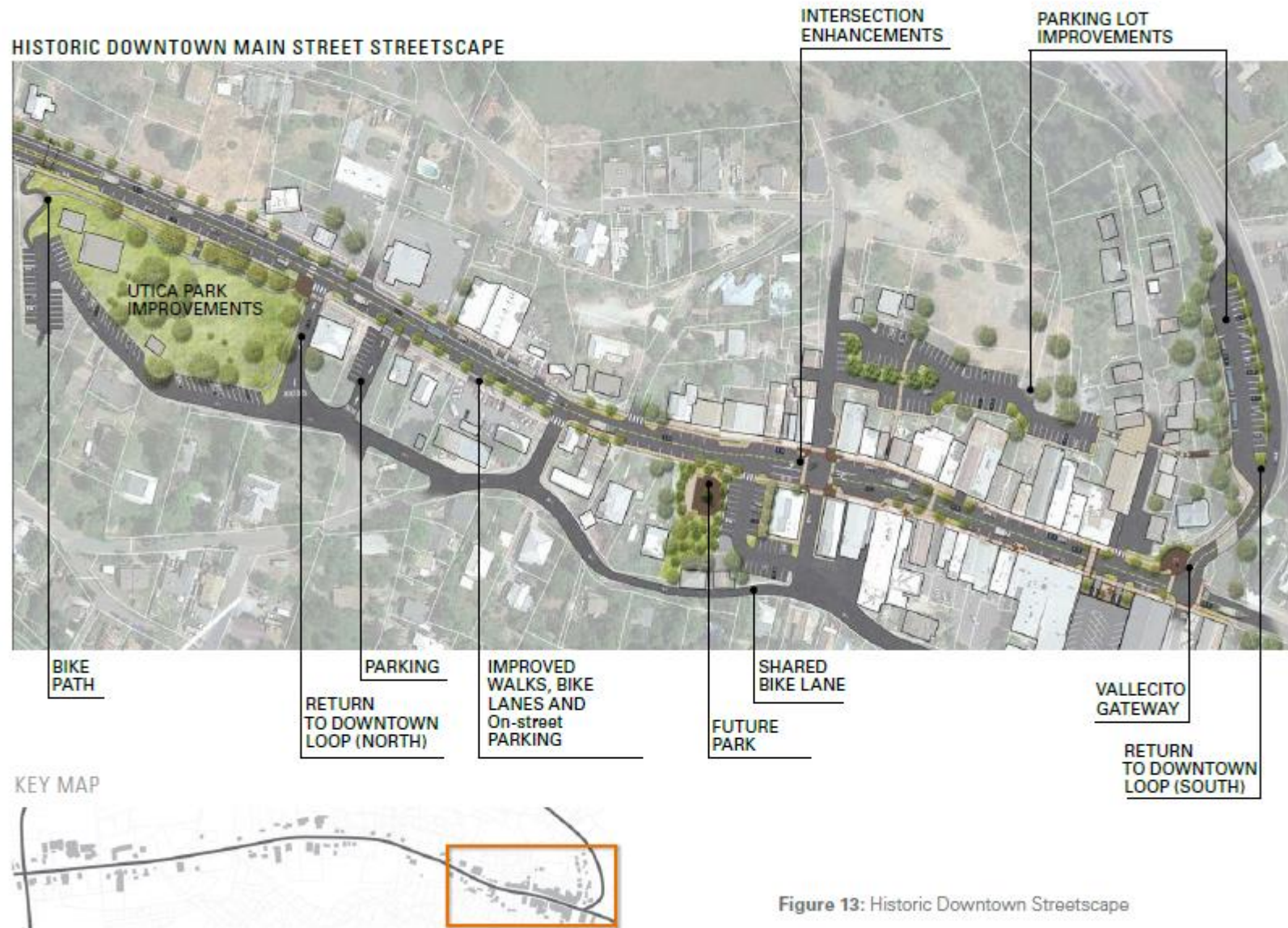


Figure 13: Historic Downtown Streetscape

UTICA PARK

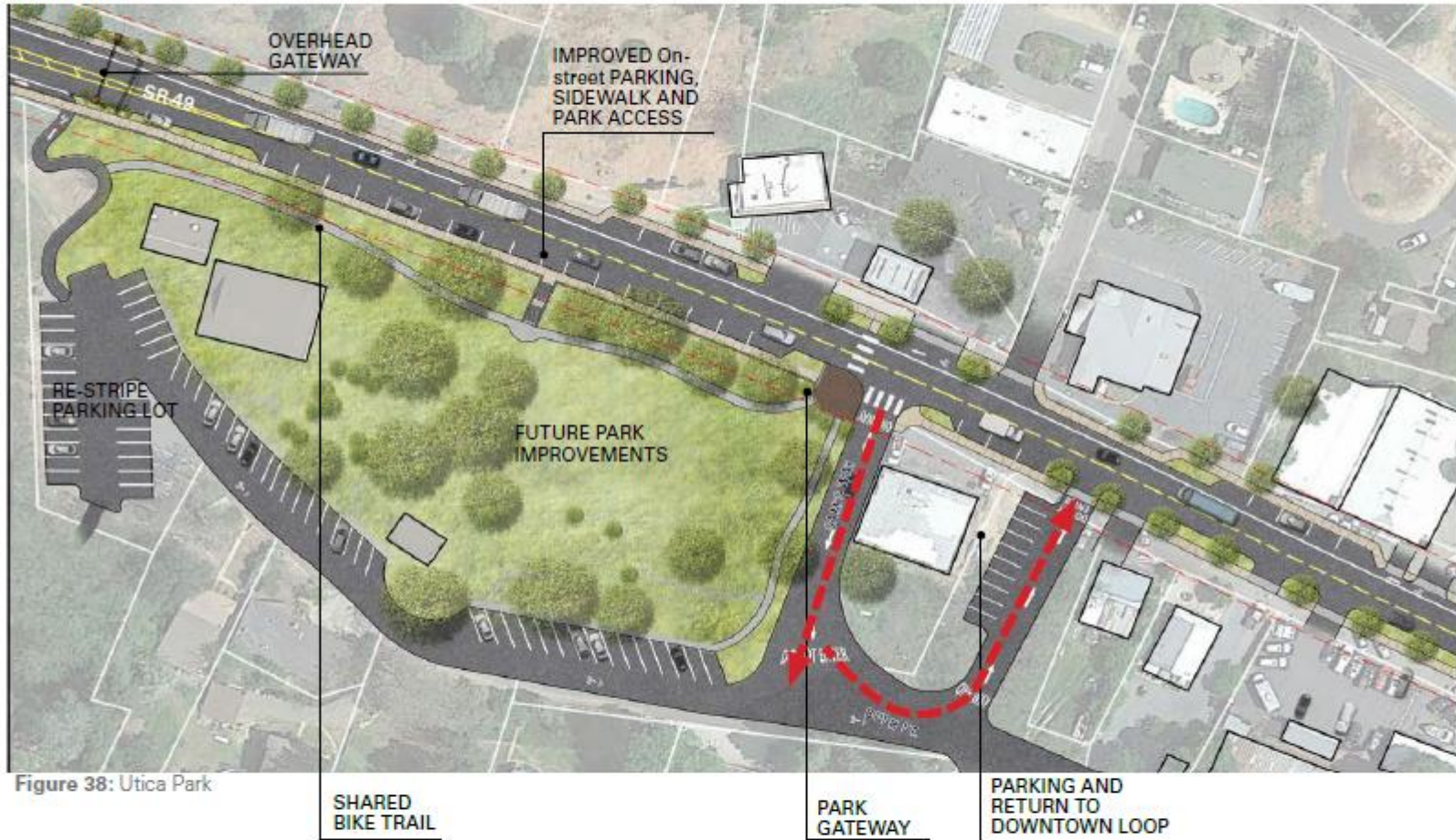


Figure 38: Utica Park





RASBERRY STREET INTERSECTION

Improvements to Raspberry Intersection will include bump outs to create smaller intersections for pedestrian safety and traffic calming. The existing roadway and lanes will remain as currently aligned. Bump outs will extend into the space currently used for parking and should maintain the sight distance triangle. Visibility will be improved by bringing the car forward to increase the visibility of pedestrians and increase the view around buildings.



Figure 19: Raspberry Intersection Perspective



STREET CONCEPTS

4.1.5 INTERSECTION ENHANCEMENTS: VALLECITO INTERSECTION

The City has conducted numerous studies on the intersection at Vallecito and SR 49. The Plan identifies alternatives for pedestrian and signage improvements at Vallecito to provide low- cost, short-term solutions. Long range planning will require detailed land use planning and transportation engineering analysis to address future development and transportation demands at the south end of the City.

The Plan looks to improve pedestrian conditions at the Vallecito Intersection in order to visually extend the downtown streetscape and improve the gateway at the south entry of Angels. The proposed pedestrian improvements, including increased pedestrian area in the northeast corner, intend to improve pedestrian safety conditions by shortening the crosswalk length. It would also have a traffic calming benefit by providing a space for landscaping or entry feature that would give drivers arriving from the south a stronger indication that they are entering an area with a high potential for pedestrian activity. The signage improvements, particularly in the southeast corner, would improve driver sight distance conditions for turns to/from Vallecito Road.

RECOMMENDATIONS

- **Provide Pedestrian Improvements to the Vallecito Intersection:** A reduction and reorganization of the Vallecito Intersection could improve the safety of this intersection for both vehicles and pedestrians.
- **Develop a Gateway Plaza:** Increase the available public space and create a nice entry to downtown by designing a plaza space with benches, interpretive signage, and a sculpture.
- **Extend Sidewalks from Downtown:** Ensure pedestrian connectivity and a positive walking experience by extending sidewalks, landscape and site furnishings from the Main Street.

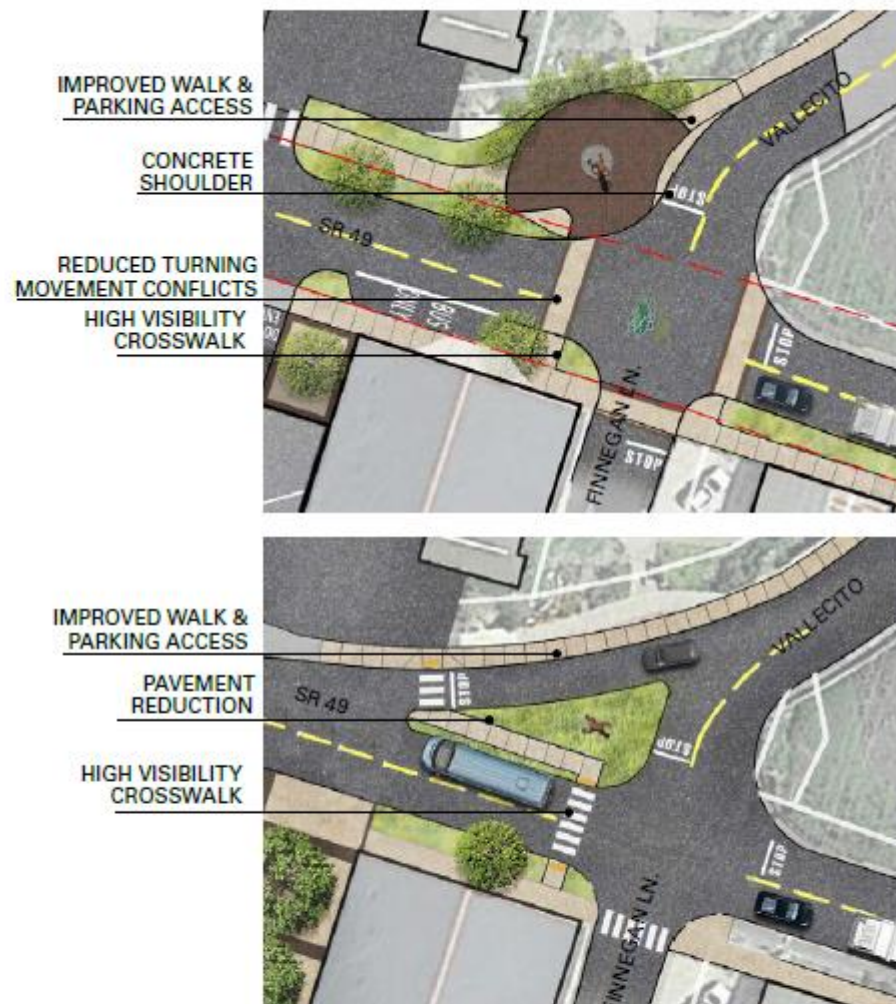


Figure 20: Vallecito Intersection Alternatives

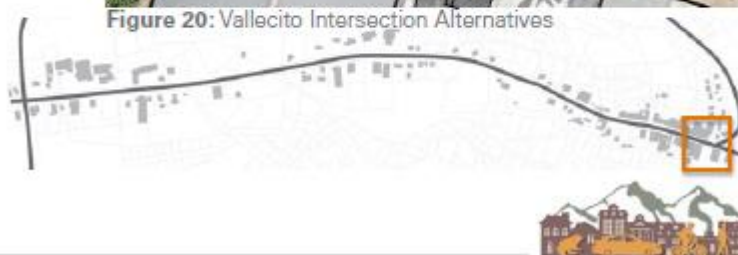




Figure 21: Conceptual Illustrative Perspectives of the Vallecito Intersection Alternatives

VALLECITO INTERSECTION ILLUSTRATIVE

The Vallecito intersection improvements reduce the amount of pavement and enhance pedestrian and traffic safety conditions. Improvements to the Vallecito intersection will influence other design alternative recommendations. The Vallecito Parking Area will have better pedestrian connections to downtown. It is suggested that improvements at this location are coordinated with planning for the Angels Creek Trail. Future improvements to Utica Hotel should coordinate their future parking entrance with existing intersection movement to minimize conflicts.

VALLECITO INTERSECTION KEY FINDINGS

Key findings at the Vallecito intersection are as follows:

- Pedestrian improvements can be installed to improve pedestrian safety conditions (and provide an entry feature).
- There is an opportunity to “bulb out” the northeast corner to provide a large pedestrian plaza area and “T-up” the Vallecito approach, in order to improve pedestrian and traffic safety conditions and to provide a better experience for those entering Downtown from Vallecito Road. This option is evaluated in Appendix D. However, considering the constraints associated with accommodating large truck turns, detailed engineering analysis beyond the scope of this plan would need to be conducted to finalize the design of these improvements.
- The intersection stop control configuration could potentially be modified to improve traffic operations and safety conditions. Detailed engineering analysis beyond the scope of this plan would need to be conducted to finalize the design of these improvements.

For additional traffic data and truck turning studies regarding these options, refer to Appendix F.

PARKING LOT SUMMARY

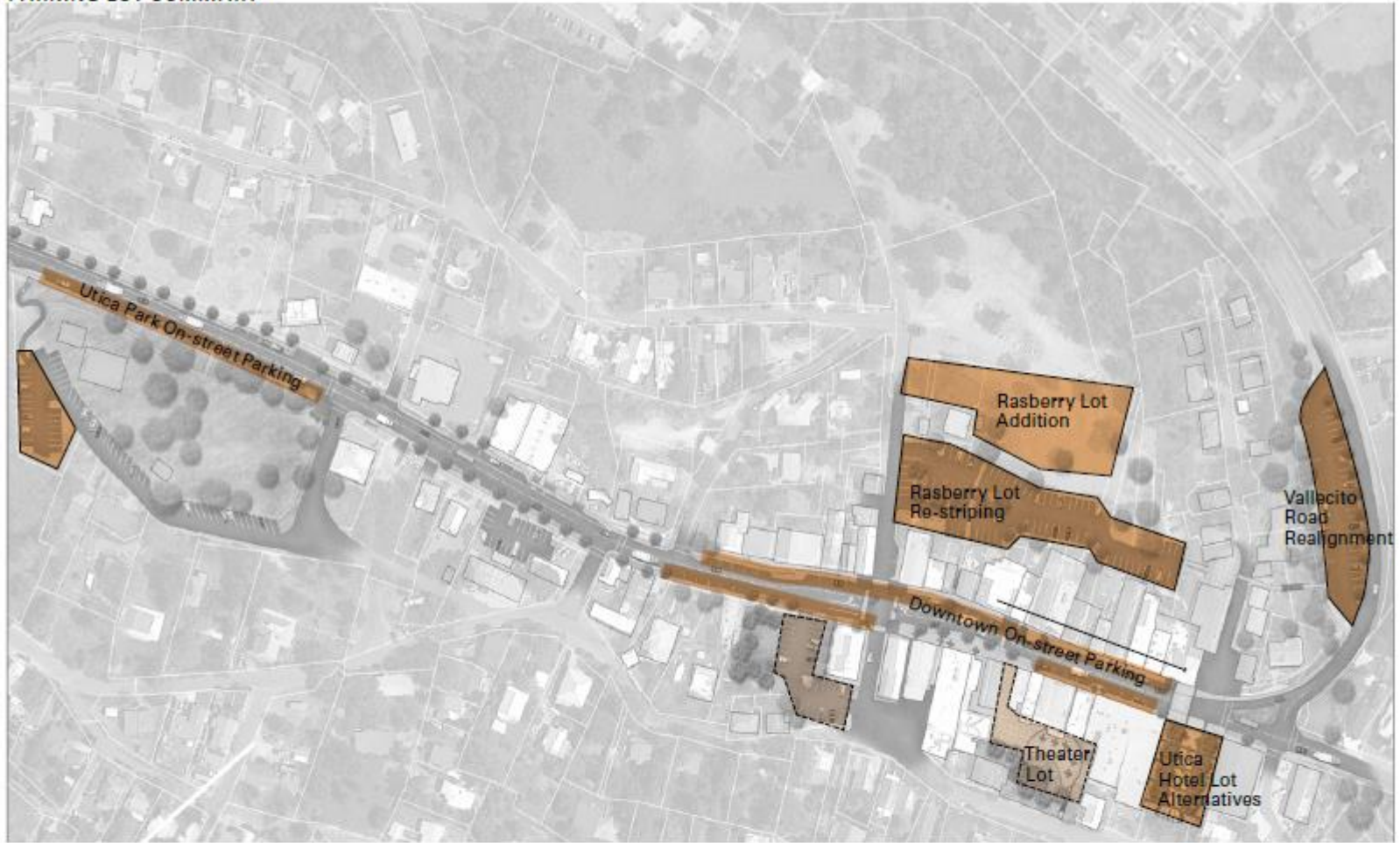


Figure 26: Parking Lot Summary



PARKING CONCEPTS

4.3.2 RASBERRY PARKING LOT

The Raspberry Parking Lot is under-utilized, considering this area is less than a 2 minute walk to downtown. The parking area is challenged by steep grade changes and lack of visibility from Main Street, which results in petty crime and inefficient parking.

Future improvements should focus on improving visibility, safety and access as these efforts will make Raspberry a desirable parking area for Main Street. Raspberry Lot should be the primary parking area in downtown for visitor parking with increased wayfinding and signage from SR 49.

Potential future development of the vacant land east of the Raspberry Parking Area could provide a parking expansion area. This area could be temporary expansion of parking until the parcel is developed by constructing a gravel or asphalt lot that is leased by the City. This area could also provide long-term parking through a public/private partnership with the City, when the landowner is interested in developing the land. Future long-term parking could be surface parking or a parking garage.

RECOMMENDATIONS

- **Restripe parking lot layout:** The existing paved areas can be realigned to increase the number of parking spaces.
- **Improve Pedestrian Access to Downtown:** Stair access from the upper lot, high visibility pedestrian crossings on the drive aisle, and improved stair connection between buildings will define a pedestrian path. Additional access could be provided at the south end of the parking area with a stair connection to Birds Way to improve access to the south side of Main Street and the Future Angels Creek Trail.
- **Improve Security by Implementing Crime Prevention Through Environmental Design (CEPTD) Strategies:** Security lighting and increased landscape along the backs of buildings will increase the sense of ownership and visibility to increase safety.

- **Improve Parking Signage Visibility from SR 49:** The Raspberry Parking Area should be clearly signed for Parking with the appropriate spacing for drivers to make a decision about turning onto Raspberry from SR 49.
- **Add Wayfinding Signage:** The Parking Area should include return to downtown signs, a downtown map and wayfinding kiosk to orient pedestrians to access downtown. These should be located at the existing stair access and potential Birds Way stair access.



RASBERRY PARKING LOT ALTERNATIVES



ADD AND
IMPROVE STAIR
CONNECTION TO
DOWNTOWN

MAP OF
DOWNTOWN
ENHANCE
WALK, LIGHTING
AND LANDSCAPE

EXISTING PARKING:
56 Spaces

PROPOSED PARKING:
66 Spaces

NET PARKING:
+ 10 Spaces



POTENTIAL
FUTURE
DEVELOPMENT
AND PARKING

EXISTING PARKING:
56 Spaces

PROPOSED PARKING:
119 Spaces

NET PARKING:
+ 63 Spaces

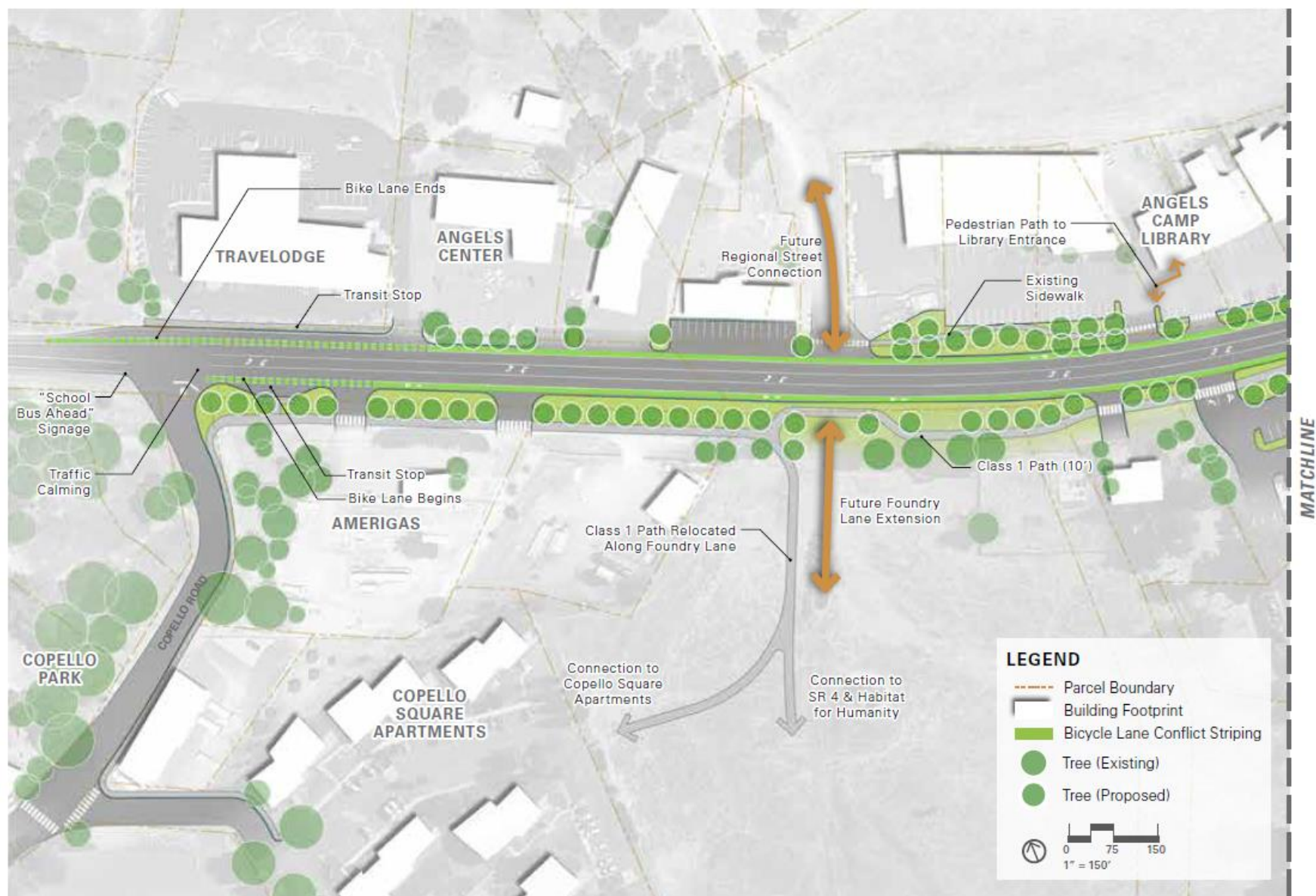
Figure 28: Raspberry Parking Lot

North Main Street Plan

5 –CONCEPTUAL DESIGN & COMPLETE STREET PLAN

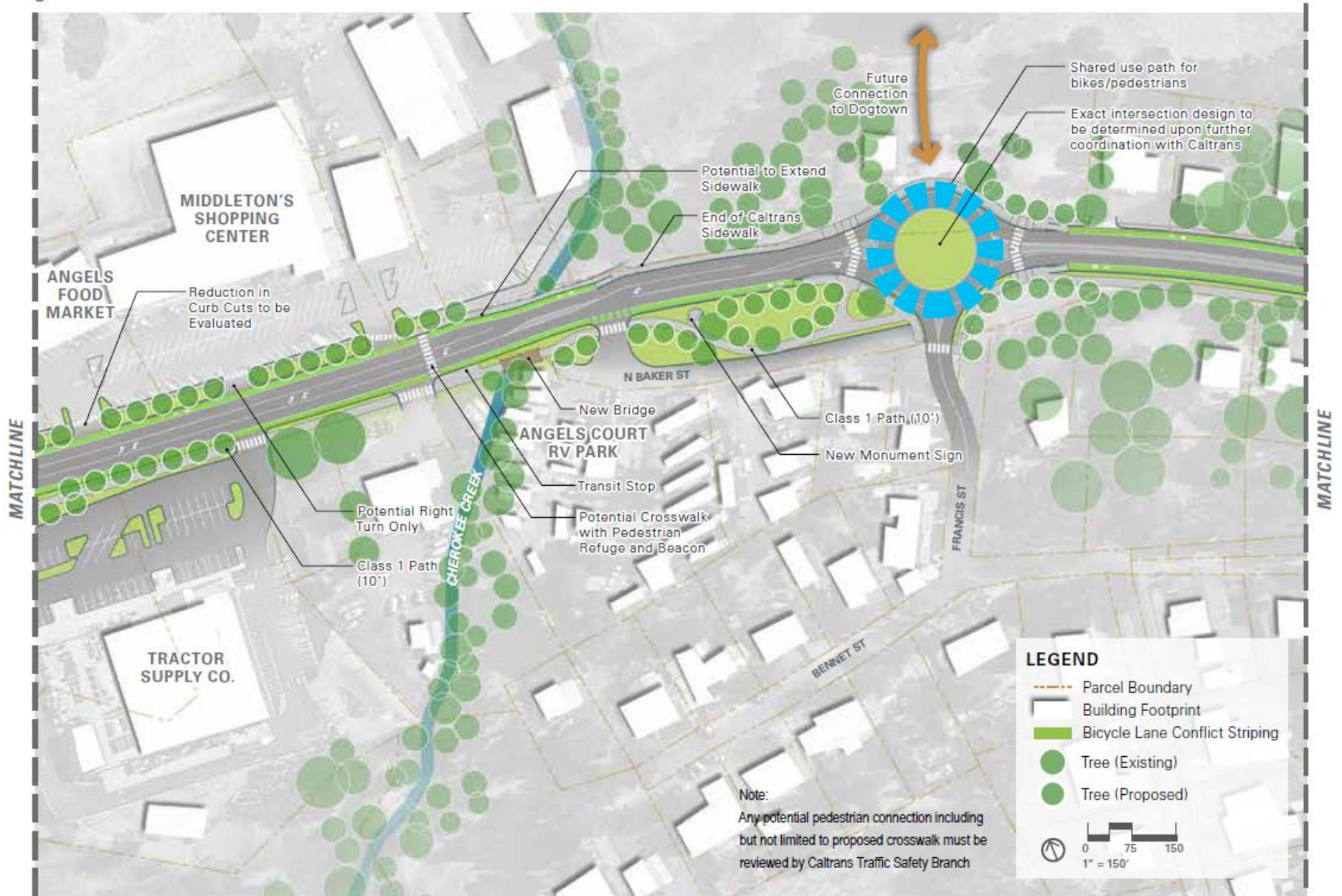
SHORT TERM ILLUSTRATIVE PLAN (1 OF 3)

Figure 5.1: Short-Term Illustrative Plan (1 of 3)



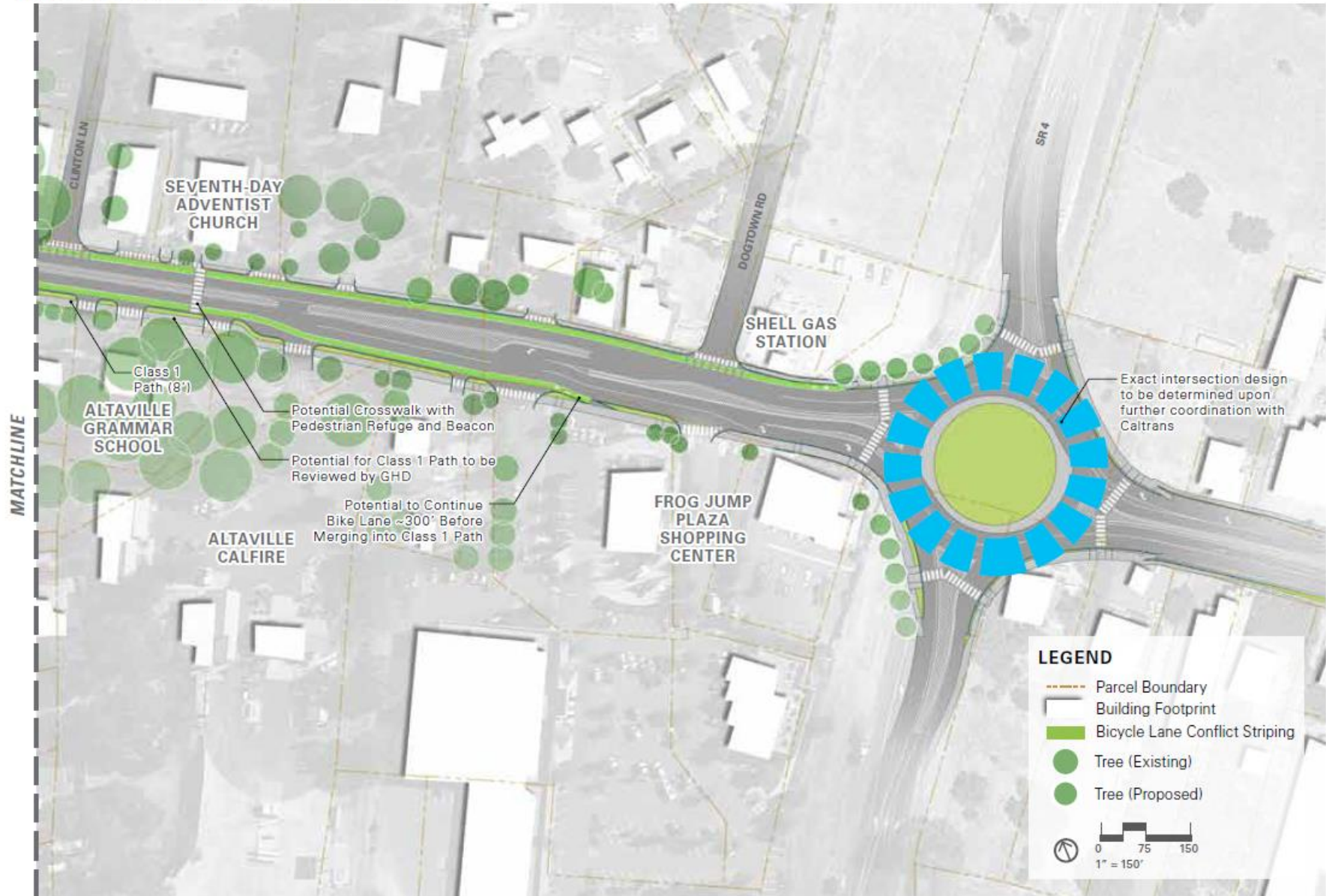
SHORT TERM ILLUSTRATIVE PLAN (2 OF 3)

Figure 5.2: Short-Term Illustrative Plan (2 of 3)



SHORT TERM ILLUSTRATIVE PLAN (3 OF 3)

Figure 5.3: Short-Term Illustrative Plan (3 of 3)





CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: June 3, 2025

TO: City Council

FROM: Michelle Gonzalez, Finance Director

RE: **CUSTOMER ASSISTANCE PROGRAM (CAP) – EDUCATION, DISCUSSION, AND DIRECTION**

SUBJECT:

Customer Assistance Program (CAP) Policy Update for Water and Wastewater Services - Request for Council Discussion and Direction

RECOMMENDATION:

Receive a staff presentation on proposed updates to the Customer Assistance Program (CAP) for low-income utility customers. Provide direction to staff on revising the CAP policy to expand participation, increase funding, and strengthen eligibility verification.

BACKGROUND:

The Customer Assistance Program (CAP), established by Resolution 22-68 in 2022, provides monthly utility bill credits to qualifying low-income residents of the City of Angels. Currently, eligible water customers receive a \$20 monthly credit, and eligible wastewater customers receive a \$25 monthly credit, with funding limited to \$40,000 annually and participation capped at 83 water and 66 wastewater customers.

Eligibility is based solely on participation in the PG&E CARE Program, a state-managed utility discount program. However, relying on PG&E CARE alone may not fully capture income-eligible households, especially those with different utility providers, tenants without PG&E in their name, or customers facing other documentation challenges.

DISCUSSION:

Staff propose an update to the CAP Policy that not only expands the number of participants and annual funding but also strengthens the eligibility review process by requiring two forms of income-based documentation.





CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

Key Proposed Policy Changes for Council Consideration:

1. Increased Program Capacity and Funding:
 - Increase the annual participant cap to 125 (combined water/wastewater customers).
 - Increase the program's annual funding limit to \$67,500, using non-rate revenues and donations.
2. Dual Verification Requirement for Eligibility:

Applicants must now provide both of the following:

 - Proof of current participation in the PG&E CARE Program, or verification by The Resource Connection *and*
 - Income documentation showing household income is at or below 200% of the Federal Poverty Level. Acceptable income documentation includes tax returns, pay stubs. This dual proof approach enhances program integrity and ensures alignment with income eligibility standards.
3. Clarified Verification and Reapplication Procedures:
 - Applicants must reapply annually between April 1 and May 31 with updated documentation.
 - The City may conduct audits or request updated income verification during the year.
 - Failure to provide required documentation or report changes in eligibility may result in removal from the program and repayment of benefits.
4. Preservation of Core Program Elements:
 - Monthly credits of \$20 (water) and \$25 (wastewater) remain unchanged.
 - Non-rate revenue and donations continue to fund the program.
 - No changes are proposed to service rules for locked accounts or delinquency penalties.

FINANCIAL IMPACT:

The revised program would increase the annual funding cap from \$40,000 to \$67,500, still funded exclusively with non-rate revenues and eligible donations. No General Fund revenue is proposed for this program.

ATTACHMENTS:

- Draft Updated Customer Assistance Program Policy (June 2025)
- Resolution No. 25-30



City of Angels – Customer Assistance Program (CAP) for Water & Wastewater Services

Adopted by Resolution 25-30, June 2025 – Supersedes Resolution 22-68

Policy Framework

- 18.1 CAP Credit
- 18.2 Program Year
- 18.3 Program Funding
- 18.4 General Eligibility Requirements
- 18.5 Income Eligibility Requirements
- 18.6 Applications
- 18.7 Participant Eligibility Verification
- 18.8 Change of Eligibility Status
- 18.9 Disputes
- 18.10 Program Modifications

18.1 CAP Credit

The CAP credit is set at \$20 per bill (twelve bills per year) per qualifying water customer and \$25 per bill (twelve bills per year) per qualifying wastewater customer. Customers who receive both water and wastewater service may apply for both credits. The City will apply credits to qualifying customer accounts on a monthly basis, beginning with the first billing cycle following approval.

The program may serve up to 125 participants per fiscal year, based on funding availability and program eligibility.

18.2 Program Year

The program runs on the fiscal year, from July 1 through June 30. Applications are accepted on a first-come, first-served basis each year until available funding is exhausted or the participant cap is reached.

18.3 Program Funding

The CAP is funded using non-rate revenues, including donations or other legally eligible sources. Total program funding is capped at \$67,500 per fiscal year. Any unused balance at the end of the fiscal year does not carry forward. The City Council shall approve the CAP credit amounts and funding source as part of the annual budget.

18.4 General Eligibility Requirements

18.4.1 The applicant may only apply for a CAP credit at their primary residence served by the City of Angels.

18.4.2 The applicant must submit:

- A fully completed and signed CAP application
- A copy of a current PG&E bill showing participation in the PG&E CARE Program
- Proof of income showing household income at or below 200% of the Federal Poverty Guidelines (e.g., tax return, recent pay stubs). Income verification may also be conducted through The Resource Connection.
- If the applicant is a tenant, a copy of the current rental agreement showing the service address and both landlord and tenant signatures is required. If a formal rental agreement is unavailable, a CAP Tenant Authorization Form signed by the legal property owner may be accepted.

18.4.3 The applicant's utility account must be in good standing at the time of application (i.e., not shut off for non-payment).

18.5 Income Eligibility Requirements

The total gross household income must be at or below 200% of the Federal Poverty Level, based on the guidelines published annually by the U.S. Department of Health and Human Services at the start of the program year.

18.6 Applications

All applications must be complete, signed, and include both forms of required documentation (PG&E CARE and income verification). Incomplete applications will not be processed. If an applicant is unable to provide PG&E documentation (e.g., in cases of all-inclusive rent), eligibility will be determined based on income verification only and subject to City Administrator review.

18.7 Participant Eligibility Verification

To remain eligible, participants must:

- Reapply annually between April 1 and May 31
- Submit a new application, updated PG&E CARE documentation, and updated income proof
- Provide a current rental agreement if applicable

Failure to reapply or provide required documentation by May 31 will result in removal from the program. Existing participants who reapply on time and meet eligibility will retain their position in the program.

18.8 Change of Eligibility Status

Customers must immediately notify the City if their household no longer qualifies based on income or other eligibility criteria. Continued participation without disclosure may result in:

- Permanent removal from the program
- Repayment of any benefits received during the current fiscal year
- Collection action under City Rules and Regulations

In addition, customers with two unpaid second delinquency notices within a 12-month period will be removed from the CAP and ineligible to reapply for 12 months.

18.9 Disputes

The City Administrator has the sole discretion to resolve disputes related to eligibility, documentation, or program administration.

18.10 Program Modifications

The CAP is subject to City Council discretion and the availability of funds. Participation does not create an entitlement to continued assistance. Council may revise or discontinue the program at any time.

CITY OF ANGELS
CITY COUNCIL
RESOLUTION NO. 25-30

UPDATE THE CITY OF ANGELS CUSTOMER ASSISTANCE PROGRAM FOR
WATER AND SEWER CUSTOMERS AND RECIND RESOLUTION NO. 22-68

WHEREAS, The City of Angels established a Customer Assistance Program (CAP) in 2022 by Resolution 22-68 to provide financial relief to low-income households for City-provided water and wastewater services; and

WHEREAS, The original CAP relied solely on participation in the PG&E CARE Program to verify income eligibility, capped annual funding at \$40,000, and limited program participation to a combined total of 149 customers (83 water and 66 wastewater); and

WHEREAS, The City Council desires to improve program accessibility, ensure rigorous verification of low-income status, and expand assistance to additional qualifying customers while maintaining fiscal responsibility; and

WHEREAS, City staff have prepared an updated CAP Policy, attached hereto as Attachment “A,” which (a) increases the maximum number of participants to one hundred twenty-five (125), (b) sets an annual program funding limit of sixty-seven thousand five hundred dollars (\$67,500), (c) requires two forms of proof of income eligibility—current enrollment in the PG&E CARE Program and documentation demonstrating household income at or below two-hundred percent (200 %) of the Federal Poverty Guideline—and (d) makes other clarifying amendments; and

WHEREAS, The proposed CAP revisions will continue to be funded exclusively from non-rate revenues and donations, in accordance with applicable law, and will not impact the City’s General Fund; and

WHEREAS, Adoption of this Resolution is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines section 15061(b)(3) (Common-Sense Exemption), because it can be seen with certainty that the activity has no potential to cause a significant effect on the environment.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Angels as follows:

Section 1. The foregoing recitals are true and correct and are hereby adopted as findings of the City Council.

Section 2. The City Council hereby approves the revised Customer Assistance Program Policy, in the form attached hereto as Attachment “A.”

Section 3. The maximum number of CAP participants is set at 125 per fiscal year, and the total annual cost of the program shall not exceed \$67,500.

Section 4. Eligibility for the CAP shall require (a) proof of current participation in the PG&E CARE Program and (b) separate documentation verifying that total household

income does not exceed two-hundred percent (200 %) of the Federal Poverty Guidelines, as further detailed in Attachment “A.”

Section 5. The City Administrator, or designee, is authorized and directed to implement and administer the revised CAP Policy, to execute all documents necessary to carry out the intent of this Resolution, and to make non-substantive changes to the policy as may be required for effective administration, provided that such changes do not increase the participant cap or annual funding limit.

Section 6. This Resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED this 3 day of June , 2025 by the following vote:

- AYES:
- NOES:
- ABSENT:
- ABSTAIN:

Michael Chimento, Mayor

Rose Beristianos, City Clerk

HOME OF THE JUMPING FROG





CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: June 3, 2025
TO: City Council
FROM: Michelle Gonzalez, Finance Director
RE: **AWARD OF CONTRACTS FOR ON-CALL ENGINEERING SERVICES AND DIRECTION TO NEGOTIATE AGREEMENTS**

RECOMMENDATION:

Staff recommends that the City Council:

1. Award the role of City Engineer to Lumos Associates for Transportation, Water, and Wastewater engineering.
2. Approve the selection of Dewberry for on-call engineering services to complete in progress projects.
3. Direct staff to negotiate contract terms with Lumos Associates and Dewberry and return to the City Council for formal approval of the agreements.

BACKGROUND:

The City's current contract for engineering services with Dewberry Engineers expires on June 30, 2025. In anticipation of this expiration and to continue providing professional engineering support for City infrastructure, the City released a Request for Qualifications (RFQ) for On-Call Engineering Services on March 14, 2025 via Public Purchase. The RFQ sought qualified firms to serve as the City Engineer and to provide on-call engineering services in support of Public Works and Water/Wastewater operations.

DISCUSSION:

The City received eight (8) Statements of Qualifications in response to the RFQ. Proposals were reviewed and scored by a panel based on the following criteria:

- Firm qualifications and experience
- Understanding of the scope of services
- Approach and methodology
- Compliance with federal procurement requirements

Following scoring, the top four firms were interviewed during the week of May 12, 2025. After interviews and reference checks, Lumos Associates was identified as the most qualified to serve as the City Engineer. In addition, Dewberry Engineers, the City's current engineering consultant, is





CITY HALL

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

recommended for continued engagement under a new on-call engineering services contract, based on current CIP projects in progress with the City.

This staff report seeks City Council approval to move forward with contract negotiations. Final contracts will be presented for Council consideration at a future meeting.

FINANCIAL IMPACT:

There is no immediate financial impact. Engineering services will be funded on a task-order basis from approved project budgets, capital improvement funds, or department operating budgets, depending on the scope and nature of the work.

ATTACHMENTS:

- Lumos Associates Proposal
- Dewberry Proposal

Staff will return to the City Council with finalized agreements for approval.





CITY OF ANGELS CAMP 
FOUNDED 1848 - EST 1912

PREPARED FOR THE CITY OF ANGELS CAMP
**STATEMENT OF QUALIFICATIONS FOR
ON-CALL ENGINEERING SERVICES**

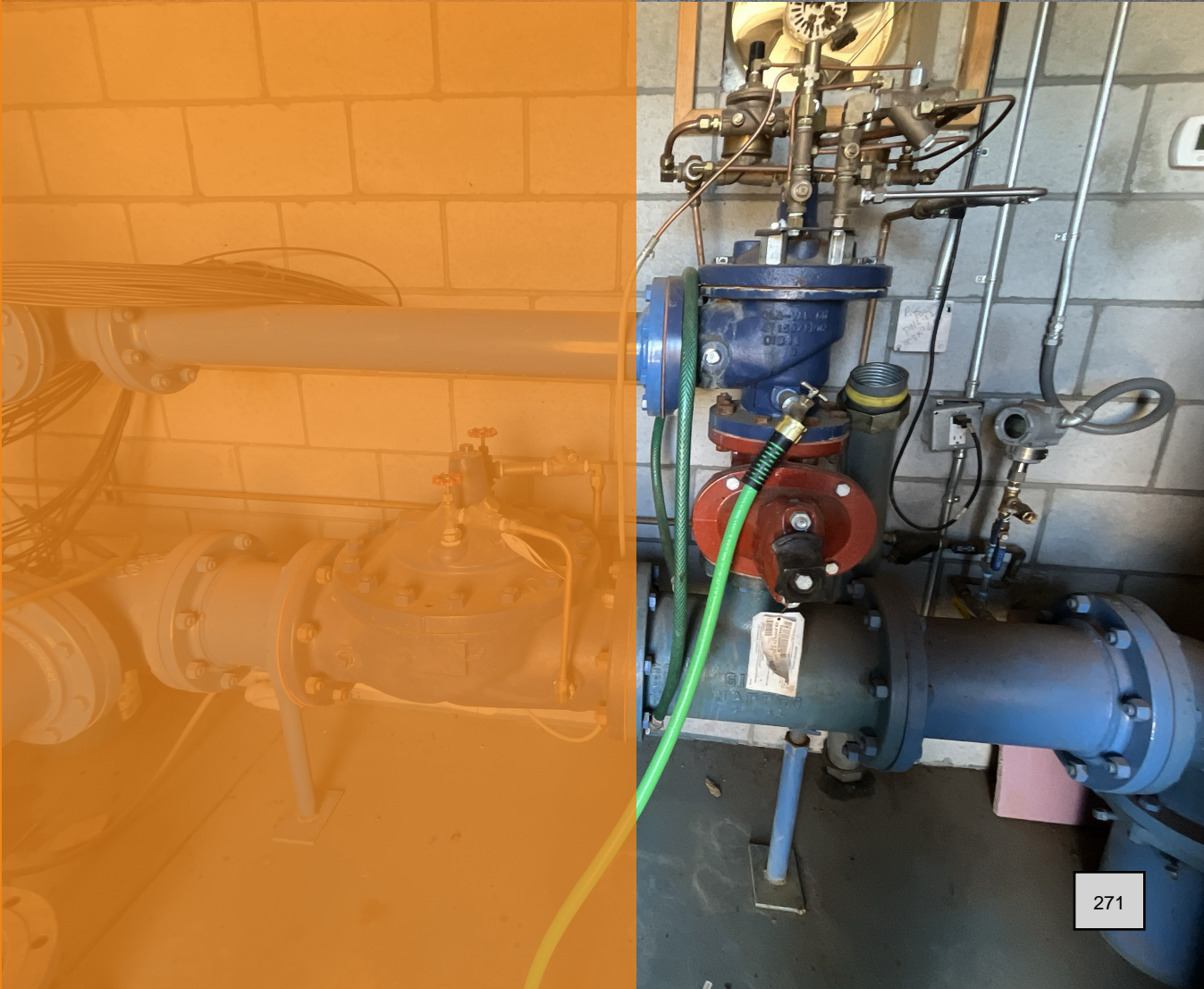
Angels Camp, California

APRIL 25, 2025

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Section 10, Item G.





El Dorado Hills
3840 El Dorado Hills Boulevard, Suite 301
El Dorado Hills, CA 95762
916.980.8228

www.LumosInc.com

April 25, 2025

Pam Caronogan, City Administrator
City of Angels
200 Monte Verda, STEB
Angels Camp, CA 95222

Subject: Statement of Qualifications for On-Call Engineering Services

Dear Ms. Caronogan and Members of the Selection Committee:

Aaron Brusatori and Lumos & Associates are committed to continue supporting your team through on-call civil, structural, environmental, survey, and geotechnical engineering services.

Lumos brings extensive experience in municipal engineering, currently serving as County Engineer for Alpine County, CA, and Eureka County, NV, as well as District Engineer for several General Improvement Districts, including Indian Hills GID, Gardnerville Ranchos GID, and the Eastern Sierra Community Service District/Community Service Districts. Our services for these clients span sewer and water improvements, stormwater mitigation/studies, roadway rehabilitations, and development of Capital Improvement Plans.

Aaron Brusatori, P.E., will be the primary point-of-contact, Project Manager and acting City Engineer for this contract. Over the past three years, Aaron has provided engineering and operational support to the City of Angels on a wide range of projects. His familiarity with the City's General Plan, Design Standards, and day-to-day operations allows him to deliver practical, informed solutions tailored to your needs.

Aaron's background includes serving as Community Development Director, Public Works Director, and County Engineer for Amador County. He also currently serves as the contracted City Engineer for Fort Bragg. **The experience from these roles gives Aaron a unique perspective and strong qualifications to continue supporting Angels Camp in this capacity.**

Based locally, Aaron is readily available for site visits and meetings with operations and administrative staff, and takes a hands-on, collaborative approach to every project. His commitment to the City's success, supported by Lumos' diverse team of highly experienced engineers, makes our firm a strong partner for your ongoing engineering needs.

Our team's proven ability to anticipate project needs, communicate effectively, and coordinate with stakeholders and other agencies ensures consistency and quality throughout the life of each project. You can continue to expect the same level of dedicated service and clear communication that Aaron has demonstrated on previous City projects throughout the duration of this contract.

At Lumos, we take ownership of each project, maintain schedules and budgets, and prioritize doing it right for our clients, no matter the challenges encountered. This commitment has helped us build lasting relationships and deliver successful outcomes from design through construction.

If you have any questions, please do not hesitate to contact me directly at 916.980.8228 or via email at abusatori@LumosInc.com.

Sincerely,

Aaron Brusatori, P.E.
Engineering Group Manager

Dan Stucky, P.E.
Engineering Director

2. Firm Qualifications



Firm Profile

Lumos & Associates, Inc. (Lumos), is a regional, multidisciplinary firm that provides civil engineering (transportation, water, wastewater, etc.), surveying, structural engineering, geotechnical engineering, and construction services to clients throughout California and Nevada. We currently have a staff of over 140 professionals with offices in El Dorado Hills, Carson City, Reno, Fallon, Lake Tahoe, and Boise.

Lumos has an extensive history and resume of serving as a contract or on-call Engineer/Surveyor for municipal agencies like Angels Camp. Some of our recent clients include Bishop, Alpine County, Bishop Area Wastewater Authority, Mono County, Angels Camp (via sub contract), Fort Bragg, Eureka County, and others.

We have curated a team of experts to include WGA (currently provides City Surveying Services for Angels Camp), ECORP (our environmental expert), and WRF (providing local structural expertise). For more detailed information on our sub-consultants please refer to their individual firm brochures in Appendix A.

Lumos brings extensive City Engineer experience and specialized design expertise, making us well-qualified to continue serving the City of Angel's Camp across the project and service areas outlined below as well as any other needs the City may have.

- **Transportation:** road rehabilitation/reconstruction, pavement condition, roadway drainage, trails, and new roadways.
- **Water Systems:** well design and development, secondary water supply, pump stations, treatment, waterline replacement, hydraulic modeling, master planning, and CIP development.
- **Wastewater Systems:** collection system replacement, lift stations, treatment, modeling, master planning and CIP development.

The following sections provide examples of our experience in the areas of Transportation, Water Systems, and Wastewater Systems. Additionally, we have provided a summary of some of our current work as contract Engineers and Surveyors for other municipalities.

► Municipal Contract Engineering / Surveying Project Experience

City of Angels Camp City Engineering Services | Angels Camp, CA

As City Engineer for the City of Angels Camp, Aaron Brusatori, P.E., leads capital improvement planning, supports community development, and serves as the City’s primary liaison with Caltrans and other agencies. He manages plan reviews for grading, improvements, traffic control, and encroachment permits, recently completing these tasks for Habitat for Humanity’s new affordable housing project. This effort involved a sewer lift station, stormwater quality features, Caltrans coordination, and planning entitlement review—culminating in approved plans now moving into construction.

Aaron plays a key role in municipal code updates, offering input on technical content and practical application. He regularly advises operations staff on issues such as street and drainage maintenance, wastewater spray field access, and emergency storm response.

Recently, Aaron helped resolve a groundwater issue on Greenhorn Creek Drive where seepage was damaging pavement and causing icy hazards. Working closely with City crews, they identified and cleared a blocked sub-drain using high-pressure hydro-jetting—restoring safe conditions and extending pavement life.

Key Relevance:

- Public Works Operations Support
- Emergency Response
- Municipal Code Update
- Caltrans Coordination
- Plan Review
- Project Coordination



Habitat for Humanity Construction

Client Reference: Chris O’Flinn, Public Works Superintendent | 209.736.2181 | City of Angels Camp

City of Fort Bragg Acting City Engineer & City Surveyor | Fort Bragg, CA

Key Relevance:

- City Engineering Services
- Emergency Storm Response
- Storm Water Conveyance
- Coordination with Permitting Agencies
- Development Review
- Value Engineering



Brush Creek - Atmospheric River Culvert Failure

Lumos & Associates, through Acting City Engineer Aaron Brusatori, P.E., provides full-service city engineering and surveying support to the City of Fort Bragg. Lumos supports the City’s transportation infrastructure by maintaining and updating the Pavement Management Database, evaluating street conditions, and recommending targeted strategies for preservation and reconstruction.

Our team has reviewed drainage studies for private developments to ensure compliance with City codes and ADA standards, and has led regulatory coordination for culvert replacement projects—preparing drainage calculations and assisting with permitting from the California Department of Fish and Wildlife, Army Corps of Engineers, and Regional Water Quality Control Board.

In our role as City Surveyor, we review parcel maps, lot line adjustments, and certificates of compliance, and provide field survey support for capital projects.

Client Reference: Chantell O’Neal, Assistant Director
707.961.2823 x133 | City of Fort Bragg

Alpine County, County Engineer | Alpine County, CA

Key Relevance:

- Grading Standards
- Pavement Inspection
- Pavement Management Database
- Pavement Maintenance Project Design
- Construction Observation



Diamond Valley & Hot Springs Rd. Erosion Control Culvert; Alpine County

Lumos provides consulting services as County Engineer on a contract basis for Alpine County. As County Engineer, Lumos reviews the improvement plans and technical reports for compliance with county development codes and engineering best practices. Lumos also provides design services for Alpine County for various county projects including culvert design (with hydrologic and hydraulic analyses), parking lot design, slope stabilization, and drainage assessments.

Lumos has also assisted with the drafting of the County grading standards. The County Engineer services work hand-in-hand with the review and approval of subdivision plats and parcel maps, to ensure that appropriate easements and/or rights-of-way were provided for drainage, roadway, and utility improvements.

Client Reference: Ethan Gray, Deputy Director | 530.694.2140 x451 | Alpine County Community Development

Eureka County, County Engineer | Eureka County, NV

Lumos has provided consulting services as County Engineer and County Surveyor on a contract basis to Eureka County since 1987. As County Engineer, Lumos attends County Commissioners meetings to provide guidance and direction on engineering matters. Lumos provides design services for public works projects, including street, drainage, water and sewer system, and airport improvements, as well as providing construction inspection and materials testing during construction.

During spring of 2023, Lumos provided assistance with emergency flooding response needs including field direction to the emergency response team hydrologic and hydraulic modeling to predict flood flows and potential areas of damage and assistance with response for emergency funding requests.

As the County Surveyor, Lumos provides review and signature for parcel maps, division of large parcels, reversionary maps, subdivision plats, and certificates of amendment all in accordance with the NRS and county codes. Combined, Lumos has provided engineering and surveying services on over 150 projects since 1987.

Key Relevance:

- CIP Planning
- Water System Master Planning
- Wastewater Treatment
- Federal Funding Support
- Groundwater/Well Development
- Stormwater Emergency Response



Lumos' flood mitigation solutions during Eureka County's 2023 emergency event

Client Reference: Jebb Rowley, Public Works Director | 775.237.5372 | Eureka County Public Works

► Transportation Project Experience

City of Fort Bragg 2025 Pavement Preservation & Rehabilitation | Fort Bragg, CA

Spring of 2024 Lumos was selected by the City of Fort Bragg to deliver the design of the 2025 Pavement Preservation and Rehabilitation Project. Our crews were dispatched to evaluate curb ramps for ADA compliance and to identify pavement failures. We evaluated more than 50 curb ramps for ADA compliance and identified with paint marks digout locations on 25 streets. Aerial imagery was collected to locate the painted digouts. The intersection of Laurel St and Whipple St was identified to resolve surface drainage issue a north-south subsurface bubbler was removed and the intersection was regraded to directing storm water flows to existing inlets. This solution provides ADA compliant access at all four corners of the intersection as well as a smooth vehicular transition on each leg of the intersection.

As a value-added service, we collected aerial imagery of all the streets in the City using fixed wing aircraft. The aerial imagery was used as the base for this project and has been used as reference to support the City on other projects addressed by separate contract. The project has an estimated construction cost of \$2,000,000 and is slated for construction summer of 2025.

Client Reference: Chantell O’Neal, Assistant Director | 707.961.2823 x133 | City of Fort Bragg

Truckee River Legacy Trail | Truckee, CA

In collaboration with the Town of Truckee, Lumos has provided multi-phased engineering services for the Truckee River Legacy Trail. Our involvement spans Phases 2, 3A, 3B, the Brockway segment, and Phase 4A, with additional preliminary work completed for Phase 4B.

This regional, multi-use trail project traverses environmentally sensitive areas along the Truckee River, including steep terrain and developed neighborhoods, requiring extensive coordination with local, state, and federal agencies. Lumos performed a comprehensive scope, including preliminary design, alternatives analysis, final engineering, surveying, geotechnical investigations, and environmental permitting.

Our team led efforts in preparing floodplain exemption justifications for the Lahontan Regional Water Quality Control Board (LRWQCB), conducted drainage studies, and ensured compliance with CEQA, NEPA, Section 106 of the National Historic Preservation Act, and local planning guidelines. Phase 3B featured the design of a 148-foot clear-span pedestrian bridge over Martis Creek, while Phase 4A included complex trail alignments requiring retaining wall systems and multiple bridges.

Client Reference: Becky Bucar, Assistant Public Works Director | 530.582.7700
Town of Truckee



Phase 3A Trail Segment



Phase 4A Legacy Trail Bridge



Phase 4A Trail Segment

Key Relevance:

- StreetSaver Database Update and Maintenance
- ADA Curb Ramp Improvements
- Rapid Set Slurry Seal
- Structural Dig-outs



Aerial Survey Control

Key Relevance:

- Trail Design
- Slope Stabilization
- Multi-Use Trail Bridge
- Sensitive Environment

Washoe Regional Transportation Commission (RTC) Preventative Maintenance Project 2005-2025 | Reno, NV



Kings Row Reconstruction Project, Phase 2

Key Relevance:

- Pavement Management
- Pavement Maintenance Design
- Annual Pavement Maintenance
- Multiple Stakeholders

The RTC, in cooperation with the City of Reno, City of Sparks, and Washoe County, developed a complete Pavement Preservation Program. Since 2005, Lumos has been providing pavement maintenance for roadway sections of the Cities and County. The annual maintenance includes survey, data collection, materials testing, construction inspection, and administration. The construction inspection and materials testing includes inspection/testing of patching, striping, crack seal, and slurry seal.

Lumos works with NDOT, RTC Ride, Washoe County School District, as well as emergency personnel, in weekly project meetings and communication of updated schedules to keep everyone apprised of the current and upcoming closures. Daily communication with all agencies is the key to the success of this program.

Client Reference: Jessica Dover, Project Manager | 775.335.1831 | Washoe County RTC

Markleeville Culvert Roadway Repair Project | Alpine County, CA

In early 2017, a major storm event severely damaged a key transportation link in Alpine County by washing out the access road and culvert serving the Markleeville sanitary sewer treatment plant. The resulting failure cut off operational access to the sanitary sewer treatment plant. Lumos was engaged to lead the project, which included:

- Design and construction of a new access road to restore connectivity to a critical public utility facility.
- Engineering an 8’ x 4’ reinforced concrete box culvert with upstream and downstream wing walls (see figure), including an integrated overflow weir to allow safe conveyance of high storm flows under the roadway.
- Applying riprap to armor roadway-adjacent slopes and protect infrastructure from future erosion and flow events.
- Delivering full design and construction oversight in a narrow, environmentally constrained right-of-way adjacent to a perennial creek.
- Implementing dewatering and managing regulatory approvals for in-channel work to enable construction within permitted guidelines.



Markleeville Culvert Design

Key Relevance:

- Stormwater Design
- Emergency Response
- Environmental Protection

In March 2018, less than a year after completion, another high-flow storm tested the improvements. The new culvert and access infrastructure performed as designed, maintaining full operational access to the sewer treatment plant during the event.

Client Reference: Ethan Gray, Deputy Director | 530.694.2140 x451 | Alpine County Community Development

► Water Project Experience

Rancho Murieta Community Service District CIP | Rancho Murieta, CA

Lumos & Associates was tasked with developing a comprehensive Capital Improvement Plan (CIP) and conducting a Water and Wastewater Rate Study for the Rancho Murieta Community Services District (RMCS D). Utilizing site visits, and data analysis to assess current conditions and future needs the Lumos Team identified the necessary improvements and/or expansions to existing infrastructure. This project also involved projecting growth rates and evaluating design criteria to ensure compliance with regulatory standards.

Lumos also developed an infrastructure inventory, cataloging assets and estimating replacement costs. The team is also working to create a financial model that projects revenue and expenses, ensuring the financial health of the District's utility funds. This included calculating user rates, new development fees, and administrative fees, all while ensuring compliance with Proposition 218. The final deliverables included a detailed report and presentations to the RMCS D Board, along with assistance in public outreach on the CIP/Asset Inventory. The rate study component of the project is still to be completed.

Client Reference: Mimi Morris, General Manager | 916.354.3700
Rancho Murieta Community Service District

Key Relevance:

- CIP Development
- Infrastructure Inventory
- Domestic Water
- Sanitary Sewer



Rancho Murieta, CA

Great Basin Water Company Well-8 Replacement Project | Spring Creek, NV

Lumos was contracted to provide professional engineering services for the project, which involved a hydrogeologic investigation and development of a constraint map identifying locations to drill several exploration test holes (Phase-1). Two test holes were permitted and drilled with the development of a technical memorandum recommending one site for a test well (Phase-2). In 2021, a test well was drilled to 1,000 feet deep, test pumped and analyzed, and a hydrologic report developed of the analysis of the data collected (Phase-3). Due to the initial arsenic concentration in the well being above the maximum contamination level (MCL), the well was hydraulically profiled to determine lithologic aquifer flow rates and arsenic concentrations in the well. It was determined that by strategically locating the pumping system in the well, the well was able to provide water with average arsenic concentrations below the MCL.

The client decided to operate the test well for a few years prior to drilling the full-sized production well (16" completion, 1200' deep). In 2023, Lumos designed and permitted a well house and discharge assembly plan set (Phase-4). The plan set was approved for construction, a contractor awarded, and the new facilities are currently being built.

Client Reference: James Eason, President | 775.432.3184
Great Basin Water Company

GBWC Well-8



Key Relevance:

- Secondary Water Supply Well
- Water Quality Evaluation
- Test Well

GRGID South District Replacement Program (Phases 1 - 3) | Douglas County, NV

Lumos team laying piping



Key Relevance:

- Resilient Water Supply
- Waterline Replacement
- Construction Observation and Administration
- Materials Testing

Lumos is leading the multi-phased South District Pipeline Replacement Program for Gardnerville Ranchos GID, addressing aging and undersized water infrastructure. Across Phases 1–3, the project replaces over 65,000 linear feet of asbestos cement and Schedule 40 PVC mains with AWWA C900 PVC restrained joint pipeline. Lumos has delivered topographic surveying, base mapping, civil design, permitting, hydraulic modeling, and bid support. Our construction division has also provided construction management, inspection, and materials testing throughout.

In Phase 1, 17,000 feet of 12-inch backbone main was replaced. Phase 2A added 11,000 feet of 6- and 8-inch mains, with Phase 2B (20,000 feet) fully designed and permitted. Phase 3, now underway, includes design for nearly 30,000 feet of waterline, including hydrants, services, valves, and interconnections. Lumos is also preparing Drinking Water SRF applications and project documentation to support funding efforts. This program demonstrates our ability to manage complex, phased capital improvements while supporting clients with comprehensive water system design, regulatory compliance, and cost-conscious project delivery.

Client Reference: Greg Reed, District Manager | 775.265.2048
Gardnerville Ranchos General Improvement District

Lukins Well 5 Rehabilitation, Treatment, and Booster Station | South Lake Tahoe, CA

Since 2020, Lumos & Associates has provided on-call engineering, GIS, and surveying services to Lukins Brothers Water Company (LBWC), a private utility in South Lake Tahoe. Following PCE contamination detected in Wells 2 and 5, and a resulting Compliance Order from the Division of Drinking Water, Lumos supported LBWC in achieving regulatory compliance.

Key design services included the abandonment of Well 2, installation of a submersible vertical turbine pump in Well 5, construction of a housing structure for a new granular activated carbon (GAC) treatment system, and installation of a 98,000-gallon storage tank and four booster pumps. Each pump was equipped with variable frequency drives (VFDs) for improved operational control. Lumos managed planning, design, and construction support throughout the project.

Key Relevance:

- Secondary Water Supply
- Water Treatment
- Water Storage
- Booster Pumps



Lukins Water Tank

Client Reference: Jennifer Lukins, Owner | 530.541.2606 | Lukins Brothers Water Company, Inc.

► Wastewater Project Experience

CCWD I&I Study | San Andreas, CA

CCWD contracted Lumos to perform an Inflow and Infiltration (I&I) study to identify vulnerable areas within the sewer collection system. To pinpoint the specific locations affected by I&I, the study included three key components: a desktop analysis, a flow monitoring study, and a condition assessment.

The desktop analysis involved evaluating and ranking each pipe and manhole to highlight those most at risk. The flow study involved installing flow meters in the La Contenta area to monitor seasonal flow variations.

Based on the results of the flow study, a condition assessment will be performed to identify structural deficiencies. By analyzing data from the desktop study, flow study, and condition assessment, the project provides CCWD with valuable tools for long-term utility planning. The outcome will support targeted improvements and maintenance strategies to address the challenges posed by the aging collection system.

Client Reference: Kevin Williams, District Engineer | 209.754.3184
Calaveras County Water District



I&I from a joint in the MH

Key Relevance:

- Calculation of Stormwater Inflow and Infiltration
- Identification of Strategic Repair Locations
- Reduced Treatment Following Storms

Amador Water Agency (AWA) Wastewater Master Plan Study | Sutter Creek, CA

Effluent ditch



AWA owns and operates multiple wastewater systems distributed across Amador County. These systems range from the upper mountain region down to the lower valley areas and include conventional gravity collection systems, Septic Tank Effluent Pumped (STEP) and Septic Tank Effluent Flow (STEF) systems, as well as multiple treatment and disposal systems. Additionally, AWA maintains 15 individual lift stations across its service area. AWA contracted with Lumos to prepare its first comprehensive wastewater master plan and develop a comprehensive Capital Improvement Plan (CIP) for near- and long-term system improvements.

As part of the master planning process, Lumos collected, compiled, and managed decades worth of available data from AWA including system flows, maintenance efforts, record drawings, billing summaries, and connection counts for each of the wastewater systems. Lumos also built new sewer models in a GIS platform for the conventional gravity systems, and provided mass balance and kinetic calculations for the STEF/STEP treatment systems as well as the partially mixed and aerated lagoon system. The Lumos team worked closely with a utility financial consultant to develop an economic analysis for the masterplan, specifically to help AWA identify how to approach funding the CIP developed in the masterplan. Through this teaming partnership, Lumos was also able to assist AWA with recommendations for rate structures and capacity fees. Our final masterplan and economic analysis were presented to the AWA Board of Directors in 2022 and was unanimously approved following the final presentation to the Board.

Client Reference: Brandt Cook, Resident Engineer | 209.257.5206
Amador Water Agency

Key Relevance:

- CIP Development
- Lift Stations
- Sewer Modeling
- Rate Structure Recommendations

2024 Reno Consolidated Sewer Rehabilitation Project | Reno, NV

New pipe installation



Key Relevance:

- Sewer Pipe Assessment
- System Rehabilitation Strategies
- Strategic Upsizing

Lumos is providing professional engineering, survey, and geotechnical services for the City's 2024 Consolidated Sewer Rehabilitation Project. This is for the repair, upsizing, or relocation of approximately 5,400 linear ft of sanitary sewer pipe, design and construction of new storm drain system, and manhole inspections and assessments. This will aid with flooding between the sewer and storm drain on Greenridge Drive and an area near Matley Ln.

Our team will be providing project management, topographical survey with right-of-way research, geotechnical investigation with soils investigation, preliminary design (including the collection, review, and incorporation of background data provided by local utility providers and City base maps overlain on a topographical survey; and review of existing sanitary sewer data, evaluation of manhole condition on Mill Street, and verification of laterals), construction documents, and bidding services.

Lumos' services will assist in the repair of ~2,500 linear ft of sanitary sewer pipe on 8th St. between Spokane St. and Sutro St., the upsizing and realignment of ~1,400 linear ft of sanitary pipe and modification of existing manhole on Plumas St. between S. McCarran Blvd and Manzanita Lane, the installation of new end of line manhole on Gordon Avenue, the design of 2 new storm drain system stubs in the Matley Lane/Mill St. area, the design of ~2,000 linear ft of storm drain in the Greenridge Drive area, the inspection and assessment of ~30 manholes on Mill St. between Kietzke Lane and Terminal Way, and the repair/upsizing/realignment of ~1,500 linear ft of sanitary pipe in the Maestro Dr. area between Virginia St. and Sierra Center Pkwy (this is a future separate deliverable).

Client Reference: Jon Simpson, Engineering Manager - Utilities | 775.689.2961 | City of Reno

CCWD Huckleberry Lift Station Improvements | San Andreas, CA

The Huckleberry Lift Station is one of, if not the most critical wastewater components in the Calaveras County Water District's (District) La Contenta service area. The lift station is located in an environmentally sensitive location next to Cosgrove Creek and is the main source of influent pumping to the La Contenta Wastewater Treatment Facility. The original station is now over 30 years old and requires replacement. Due to its critical nature, the existing lift station must remain in place and operational while the replacement station is constructed. Complicated projects like these require a dedicated team of technical experts that can communicate effectively and implement a winning design strategy for successful construction and operation of the new lift station for decades to come.

Drone view of current Huckleberry Lift Station



Key Relevance:

- Critical Infrastructure
- Lift Station Replacement
- Staged Construction

Client Reference: Kevin Williams, District Engineer | 209.754.3184 | Calaveras County Water District

DBE Inclusion for City of Angels Camp Projects

As the contract engineer for the City of Angels Camp, it is imperative to integrate Disadvantaged Business Enterprises (DBEs) into our federally funded projects to comply with federal and state mandates, thereby ensuring the continuation of funding and adherence to legal requirements. The U.S. Department of Transportation's regulations, specifically Title 49 CFR Part 26, require recipients of federal assistance to establish DBE programs that promote participation of small, disadvantaged businesses in transportation-related contracts. Caltrans, aligning with these federal guidelines, has set an overall goal for federal projects.

To meet these obligations, our approach involves:

- Identifying DBE Opportunities: Analyzing each project to earmark specific tasks suitable for DBE participation, ensuring that contract goals are met in accordance with Caltrans' methodologies.
- Engaging Certified DBEs: Utilizing the California Unified Certification Program (CUCP) database to select DBEs certified by Caltrans, thereby guaranteeing that only bona fide firms contribute towards the City's DBE goals.
- Ensuring Compliance and Documentation: Maintaining meticulous records of DBE engagements, including solicitations and commitments, to demonstrate adherence to DBE requirements and facilitate transparent reporting.

By systematically incorporating DBEs into our project planning and execution, **we not only fulfill mandatory compliance requirements but also secure essential funding, ensuring the successful delivery of infrastructure projects for the City of Angels Camp.**

Conflicts of Interest

Lumos & Associates certifies that it has no conflicts of interest in connection with the performance of the services described in the RFQ.

Financial Management & Accounting

Lumos & Associates is fully compliant with 48 CFR Parts 16.301-3 and 31, and 49 CFR Part 18. We have experience successfully managing federally funded projects under these regulations, with established systems to ensure proper cost tracking, reporting, and accountability.

3. Project Team

The chart below represents the selected team members specifically performing services on projects from this on-call contract. In addition to our proposed team, Lumos has additional resources with the capacity to support the City’s projects and goals. Resume bios for our key personnel are on the pages following this organizational chart.





Aaron Brusatori, P.E.

City Engineer / Project Manager

With over 24 years of civil engineering experience, Aaron brings a wealth of planning, design, construction, and administration expertise for public and private infrastructure projects. He is our El Dorado Hills Group Manager and has previously served as Community Development Director, Public Works Director, Road Commissioner and County Engineer for Amador County. Aaron has a unique project history including transportation, utilities, private development, public administration and road maintenance and operations. Aaron currently serves as the City Engineer for Angels Camp.

Selected Relevant Projects

City of Fort Bragg Acting City Engineer & City Surveyor | Fort Bragg, CA

Through Acting City Engineer Aaron Brusatori, P.E., Lumos & Associates provides full-service city engineering and surveying support to the City of Fort Bragg. Lumos supports the City’s transportation infrastructure by maintaining and updating the Pavement Management Database, evaluating street conditions, and recommending targeted strategies for preservation and reconstruction. Our team has reviewed drainage studies for private developments to ensure compliance with City codes and ADA standards, and has led regulatory coordination for culvert replacement projects—preparing drainage calculations and assisting with permitting from the California Department of Fish and Wildlife, Army Corps of Engineers, and Regional Water Quality Control Board. In our role as City Surveyor, we review parcel maps, lot line adjustments, and certificates of compliance, and provide field survey support for capital projects.

City of Fort Bragg 2025 Pavement Preservation & Rehabilitation Fort Bragg, CA

Spring of 2024 Lumos was selected by the City of Fort Bragg to deliver the design of the 2025 Pavement Preservation and Rehabilitation Project. Our crews were dispatched to evaluate curb ramps for ADA compliance and to identify pavement failures. We evaluated more than 50 curb ramps for ADA compliance and identified with paint marks digout locations on 25 streets. Aerial imagery was collected to locate the painted digouts. The intersection of Laurel St and Whipple St was identified to resolve surface drainage issue a north-south subsurface bubbler was removed and the intersection was regraded to directing storm water flows to existing inlets. This solution provides ADA compliant access at all four corners of the intersection as well as a smooth vehicular transition on each leg of the intersection. As a value-added service, we collected aerial imagery of all the streets in the City using fixed wing aircraft. The aerial imagery was used as the base for this project and has been used as reference to support the City on other projects addressed by separate contract. The project has an estimated construction cost of \$2,000,000 and is slated for construction summer of 2025.

EDUCATION
BS, Civil Engineering,
California Polytechnic State
University, San Luis Obispo,
2000

**PROFESSIONAL
LICENSURE &
CERTIFICATIONS**
Licensed Professional
Engineer in CA #64384

INDUSTRY TENURE
24 years

LUMOS TENURE
1 year

**CITY OF ANGEL’S CAMP
CITY ENGINEER**
2+ years



Dan Stucky, P.E. | Quality Assurance & Quality Control

With nearly 19 years of experience in both public service and private consulting, Dan brings a sharp eye for detail and a broad understanding of water resource systems that make him exceptionally effective in a QA/QC role. As former City Engineer and Deputy Public Works Director for Carson City, he championed major initiatives—such as the City’s first drainage manual, LID standards, and utility rate restructuring—demonstrating a strong commitment to quality, consistency, and data-driven decision-making. In private practice, Dan has served as a technical lead on a wide range of complex projects, from hydrologic and hydraulic analyses to storm water master planning and erosion control design. His comprehensive background allows him to critically review work across disciplines and ensure deliverables meet the highest standards of accuracy, constructibility, and long-term performance.

- ✓ Education: MS, Hydrology, University of Nevada, Reno, 2014 | BS, Civil Engineering, University of Kansas, 2006
- ✓ Licensed P.E. in CA & NV

► **Transportation**



Judy Tortelli, P.E. | Construction Administration & Design Lead

Judy is a seasoned project manager and civil engineer with a strong record of successfully delivering complex transportation and infrastructure projects. She has led high-profile efforts for the Nevada Department of Transportation (NDOT), the Regional Transportation Commission (RTC), and the City of Reno, overseeing work ranging from stream restoration and bridge replacements to roadway and multimodal corridor improvements. With expertise in program management, environmental permitting, stakeholder coordination, and project delivery, Judy consistently guides projects to completion on time and within budget. Her collaborative leadership style and technical insight enable public agencies to achieve critical infrastructure goals while advancing safety, connectivity, and long-term community value.

- ✓ Education: BS, Computer Science, University of Nevada, Reno, 2002
- ✓ Licensed P.E. in CA



Cami Jackson, P.E. | Design Engineer

Cami is a Civil Engineering Project Manager with a strong background in both public works and private land development. Her expertise spans the full range of transportation and infrastructure design, including grading, utilities, water quality, roadway improvements, signage and striping, street lighting, and ADA-compliant streetscapes. With experience delivering projects in urban, suburban, and master-planned settings, she brings a balanced understanding of agency expectations and developer needs. Cami is known for her ability to navigate complex review processes, coordinate with diverse stakeholders, and deliver practical, well-integrated solutions that enhance mobility and community infrastructure.

- ✓ Education: BS, Civil Engineering, University of Nevada, Reno, 2011
- ✓ Licensed P.E. in CA, NV, & ID

► **Geotech & Construction**



Brian Harer | Inspection & Testing Lead

Brian brings over 18 years of experience in construction inspection and materials testing, with a deep understanding of industry standards including ASTM, AASHTO, ACI, and regional specifications. As a Senior Construction Project Manager, he is skilled in ensuring quality assurance through every phase of construction, with a focus on compliance, risk mitigation, and clear communication. Brian’s background spans transportation, water, wastewater, and public infrastructure projects, where he consistently delivers results that meet technical, budgetary, and schedule expectations. His leadership, technical knowledge, and field experience make him a trusted resource for managing inspection and testing efforts on complex civil projects.

- ✓ Certifications: NAQTC, ACI, ATTSa, OSHA



Mitch Burns, P.E., CEM | Geotechnical Lead

With over 34 years of geotechnical engineering experience, Mitch brings deep technical expertise and practical insight to every phase of project development. Serving as the geotechnical lead for this project, he will guide subsurface investigations, analysis, and design recommendations to ensure safe, resilient, and cost-effective solutions. Mitch’s background spans a wide range of infrastructure types—including roads, pipelines, airports, and public facilities—across Nevada. As Lumos’s Materials Engineering Manager, he oversees three AASHTO-certified laboratories and leads field testing and geotechnical reporting efforts. His specialties include slope stability, fault hazard assessments, and advanced roadway rehabilitation techniques such as full-depth reclamation, soil stabilization, and geosynthetic reinforcement.

- ✓ Education: MS and BS, Civil Engineering, University of Nevada, Reno
- ✓ Licensed P.E. in CA & NV

► **Water & Wastewater**



Jonathan Lesperance, P.E. | Planning Lead

Jonathan has over 15 years of experience leading the design and delivery of municipal water and wastewater projects. His background includes pressure and gravity sewer systems, hydraulic modeling, master planning, lift stations, and treatment systems. With extensive experience in construction-phase engineering, Jonathan brings a strong focus on constructibility and cost-effective design. He oversees technical delivery across Lumos’s Wastewater Discipline Focus Group, provides mentorship to junior staff, and serves as District Engineer for Gardnerville Ranchos GID and County Engineer for Eureka County, Nevada.

- ✓ Education: BS, Civil Engineering, Arizona State University, 2009
- ✓ Licensed P.E. in CA & NV



Mara Quiroga, P.E. | Water/Wastewater Lead

Mara brings nearly nine years of focused experience in water and wastewater engineering, with specialized expertise in hydraulic modeling and system planning. As the water/wastewater lead for this project, she will guide modeling and analysis efforts to ensure the proposed improvements are grounded in a clear understanding of system capacity, operational constraints, and long-term performance needs. Proficient in Bentley WaterCAD, Mara develops and maintains models for municipal systems throughout California and Nevada, using them to support master plans, identify deficiencies, and prioritize capital improvements. Her work has been instrumental in delivering major infrastructure projects, including system-wide pipeline replacements and integrated water master plans.

- ✓ Education: BS, Civil Engineering, University of Nevada, Reno, 2015
- ✓ Licensed P.E. in NV, CA, & ID



Chelsea Cluff, P.E. | Water/Wastewater Lead

Chelsea brings seven years of experience in water resources engineering, with a strong foundation in both system planning and design. As the water/wastewater lead for this project, she will guide the development of practical, implementation-focused solutions grounded in long-range system needs. Chelsea’s background includes extensive work in hydraulic modeling and master planning for municipalities across California and Nevada, where she has supported efforts to improve resiliency, optimize system performance, and prioritize capital investments. Her ability to translate planning insights into actionable infrastructure projects has helped agencies streamline implementation and maximize return on investment.

- ✓ Education: BS, Civil Engineering, University of Nevada, Reno, 2017
- ✓ Licensed P.E. in NV



Tyler Sproule, P.G. | Hydrogeology Lead

Tyler brings eight years of specialized experience in water resources, with a strong focus on groundwater systems, well development, and subsurface investigations. As the hydrogeology lead for this project, he will oversee groundwater-related evaluations and provide expert guidance on well design, aquifer analysis, and system reliability. Tyler has led drilling, rehabilitation, and exploration efforts for public agencies and utilities across Nevada and Arizona, supporting both water supply planning and infrastructure development. His work includes groundwater modeling, pump and well design, and dewatering system implementation, along with basin-scale water budget assessments and subsurface geologic evaluations.

- ✓ Education: MS, Hydrology, New Mexico Institue of Mining & Technology, 2019 | BS, Earth & Planetary Science, University of California, Santa Cruz, 2014
- ✓ Licensed P.G. in CA

► **Survey**



Andrew Chafer, P.L.S., CFedS | Survey Lead

With 25 years of professional surveying experience across California and Nevada, Andrew serves as the survey lead for this project, bringing a comprehensive understanding of both traditional and advanced geospatial practices. His background includes serving as a City Surveyor, where he provided map review and oversight, as well as hands-on expertise in topographic, boundary, and right-of-way mapping. Andrew has supported a wide range of projects—from residential and commercial developments to major public works—through precise construction staking and deformation monitoring of critical infrastructure such as dams and steel structures. He is also highly experienced in the application of advanced technologies, including UAS mapping, aerial and terrestrial LiDAR/3D scanning, and InSAR mapping.

- ✓ Education: BS, Civil Engineering, San Jose State University
- ✓ Licensed P.L.S. in CA & NV

► **Structural**



Manish Khanal, P.E., S.E. | Structural Design

Manish Khanal is a skilled structural engineer with nine years of experience delivering thoughtful, technically sound solutions for public agency, institutional, and commercial building projects. His work reflects a deep understanding of complex structural systems, with particular strength in supporting critical infrastructure through seismic rehabilitation, fatigue design, and advanced structural analysis. Manish is committed to serving communities through safe, resilient, and efficient design, drawing on a broad portfolio that includes both new construction and retrofit efforts. His fluency in industry-standard tools—ranging from STAAD-Pro and ETABS to Revit and IDEA Statica—enables him to tackle challenging structural demands with precision and creativity.

- ✓ Education: MS, Civil Engineering (Structural), University of Houston, TX | BS, Civil Engineering, Tribhuvan University, Nepal
- ✓ Licensed P.E. in CA, NV, WA, ID, HI, & TX

► Subconsultants



Amberly Morgan | Senior Environmental Planner

With over 15 years of experience, including 6 years at ECORP and 2 years in the public sector, Amberly specializes in CEQA and NEPA compliance. She has prepared and reviewed a wide range of environmental documents, including EIRs, IS/MNDs, CE, PEARS, and FONSI, along with supporting technical studies such as visual and community impact assessments, hydrology reports, and biological studies. Her project experience spans water infrastructure, transportation, parks, trails, renewable energy, and development, with extensive coordination on Caltrans projects.

✓ *Education: BA, Environmental Studies, Minor in Biological Science, California State University, Sacramento*

Kelly Hobbs | Senior Environmental Planner

Mr. Hobbs brings over 24 years of experience in environmental compliance, with specialized expertise in CEQA, NEPA, and Section 106. He has led environmental reviews and cultural resource studies for a wide range of infrastructure projects, both on and off the State Highway System. A former Caltrans leader, he managed statewide compliance programs and developed training to support consistent, efficient project delivery. His blend of technical knowledge and program-level experience makes him a valuable asset for navigating regulatory requirements and ensuring successful project outcomes.

✓ *Education: BA, History, California State University, Fresno*



Matt Ospital, P.E. | City Surveyor Coordination

Matt has 19 years of experience with the majority of his career spent in the public works realm. He will leverage his extensive design and survey experience to support the coordination of this project.

✓ *Education: BS, Civil Engineering, California Polytechnic State University, San Luis Obispo*

Mike Dorris | Surveyor & Inspector

Mike has over 35 years of construction experience in roadway projects from small to large in scope and size. He has extensive and hands-on experience with underground utilities, earthwork, grading, concrete, and retaining walls.



Terrence Weatherby, S.E. | Structural Reviews

Terry has over 42 years of experience in providing structural design for a wide variety of projects. He will utilize his extensive experience in working with public agencies in order to deliver support on this project. He has experience working with Angels Camp, and has successfully provided services for many local municipalities in the surrounding areas.

✓ *Education: BS, Architectural Engineering, California Polytechnic State University, San Luis Obispo*

4. Approach and Methodology

Approach to Working with the City of Angels Camp

At Lumos & Associates, we understand that the City of Angels Camp requires more than technical support—it requires a trusted engineering partner who understands the nuances of a small, resource-conscious municipality. **Our team is ready to provide responsive, full-service engineering that prioritizes local needs, practical solutions, and long-term community benefit.**

Local Insight, Responsive Support

As the current City Engineer, Aaron Brusatori, P.E., brings a well-established rapport with City staff and a working knowledge of the City's infrastructure, operations, and standards. With deep experience in public works leadership, he understands how to operate within the City's structure and support its mission effectively. Our approach reflects this: **accessible, consistent, and proactive.** We work directly with operations teams, respond quickly to emerging issues, and deliver context-informed recommendations.

Hands-On Project Delivery

Lumos employs a Project Management Plan (PMP) for every task, ensuring alignment on scope, schedule, deliverables, and communication. We maintain clear lines of contact and provide regular check-ins, monthly status updates to Council, and staff support for day-to-day questions or strategic planning. Our approach includes:

- Quarterly coordination with Caltrans to stay aligned with Local Assistance Program Guidelines (LAPG) for federally funded work.
- Scope and budget clarity at the start of every project to support transparency and control.
- Emergency response readiness to address infrastructure failures or weather events with rapid mobilization and engineering support.

Tailored to a Small City's Structure

Angels Camp operates with a compact and dedicated

staff, so our services are designed to integrate seamlessly. We provide flexible support—from plan checks and permitting to grant management and capital planning. Our depth of staff means we can scale based on the City's needs, while keeping decision-making simple and personal.

We understand the importance of:

- Efficient collaboration with Public Works for water, wastewater, and roads.
- Supporting grant funding through application development, compliance, and reporting.
- Reviewing and updating City codes, standards, and CIP priorities.
- Bringing in targeted expertise in transportation, water, and wastewater engineering to meet technical demands and ensure regulatory compliance without overburdening City resources.

Quality, Consistency, and Accountability

Our quality assurance model includes a three-step review for all deliverables: internal design review, independent technical review, and project manager quality check. This process ensures technical excellence and minimizes revisions. All comments—internal or City-provided—are tracked in a Comment Resolution Matrix for transparency and closure.



Quality Assurance & Quality Control

Quality Assurance (QA): Getting It Right from the Start

At Lumos & Associates, we recognize that high-quality deliverables begin with a structured, deliberate approach to both quality assurance and quality control. Our QA/QC process is embedded into every phase of project delivery—ensuring accuracy, constructibility, and compliance with local, state, and federal standards.

Our quality assurance approach is designed to ensure that all projects are set up for success from the outset. This includes defining clear project scopes, assigning qualified staff, and using internal controls to monitor progress and decision-making throughout the project lifecycle.

- Project Management Plans (PMPs) serve as a foundation for every project, detailing scope, deliverables, contact roles, schedule, and budget expectations.
- Kick-off coordination ensures alignment between Lumos, City staff, stakeholders, and funding agencies.
- Consistent communication through check-ins, technical discussions, and council updates ensures that decisions are documented, shared, and implemented effectively.

Quality Control (QC): Technical Review and Documentation Integrity

Our quality control process emphasizes detailed, multi-tiered reviews that verify all project components are technically sound, internally consistent, and compliant with applicable standards.

Each submittal (30%, 60%, 90%, and Final) undergoes a three-phase review process:

1. Task Lead Review: The initial technical review conducted by the engineer or designer responsible for the work.
2. Independent Technical Review (ITR): A peer-level review conducted by a qualified engineer not involved in the project’s design. This ensures objectivity and provides a second layer of oversight.



3. Project Manager QA Review: The final review confirms accuracy, completeness, and responsiveness to prior comments.

To ensure transparency and accountability:

- All City and internal comments are logged in a Comment Resolution Matrix (CRM), which is updated with each submittal.
- The CRM allows both the City and our team to track how and when feedback was addressed, providing continuity and a clear record of decisions.
- Subconsultant deliverables are held to the same review standards, and their QA/QC efforts are coordinated through the Lumos Project Manager.

Deliverables You Can Trust

Our QA/QC program reduces rework, avoids permitting or construction delays, and enhances confidence in every document, drawing, or plan submitted. We pride ourselves on being proactive, thorough, and committed to the highest standards of public sector engineering.

Lumos Methodology for Transportation Projects

Challenges	Mitigation & Solutions
Right-of-Way (ROW) Constraints Irregular ROW widths; adjacent parcel conflicts.	<ul style="list-style-type: none"> • Early UAV surveys and base mapping. • Alignment design within existing ROW. • Use of historical ROW documentation to reduce acquisition delays.
Terrain and Slope Stabilization Steep terrain, erosion, slope failure.	<ul style="list-style-type: none"> • Soil borings and geotechnical investigations. • Slope stabilization using soil nail walls or MSE walls. • Integration of aesthetic treatments on visible walls (e.g. railroad ties).
Environmental Compliance Wetlands, federal funding requirements (HUD/NEPA).	<ul style="list-style-type: none"> • Environmental Assessments (EA), scoping, and public notices. • Minimization strategies for wetland impacts. • Early stakeholder engagement to identify low-resistance permitting paths.
Utility Conflicts Utility poles in alignment, limited lighting infrastructure.	<ul style="list-style-type: none"> • Avoidance of high-voltage transmission lines. • Relocation of distribution lines where feasible. • Photometric lighting plans that comply with ADA.
Drainage and Stormwater Flood-prone areas, erosion, stormwater management	<ul style="list-style-type: none"> • Use of hydrologic modeling and upgraded culverts. • Incorporation of stabilized ditches, curbs, gutters, and LID systems. • Early integration of drainage design to inform roadway layout.
Complete Streets Design Lack of multi-modal facilities; unsafe crossings.	<ul style="list-style-type: none"> • Cross-section alternatives (bike lanes, sharrows, multi-use paths). • Integration of traffic calming features (bulb-outs, RRFBs). • Connectivity planning with adjacent corridors and future roundabouts.
Public Outreach and Stakeholder Engagement Public concerns, HUD coordination, grant requirements.	<ul style="list-style-type: none"> • Public Information Plans (PIP) including presentations and online surveys. • Coordination with advocacy groups, businesses, and residents. • Use of outreach firms to conduct targeted engagement campaigns.
Aesthetics and Corridor Identity Visual impact of infrastructure in key gateways.	<ul style="list-style-type: none"> • Landscape design that aligns with local identity (e.g. trail monuments). • Retaining wall treatments, trailhead improvements, urban furniture. • Coordination with local attractions like museums for design continuity.
Project Management and Delivery Tight timelines, federal grant conditions, multi-agency collaboration.	<ul style="list-style-type: none"> • On-call teams and rapid mobilization strategies. • Critical path scheduling and integrated QA/QC reviews. • Use of data-driven decisions and real-time adjustments during delivery.

Lumos Methodology for Water Projects

Challenges	Mitigation & Solutions
Project Kickoff and Coordination Misaligned expectations, unclear scope, stakeholder concerns.	<ul style="list-style-type: none"> Kickoff meetings with owners, operators, and permitting agencies to align on goals. Early community engagement and transparent communication to build trust. Develop tools like Issue & Decision Tracking Logs, Value Engineering Logs, and Risk Registers.
Data Collection and Validation Unknown site conditions, utility conflicts, outdated records.	<ul style="list-style-type: none"> Topographic survey & LiDAR verification. Selective potholing for water and gas utilities. Site walks, sewer camera inspections, and GIS/as-built data verification. Hydraulic modeling using InfoWater or WaterCAD. Bathymetric surveys, geotechnical borings, and inflow/outflow tracking for reservoirs and dams.
Hydraulic Modeling and Master Planning Capacity shortfalls, regulatory non-compliance, aging infrastructure.	<ul style="list-style-type: none"> Calibrate hydraulic models to simulate peak hour, fire flow, and average/max day demand. Analyze water age and disinfection byproduct (DBP) risks. Assess system resiliency under growth and drought scenarios. Prioritize CIP projects and evaluate intertie opportunities.
Design Development Maintaining service during construction, environmental constraints.	<ul style="list-style-type: none"> Develop Basis of Design Report (BODR) at 15–30%. Progressive design submittals: 30%, 60%, 90%, Final. Coordinate constructability, phasing, and shutdowns with O&M staff. Vendor coordination and equipment pre-procurement for treatment plants. Seepage/outlet structure modeling and FEMA/DSOD compliance for dams/reservoirs.
Permitting and Environmental Compliance Delays from regulatory approvals, environmental risks.	<ul style="list-style-type: none"> Use dedicated permitting subconsultants for TRPA, CADDW, FEMA, etc. Coordinate early with federal and local agencies. Navigate FEMA EHP processes and conduct environmental/cultural assessments.
Cost Modeling and Value Engineering Budget overruns, escalation, change orders.	<ul style="list-style-type: none"> Submit progressive OPCC at 30%, 60%, 90% design. Conduct ongoing cost tracking and bi-monthly VE sessions. Use open-book estimating and independent cost estimators (ICE). Develop shared risk-based contingency plans.
Construction Support and Sequencing Maintaining service, field adaptation, delayed materials.	<ul style="list-style-type: none"> Develop construction phasing plans for seamless tie-ins and testing. Issue Early Work Packages (EWP) to secure long-lead items. Coordinate with residents for service lateral tie-ins. Maintain on-site presence, weekly meetings, and adaptability.
Commissioning, Decommissioning, and Closeout Incomplete transitions, unclear O&M handoff.	<ul style="list-style-type: none"> Develop detailed commissioning plans aligned with tie-ins. Ensure live connections before abandoning old systems. Provide as-built documentation, operator training, and O&M recommendations.

Methodology for Wastewater Projects

Challenges	Mitigation & Solutions
<p>Comprehensive Project Planning & Stakeholder Coordination</p> <p>Scope uncertainty, stakeholder misalignment, missed constraints.</p>	<ul style="list-style-type: none"> Start with a kickoff meeting involving the city, utility companies, permitting agencies, and project partners. Develop a communication plan for weekly updates and decision tracking. Build in design contingencies for unknowns and allow scope refinement based on field data.
<p>Thorough Site Investigation & Data Collection</p> <p>Unknown utilities, soil issues, misaligned designs, flooding risks.</p>	<ul style="list-style-type: none"> Topographic Survey: Detailed horizontal and vertical mapping, using field crews and drone support where needed. Manhole & Utility Mapping: Includes rim/invert elevations, flow directions, and lateral confirmations using CCTV. Potholing Coordination: Identify critical utility crossings to avoid costly conflicts; work with City-hired contractors. Geotechnical Investigation: Use test pits/borings to assess trench stability, pipe bedding, corrosion, and percolation for storm/sewer structures. Stormwater Evaluation: Identify flood-prone areas and size storm drain systems accordingly.
<p>Preliminary Engineering & Alternatives Analysis</p> <p>Selecting cost-effective, feasible solutions; meeting future capacity needs</p>	<ul style="list-style-type: none"> Assess repair vs. replacement based on existing conditions. Evaluate options for upsizing, rerouting, or new alignments when capacity or grade issues arise. Incorporate bypass pumping plans to maintain sewer service during construction. For pump stations or treatment: <ul style="list-style-type: none"> Simple designs with redundancy (e.g., duty/standby pumps) Screening and pretreatment for high-strength or unpredictable flows Pond lining, monitoring wells, and effluent disposal upgrades.
<p>Detailed Design and Phased Implementation</p> <p>Construction disruptions, environmental impacts, flood risk, cost overruns</p>	<ul style="list-style-type: none"> Develop plans in 30% → 60% → 90% → Final stages with review meetings. Break complex projects into constructible phases. Retain existing elements where beneficial. Integrate odorous flow controls, flood protection features, and emergency storage.
<p>Permitting and Compliance</p> <p>Regulatory delays, environmental violations</p>	<ul style="list-style-type: none"> Early coordination with City and State agencies. Account for FEMA flood zones, AIS requirements, and NPDES permits.
<p>Cost Estimation and Budget Control</p> <p>Budget overruns, underestimation, funding gaps</p>	<ul style="list-style-type: none"> Provide Class 3 OPCC at 30% design. Refine with ICE support at 90% and Final design. Use accurate quantities, vendor quotes, and local unit costs. Track cost implications via design contingency fund.

Challenges	Mitigation & Solutions
<p>Bidding Support & Construction Services</p> <p>Misinterpretation of design, scope gaps, inefficient execution</p>	<ul style="list-style-type: none"> • Provide technical Q&A support during bidding. • Issue addenda and assist with bid evaluation. • During construction: <ul style="list-style-type: none"> - Respond to RFIs - Review submittals and bypass plans - Coordinate inspections and as-built documentation - Observe critical phases like pond lining and lift station cut-overs.
<p>Closeout & Post-Construction</p> <p>Long-term O&M issues, undocumented changes</p>	<ul style="list-style-type: none"> • Deliver final record drawings, digitally and signed/sealed. • Conduct training or handoff for City operators. • Document design decisions, material choices, and deviations from original plans.

5. Compliance with Federal Procurement Requirements

Lumos & Associates complies with all applicable federal procurement requirements, as shown in the following forms.

Unique Entity ID (UEI)

Contractors and sub-contractors need to have a Unique ID (12-character alphanumeric ID assigned to an entity by SAM.gov) for ease of verification they are not debarred from working on projects with federal funding. SAM registration must be completed and valid to execute the Contract. This is in addition to assuring they are properly licensed by the Nevada State Contractor’s Board.

The unique entity identifier used in SAM.gov has changed. On April 4, 2022, the unique entity identifier used across the federal government changed from the DUNS Number to the Unique Entity ID (generated by SAM.gov).

- The Unique Entity ID is a 12-character alphanumeric ID assigned to an entity by SAM.gov.
- As part of this transition, the DUNS Number has been removed from SAM.gov.
- Entity registration, searching, and data entry in SAM.gov now require use of the new Unique Entity ID.
- Existing registered entities can find their Unique Entity ID by following the steps here.
- New entities can get their Unique Entity ID at SAM.gov and, if required, complete an entity registration.

Enter Prime Contractor UEI Number: WG9KPQRE5683

CERTIFICATION REQUIRED BY SECTION 1352 OF TITLE 31, UNITED STATES CODE

RESTRICTIONS OF LOBBYING USING APPROPRIATED FEDERAL FUNDS

The undersigned certifies, to the best of his or her knowledge and belief that:

- (1) No Federal appropriate 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 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 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.
- (2) 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 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.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

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 section 1352, title 31, U.S. Code. 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.

Timothy Russell
Name (please type or print)


Signature

VP of Strategic Partnerships
Title

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether sub-awardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a covered Federal action. Use the SF-LLL-A Continuation Sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity in and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or sub-award recipient. Identify the tier of the sub-awardee, e.g., the first sub-awardee of the prime is the 1st tier. Sub-awards include but are not limited to subcontracts, sub-grants and contract awards under grants.
5. If the organization filing the report in item 4 checks "Sub-awardee", then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP- DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, first Name, and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed, or will be expected to perform, and the date(s) of any services rendered. Include all preparatory and related activity, not just time spent in actual contact with Federal officials. Identify the Federal officials. Identify the Federal official(s) or employee(s) contacted or the officer(s), employee(s), or Member(s) of Congress that were contacted.
15. Check whether or not a SF-LL-A Continuation Sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348- 0046), Washington, D.C. 20503.

<div>Section 10, Item G.</div>		
<div><div>1. Type of Federal Actions:</div><div><div><input type="checkbox"/> a. contract</div><div><input type="checkbox"/> b. grant</div><div><input type="checkbox"/> c. cooperative agreement</div><div><input type="checkbox"/> d. loan</div><div><input type="checkbox"/> e. loan guarantee</div><div><input type="checkbox"/> f. loan insurance</div></div></div>	<div><div>2. Status of Federal Action:</div><div><div><input type="checkbox"/> a. bid/offer/application</div><div><input type="checkbox"/> c. Initial award</div><div><input type="checkbox"/> d. post-award</div></div></div>	<div><div>3. Report Type:</div><div><div><input type="checkbox"/> a. initial filing</div><div><input type="checkbox"/> b. material change</div></div><div>For Material Change Only: year_____quarter_____ date of last report _____</div></div>
<div><div>4. Name and Address of Reporting Entity:</div><div><div><input type="checkbox"/> Prime</div><div><input type="checkbox"/> Sub-awardee</div></div><div>Tier_____, if known:</div><div>Congressional District, if known:</div></div>	<div><div>5. If Reporting Entity in No. 4 is Sub-awardee, Enter Name and Address of Prime:</div><div>Congressional District, if known:</div></div>	
<div><div>6. Federal Department/Agency:</div></div>	<div><div>7. Federal Program Name/Description:</div><div>CFDA Number, if applicable: _____</div></div>	
<div><div>8. Federal Action Number, if know:</div></div>	<div><div>9. Award Amount, if known:</div><div>\$</div></div>	
<div><div>10. a. Name and Address of Lobbying Entity</div><div>(if individual, last name, first name, MI):</div><div>(attach Continuation Sheet(s) SF-LLL-A, if necessary)</div></div>	<div><div>b. Individuals Performing Services (including address if different from No. 10a)</div><div>(last name, first name, MI):</div><div>(attach Continuation Sheet(s) SF-LLL-A, if necessary)</div></div>	
<div><div>11. Amount of Payment (check all that apply):</div><div>\$_____ <input type="checkbox"/> actual <input type="checkbox"/> planned</div></div>	<div><div>13. Type of Payment (check all that apply):</div><div><div><input type="checkbox"/> a. retainer</div><div><input type="checkbox"/> b. one-time fee</div><div><input type="checkbox"/> c. commission</div><div><input type="checkbox"/> d. contingent fee</div><div><input type="checkbox"/> e. deferred</div><div><input type="checkbox"/> f. other; specify: _____</div></div></div>	
<div><div>12. Form of Payment (check all that apply):</div><div><div><input type="checkbox"/> a. cash</div><div><input type="checkbox"/> b. in-kind; specify: nature _____ value _____</div></div></div>		
<div><div>14. Brief Description of Services Performed or to be Performed and Date(s) of Service, including officer(s), employee(s), or Member(s) contacted, for Payment indicated in Item 11:</div><div>(attach Continuation Sheet(s) SF-LLL-A, if necessary)</div></div>		
<div><div>15. Continuation Sheet(s) SF-LLL-A attached:</div><div><div><input type="checkbox"/> Yes</div><div><input type="checkbox"/> No</div></div></div>		
<div><div>16. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</div></div>	<div><div>Signature:</div><div>Print Name:</div><div>Title:</div><div>Telephone No.:_____Date:_____</div></div>	
<div>Federal Use Only:</div>		<div>Authorized for Local Reproduction Standard Form - LLL</div>

AFFIDAVIT REQUIRED UNDER 23 USC SECTION 112(c)
AND 2 CFR PARTS 180 AND 1200 - SUSPENSION OR DEBARMENT

STATE OF Nevada }
COUNTY OF _____ } SS

I, Timothy Russell (Name of party signing this affidavit
and the Proposal Form) VP of Strategic Partnerships (title).
being duly sworn do depose and say: That Lumos & Associates (name of person, firm,
association, or corporation) has not, either directly or indirectly, entered into agreement, participated in
any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this
contract; and further that, except as noted below to the best of knowledge, the above named and its
principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public or private agreement or transaction; violation of Federal or State antitrust statutes, including those proscribing price fixing between competitors, allocation of customers between competitors, and bid rigging; commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, receiving stolen property, making false claims, or obstruction of justice; commission of any other offense indicating a lack of business integrity or business honesty that seriously and directly affects your present responsibility;
- (c) 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 (b) of this certification; and
- (d) 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.

(Insert Exceptions, attach additional sheets)

The above exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility and whether or not the Department will enter into contract with the party. For any exception noted, indicate on an attached sheet to whom it applies, initiating agency, and dates of action. Providing false information may result in criminal prosecution or administrative sanctions. The failure to furnish this affidavit and required exceptions if any shall disqualify the party.

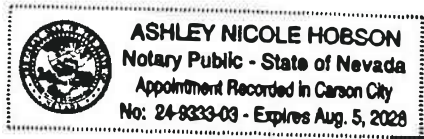
Timothy Russell
Signature

VP of Strategic Partnerships
Title

Sworn to before me this 24th day of April, 2025

(SEAL)

Ashley A.
Notary Public, Judge or other Official



6. Qualifications and References

CITY OF ANGELS CAMP

Chris O'Flinn | Public Works Superintendent

Phone: 209.736.2181

Email: chrisoflinn@angelscamp.gov

CITY OF ANGELS CAMP

Amy Augustine, AICP | Contract City Planner

Phone: 209.743.2323

Email: planning@angelscamp.gov

Project: Habitat for Humanity Subdivision Review & City Engineer

Dates: 2024 - Current

GARDNERVILLE RANCHOS GENERAL IMPROVEMENT DISTRICT

Greg Reed | District Manager

Phone: 775.265.2048

Email: agreed@grgid.com

Project: South District Pipeline Replacement Program (Phase 1-3)

Dates: 2021 - Current

ALPINE COUNTY COMMUNITY DEVELOPMENT

Ethan Gray | Deputy Director

Phone: 530.694.2140 x451

Email: egray@alpinecountyca.gov

Project: Markleeville Culvert Repair Project

Dates: Jan. 2018 - Jan. 2021

EUREKA COUNTY PUBLIC WORKS

Jebb Rowley | Public Works Director

Phone: 775.237.5372

Email: jrowley@eurekacountynv.gov

Project: Eureka County Emergency Flood Response & County Engineer

Dates: 1980s - Current (County Engineer), 2023 (Emergency Flood Response)

CITY OF FORT BRAGG

Chantell O'Neal | Assistant Director; Engineering Division

Phone: 707.961.2823 x133

Email: coneal@fortbragg.com

Project: On-Call Engineering and Surveying Services

Dates: 2024 - Current

AMADOR WATER AGENCY

Brandt Cook | Resident Engineer

Phone: 209.257.5206

Email: bcook@amadorwater.org

Project: Wastewater Master Plan

Dates: July 2021 - April 2023

7. Cost Proposal

Engineering	Per Hour
Director	\$330
Group Manager	315
Senior Project Manager – Special Projects	285
Assistant / Project / Senior Project Manager	240/270/285
Staff / Project / Senior Hydrogeologist	215/230/240
Staff / Project / Senior Engineer	220/230/245
Assistant / Project / Senior Project Coordinator	170/210/225
Project / Senior Project Designer	190/200
Engineering Technician I / II / III	120/160/175
Construction	Per Hour
Director	\$330
Materials Engineering Manager	285
Assistant / Project / Senior Project Manager	240/270/280
Staff / Project / Senior Geotechnical Engineer	220/230/245
Construction Services Supervisor / Engineer	195/210
Assistant / Project / Senior Project Coordinator	170/210/225
Geotechnician	190
Inspector / Senior Inspector (includes nuclear gauge)	180/190
Construction Technician I / II / III	145/155/165
Materials Technician I / II / III (includes nuclear gauge)	115/145/155
Administrative Technician	105/115/125
Surveying	Per Hour
Director	\$330
Group Manager	315
Assistant / Project / Senior Project Manager	240/270/280
Staff / Project / Senior Surveyor	220/230/245
Assistant / Project / Senior Project Coordinator	170/210/225
Photogrammetrist / Photogrammetry Manager	170/205
GIS Analyst	170
Surveying Technician I / II / III	120/160/175
Party Chief	210
Administrative & Other Services	Per Hour
Administrative Support	\$145
Copy & Print Services	Cost + 15%
Mileage (per mile)	0.90

- Fees for prevailing wage rate projects are available upon request.
- Map filing, checking, consulting, and other fees paid on behalf of the client shall be billed at cost plus fifteen percent (15%).
- Overtime hours will be billed at 1.5 times the standard rate where applicable.
- Survey and Field crew billing rates include standard field survey equipment and truck up to 30 mile radius, after which mileage rates apply
- Fees for depositions and testimony will be billed at two (2) times the standard billing rates

***2025 rates shown above - 2026 rates will be locked at 3-5% increase from 2025 rates.**

8. Contract Comments

Lumos & Associates does not have any objections or concerns relative to the Terms and Conditions of the City’s sample contract attached to the RFQ.



Carson City • El Dorado Hills • Fallon • Lake Tahoe • Reno • Boise

El Dorado Hills
3840 El Dorado Hills Boulevard, Suite 301
El Dorado Hills, CA 95762
916.980.8228

www.LumosInc.com

RFQ #25-001

STATEMENT OF QUALIFICATIONS FOR
ON-CALL ENGINEERING SERVICES

for the City of Angels

APRIL 25, 2025



ORIGINAL

SUBMITTED BY
Dewberry Engineers Inc.
11060 White Rock Road
Suite 200
Rancho Cordova, CA 95670-6061
916.363.4210

SUBMITTED TO
City of Angels
200 Monte Verda, Suite B / PO Box 667
Angels Camp, CA 95222
ATTN: Pam Caronongan, City Administrator

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APPENDIX A: RESUMES

DEWBERRY ENGINEERS INC.
11060 WHITE ROCK ROAD
SUITE 200
RANCHO CORDOVA, CA 95670-6061

916.363.4210
www.dewberry.com

April 25, 2025

City of Angels
200 Monte Verda, Suite B / PO Box 667
Angels Camp, CA 95222
ATTN: Pam Caronongan, City Administrator

RE: Statement of Qualifications for On-Call Water and Wastewater Engineering Services

Dear Ms. Caronongan,

We are excited to continue our long-standing relationship with the City of Angels (City). Dewberry Engineers Inc. (Dewberry) has served as the On-Call City Engineer for the last six years. We look forward to extending our partnership as your on-call water/wastewater engineer delivering critical infrastructure projects for the City.

In addition to providing assistance under our existing on-call contract, your project manager, Dave Richard, has personally assisted the City for fourteen years. This experience means no learning curve in developing cost-effective solutions in delivering projects for the City. We also know the City processes and standards and have long-term relationships with multiple key City staff including Amy Augustine in Planning, Aaron Brusatori in Engineering, Chris O'Flinn and David Porovich in Public Works, Michelle Gonzales in Finance, and Rose Beristianos in Administration. Our understanding of each department's requirements will help expedite project delivery.

During the last six years, your Dewberry team has delivered or is in the process of delivering numerous projects, including water pipelines, sanitary sewer pipelines, pump stations, and wastewater treatment plant improvements; provided assistance with funding applications; prepared technical reports and documentation in support of applications for obtaining or renewing regulatory permits; and assisted the City in maintaining regulatory compliance. We also assisted in developing the five-year Capital Improvement Plan (CIP) for water and wastewater projects and provided projected timelines for design and construction periods. We know the importance of improving the existing City water and wastewater systems and preparing expansions/extensions to serve new development in a timely manner and on a cost-efficient basis.

The Dewberry team is available and ready to continue our engineering services for the City and we look forward to the opportunity to serve the City in the future. The Dewberry water/wastewater team is located in Rancho Cordova and Manteca, and can be onsite at the City within approximately an hour to rapidly serve the City's needs.

As an Associate Vice President for Dewberry, I have the authority to enter into a contract with the City of Angels. Dewberry's proposal is valid for 90 days from the date of this submittal. As you evaluate our statement of qualifications, please let us know if you have any questions or require additional information. We look forward to hearing from you.

Very truly yours,
Dewberry Engineers Inc.



Dave Richard, PE
Associate Vice President/Contract Manager

Point of Contact: Dave Richard, PE
11060 White Rock Road, Suite 200
Rancho Cordova, CA 95670-6061
Email: drichard@dewberry.com
Phone: 209.769.5060

FIRM QUALIFICATIONS

About Dewberry

Dewberry Engineers Inc. (Dewberry) has a proven history of providing professional services to a wide variety of public- and private-sector clients in Northern California, including the City of Angels (City) for the last six years. Recognized for combining unsurpassed commitment to client service with deep subject matter expertise, Dewberry is dedicated to solving our clients' most complex challenges. Established in 1956, Dewberry has more than 60 locations and over 2,500 professionals nationwide. On-call engineering services to the City will be provided by staff in our Rancho Cordova and Manteca offices.

Firm Capabilities

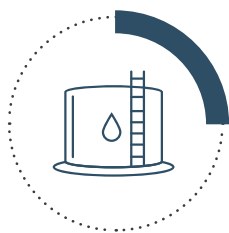
Dewberry is unique in that we offer all of our primary services from a regional office location. This includes project management, water and wastewater engineering, structural engineering, environmental services, and grant writing/funding assistance. Having all disciplines under one roof allows us to directly coordinate staffing needs and address the highest priority issues. It also facilitates our ability to provide immediate response from a single point of contact when issues arise.

Our project teams are adept at coordinating with one another to discuss project issues from multiple technical viewpoints. Frequent coordination between our various disciplines allows each group to identify project constraints early and to determine the most effective project solution. This collaborative approach results in projects that are well designed, constructible, and in compliance with environmental clearance and permit regulations.

Fully Committed to the City of Angels

For the last six years, Dewberry has been dedicated to solving the City's most complex water/wastewater challenges and supporting staff on an as-needed basis. We are fully committed to continuing to deliver high-quality services to the City, and we have assembled a dedicated team combining in-house and subconsultant professionals with a proven track record of successful collaboration with the City, allowing for seamless project execution. Additionally, Dewberry is committing dedicated resources to be available throughout the duration of this contract. Our Rancho Cordova and Manteca offices, with over 75 local engineering and environmental staff, will prioritize the City's project needs, and our close proximity allows for immediate mobilization.

DESIGN AREAS OF EXPERTISE



WATER ENGINEERING

- Groundwater Wells
- Pump Stations
- Distribution Pipelines
- Water Treatment Plants
- Transmission Pipelines
- Storage Tanks
- DDW Permitting
- Hydraulic Modeling
- Utility Locating
- Master Planning



WASTEWATER ENGINEERING

- Sewer Assessments
- Sewer Rehabilitations
- Infiltration/Inflow Studies
- Collection Pipelines
- Master Plans
- Pumping Stations
- Wastewater Treatment Plants
- Permitting
- Effluent Disposal/Reuse
- Optimization Studies

Long-Standing Community Experience through Execution of Local Projects

Dewberry staff has proudly served the City since 2011, and our team has a strong familiarity with the City's staff, processes, needs, and expectations. We have successfully completed multiple task orders under the City's On-Call City Engineer Services contract in the areas of Water/Wastewater, Grant Assistance, Construction Management/Inspection, and Survey disciplines, including:

- Dam Break Inundation Mapping/Emergency Action Plan
- Booster Way Sewer Replacement
- Emergency Operations Plan and Floodwater Plan
- Engineering Report for Production, Distribution, and Use of Recycled Water (Title 22 Recycled Water Report)
- Grant Documents Applications and Assistance for Critical Water and Wastewater Protection Project
- Main Street Sewer Replacement - Phase 1
- Multiple Private Development Projects Infrastructure Capacity/Connection Reviews
- NPDES Permit Renewal Application Package
- Responses to Regulatory Inspections/Correspondence
- Update of City Water and Wastewater System Maps
- Wastewater Treatment Plant Salinity Evaluation and Minimization Plan Update
- Wastewater Treatment Plant Biosolids Handling Improvements Project
- Water Treatment Plan Improvements and Backwash Recycling Project Management and Oversight
- Critical Water and Wastewater Infrastructure Protection Project
- SR 49 Water System Improvements
- Mark Twain Water Distribution System Improvements
- Vallecito Road Sewer Replacement Project
- Purdy Road Water and Sewer Improvements
- Five-Year Water and Wastewater Capital Improvement Project
- Sanitary Sewer Management Plan



Booster Way Sewer Replacement



East Trunk Sewer Rehabilitation



Wastewater Treatment Plant Drying Bed Area Expansion

REFERENCE:

City of Angels

Chris O'Flinn
chrisoflinn@angelscamp.gov
 209.736.2412

Similar Experience in On-Call Water and Wastewater Engineering Services

On-Call Water and Wastewater System Engineering, Oakwood Lake Water District

SAN JOAQUIN COUNTY, CA

Oakwood Lake Water District (OLWD) supplies drinking water and wastewater conveyance for the Oakwood Shores subdivision and the adjacent Oakwood Lake Mobile Home Park in an unincorporated area of San Joaquin County southwest of the City of Manteca. Since 2017, OLWD has retained Dewberry to provide as-needed special studies, preliminary and final design, and construction management of multiple projects including:

WATER SUPPLY MASTER PLAN Identified facility improvements to alleviate reliability and vulnerability deficiencies and facilities for future expansion. An assessment of OLWD facilities was prepared and the distribution system modeled using WaterCAD for existing conditions, buildout, and an expanded community. Design criteria were developed to correct deficiencies and identify improvements for future growth. A CIP list was developed for the proposed improvements including cost, triggers, and timelines. The master plan included construction of an additional clearwell at the OLWD WTP.

COLLECTION SYSTEM MASTER PLAN (CSMP) Defined capital improvement projects triggered by development within Oakwood Shores along with other improvements to sustain OLWD long-term operations. The CSMP included determining unit wastewater flows, estimating infiltration/inflow and peak wet weather flow factors, assessing existing facilities condition, determining reliability of pumping systems, calibrating the hydraulic model, evaluating available capacity of the collection system, determining cost-effective system improvements to correct deficiencies, improving system reliability and operational flexibility, and aligning facility improvements with building construction phasing schedule. CSMP financial data and nexus information was used by OLWD to prepare an equitable rate and impact fee structure for existing and future customers.

WASTEWATER SYSTEM IMPROVEMENTS PROJECT Designed a 1.0 mgd submersible wastewater pump station (WWPS) to convey wastewater through a 10,000-foot-long, 8-inch diameter force main to the City of Manteca trunk sewer network. The WWPS included electrical service, emergency generator with automatic transfer switch, odor control unit, pig launching system for force main maintenance, provisions for wet well overflow to emergency storage basin, and re-routing of force mains from existing pump stations. Prepared alternatives analysis and basis of design report, developed system/pump curves for multiple operational scenarios, developed detailed construction documents, and provided construction oversight/inspection.

CASTELLINA WAY WATER MAIN REPLACEMENT PROJECT Designed a replacement 12-inch distribution main including reconnection of residential service laterals. The Oakwood Shores network has experienced a number of catastrophic pipeline failures due to poor installation or defective materials. The project required development of a construction sequencing plan, utility potholing strategy, methodology for reconnection of residential services, criteria for the horizontal/vertical location of the new 12-inch distribution main, coordination with utility service providers, preparation of contract requirements, development of opinions of probable construction cost, bid period assistance, engineering services during construction, and construction oversight.



REFERENCE:

Oakwood Lake Water District
Bert Michalczyk, District Engineer
bert.michalczyk@gmail.com
925.570.8830

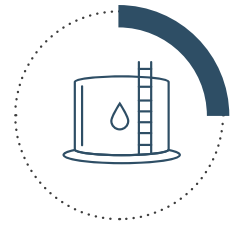
SIMILARITIES TO CITY OF ANGELS ON-CALL:

- ✓ Task orders for specific assignments
- ✓ Water/Wastewater Master Plans drive CIP
- ✓ Typical Project Construction Value \$0.5 - \$3 million
- ✓ Permitting assistance for water/wastewater plants
- ✓ Construction oversight provided on projects

Water Engineering Projects with Similar Features

LEGEND

- | | | | |
|----------------------|-------------------|---------------------------|--------------------------|
| 1. Groundwater Wells | 2. Pump Stations | 3. Distribution Pipelines | 4. Water Treatment Plant |
| 5. Storage Tanks | 6. DDW Permitting | 7. Hydraulic Modeling | 8. Utility Locating |



PROJECT NAME	1	2	3	4	5	6	7	8
■ Tier 1 Infrastructure Improvements at Placer County Government Center in North Auburn, CA The \$11 million Tier 1 project replaces World War II era infrastructure and creates a backbone for future development. The project is also intended as the first step in creation of a water system to be operated/supplied by the Placer County Water Agency (PCWA) and the Nevada Irrigation District (NID). Client: Placer County Reference: Dan Richards | drichards@placer.ca.gov | 530.886.4946			●			●	●	●
■ Downtown Utility Improvements Project in Vacaville, CA Design and construction oversight services to support the City in upgrading water and sewer systems downtown. Project objectives included but were not limited to the upsize and installation of approximately 9,700 LF of water pipelines to meet 4,500 gpm planning-level fire flow requirements, upsizing approximately 5,500 LF of sewer pipelines to meet the 8-inch minimum diameter standard and replacement of deteriorated sewer pipelines, replacing laterals and water meters along upsized water pipelines, and relocation of pipelines for ease of maintenance access, including removal of backyard pipelines. Client: City of Vacaville Reference: Armando Lee | interwest.armando.lee@cityofvacaville.com | 209.429.0772			●			●	●	●
■ Water Transmission Pipeline at Crows Landing Industrial Business Park (CLBP) in Stanislaus County, CA Offsite water improvements to support the initial development phase consists of approximately 8,000 ft of dual 12-inch waterlines. One waterline will connect to a proposed water supply well within the community of Crows Landing east of the project and to a 1.5 MG water storage tank and booster pump station facility at CLBP. The second waterline will convey treated water from a water treatment system back to Crows Landing. The transmission lines will follow Fink Road and Bell Road to the CLBP. Turnouts will be provided for extension of the waterlines as well as connections for storage tanks to be constructed in future phases of the business park. The project also includes a crossing of the Delta-Mendota Canal. Client: Stanislaus County Reference: Dave Leamon | leamond@stancounty.com | 209.525.4130	●	●	●	●	●		●	●
■ Don Pedro Recreation Agency (DPRA) Swimming Lagoon Filter Replacement Project in Tuolumne County, CA Replacement of 2.0 mgd pressure filter system at recreational swimming lagoon. DPRA, in collaboration with Turlock Irrigation District, purchased a new filtration system to be installed within an existing facility footprint. Design responsibilities included preparation of installation drawings for \$350,000 pre-purchased filtration equipment including piping and structural support systems, review of shop drawings from equipment suppliers to identify scope of work for installation contractor, preparation of construction drawings for new motor control center and SCADA interface, confirmation of existing conditions through detailed field measurements, and development of extensive construction sequencing documents. Construction period was coordinated with seasonal use of swimming lagoon from April – October. Client: Turlock Irrigation District Reference: Bill Penney | bfpennet@tid.org | 209.883.8222		●		●				●
■ Five-Year Water System Capital Improvement Program in Angels, CA A 5-year, \$4.5 million Capital Improvement Program (CIP) for wastewater conveyance, treatment, and disposal was prepared to confirm the City has adequate facilities to support future growth as defined in the City of Angels 2020 General Plan. A distribution of costs between existing ratepayers and future customers was developed for each CIP project to facilitate a subsequent analysis of rates and impact fees. In developing the CIP, alternative analyses were conducted for upgrading the City trunk sewer network. Factors incorporated into the evaluation of alternatives included hydraulic performance, reliability, resilience, life cycle costs, compatibility with future development, and constructability. Client: City of Angels Reference: Chris O'Flinn | chrisoflinn@angelscamp.gov | 209.736.2412		●	●	●	●	●	●	

Wastewater Engineering Projects with Similar Features

LEGEND

- | | | | |
|---------------------|-------------------------|------------------------------|----------------------------|
| 1. Sewer Assessment | 2. Sewer Rehabilitation | 3. Infiltration/Inflow Study | 4. Collection Pipelines |
| 5. Pumping Stations | 6. Wastewater Treatment | 7. Permitting | 8. Effluent Disposal/Reuse |



PROJECT NAME	1	2	3	4	5	6	7	8
■ Booster Way Sewer Replacement Project in Angels, CA Improvements at the Booster Way/Angels Creek crossing included, but were not limited to, removing an 8-inch sewer from beneath the bridge and replacing with a 10-inch sewer, and replacing an existing 10-inch trunk sewer with a 16-inch stainless steel carrier pipe. Vertical alignment of the carrier pipe was raised to reduce the frequency of impacts from floodwaters along Angels Creek from approximately 1 in 10 years to 1 in 50 years. Replacement of 10-inch sewer with 16-inch pipeline eliminated a hydraulic bottleneck and allowed for lifting of a sewer moratorium. Client: City of Angels Reference: Chris O'Flinn | chrisoflinn@angelscamp.gov | 209.736.2412	●	●		●				
■ Wastewater Treatment Plant Biosolids Handling Area Improvements in Angels, CA Dewberry designed an expansion to the solids handling facility. Additional drying beds were designed to receive biosolids from the treatment plant. Additional storage areas were designed to allow movement of the materials from the drying beds to storage beds until a convenient (and less-costly) time can be arranged for offsite disposal. It was critical that construction activities did not interfere with operation of the plant or existing biosolids area beds, thus access to the construction area was designed with an alternate route. The project components consisted of grading, paving, and designing underground drainage systems adjacent to the existing biosolids handling area. Services provided by Dewberry included preliminary and final design, assistance during the bidding period, assistance/oversight during the construction period, and preparation of record drawings for the City. Client: City of Angels Reference: Chris O'Flinn | chrisoflinn@angelscamp.gov | 209.736.2412		●				●		
■ Wastewater Treatment Plant (WWTP) NPDES Permit Renewal in Angels, CA The City's WWTP operates under a NPDES permit allowing discharge to surface waters during the winter. Dewberry assisted the City to extend the NPDES permit with the Regional Board for another five years. Dewberry prepared the application package, evaluated historical water quality data, completed an anti-degradation analysis, and developed final effluent quality limitations for Regional Board approval. Client: City of Angels Reference: Chris O'Flinn | chrisoflinn@angelscamp.gov | 209.736.2412			●			●	●	●
■ Don Pedro Recreation Agency (DPRA) Sanitary Sewer System Alternatives Analysis in Tuolumne County, CA Dewberry provided an alternatives analysis for sewer systems at three campgrounds at Don Pedro Reservoir. Facilities have exceeded their service life, and DPRA needed to provide for future expansion. Multiple alternatives were evaluated and recommendations were provided for facilities at each site. Upgrades/replacements were prioritized based on criticality and cost. Alternatives at each location were identified for: pump station improvements including pump replacement, force main upgrades, emergency power backup, and aeration cell enhancements. Client: Turlock Irrigation District Reference: Bill Penney | bfpenney@tid.org | 209.883.8222	●	●	●	●	●	●		●
■ Tier 1 Sewer Rehabilitation Projects at Placer County Government Center in Auburn, CA As the first major construction project following approval of a 200 year master plan for the PCGC, a new \$80 million HHSC building was completed. In support of the new building, a major infrastructure upgrade was required including water, sewer, and storm drain improvements. The \$11 million Tier 1 project replaces World War II era infrastructure and creates a backbone for future development. Client: Placer County Reference: Dan Richards | drichards@placer.ca.gov | 530.886.4946	●	●		●	●		●	

Utilization of DBE Firms

While there is no DBE requirement currently in place with the City, the Dewberry team includes DBE firms UNICO Engineering and ATEEM Electrical Engineering, as well as SBE firm Crawford & Associates. Dewberry is committed to meeting DBE goals set forth by the City.

Conflicts of Interest

Dewberry has no personal or financial interests, either direct or indirect, that could potentially conflict with the services requested by the City.

Financial Management & Accounting Systems

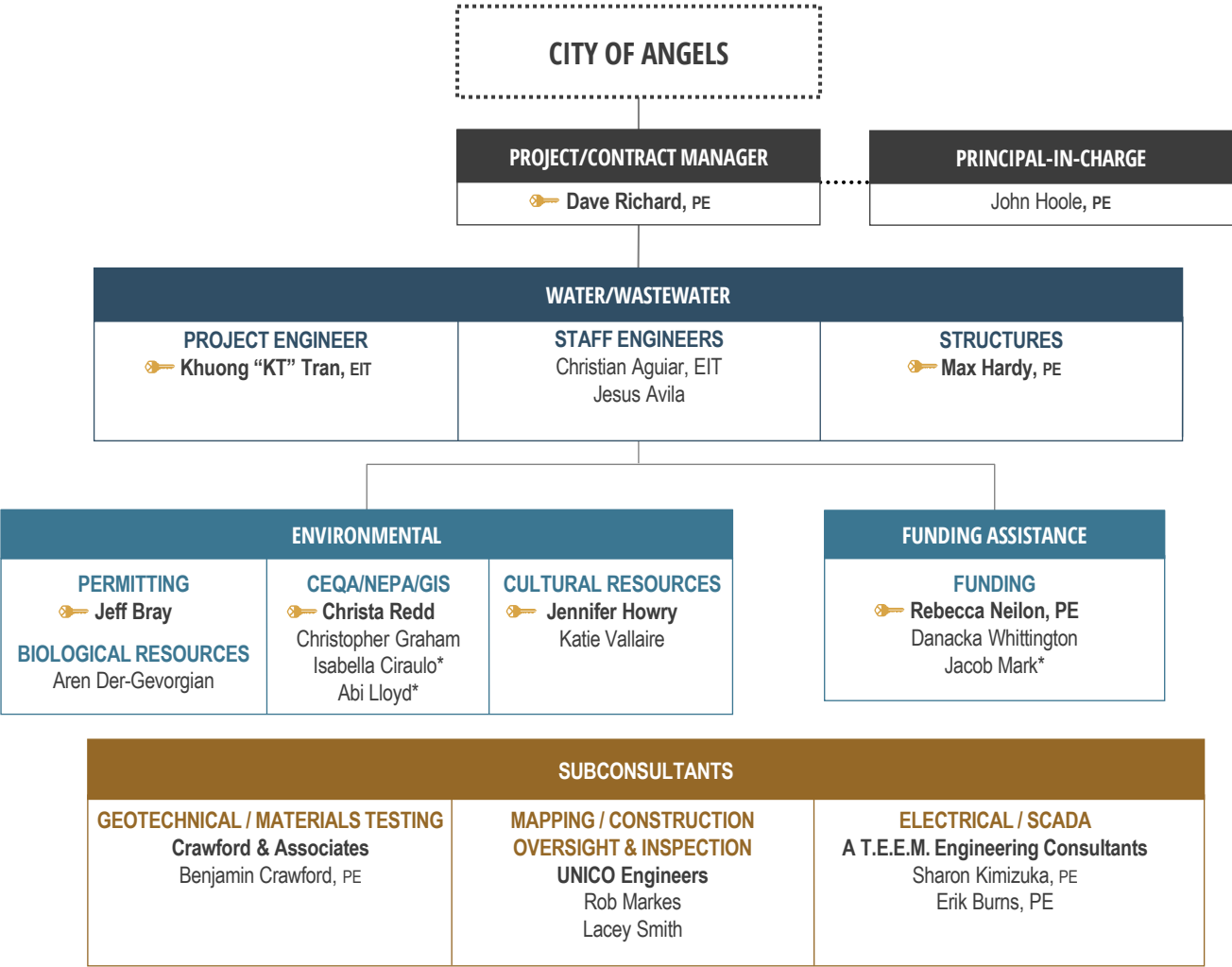
Dewberry prepares its financial statements in accordance with U.S. generally accepted accounting principles (GAAP). Dewberry's Statement of Direct Labor, Fringe Benefits, and General Overhead was prepared on the basis of accounting practices prescribed in Part 31 of the Federal Acquisition Regulation (FAR) and prepared on the accrual basis of accounting. Dewberry maintains a job order cost accounting system for recording and accumulating costs incurred under its contracts. Each project is assigned a job number so that costs may be segregated and accumulated in the job cost accounting system. The Company's method of estimating costs for pricing purposes during the proposal process is consistent with accumulation and reporting of costs under its job cost accounting system. The accounting department has a well-established monthly close and financial reporting process. Information processing is assigned under the established accounting department organizational structure allowing all participants to clearly know who is responsible for what information. All general ledger accounts are reconciled on a monthly basis by the general ledger staff and reviewed by Financial Services Group Manager or Controller.

Dewberry also receives annual financial audit and overhead audit by independent reputable CPA firms.

PROJECT TEAM

Team Organization

The organization of our proposed team, including Dewberry and subconsultant staff, is illustrated in the chart below. Our key personnel identified for on-call water/wastewater engineering services will be available for the duration of the contract. No person designated as key will be removed or replaced without the prior written concurrence of the City. If a change is needed due to unforeseen circumstances, Dave will notify the City immediately and begin transition plan measures. He will select and propose a substitute for the City’s approval who brings equal or greater qualifications to the project.



🔑 denotes key team member

* GIS services





Skilled Team of Subconsultants

Dewberry has supplemented our in-house skill set with exceptionally well-qualified firms in the areas of geotechnical/materials testing, mapping, construction inspection, and electrical/SCADA design to meet the City's requirements. Our team combines top professionals from various applicable disciplines with long-standing working relationships and the institutional knowledge to successfully deliver projects to the City.

Crawford & Associates ^{SBE}	UNICO Engineering ^{DBE, SBE, MBE}	A T.E.E.M. Electrical Engineering
Crawford & Associates (Crawford) is a registered Small Business geotechnical engineering firm specializing in large-scale public works projects. Their experienced team of engineers, geologists, and technicians tackles a wide range of challenges for clients across the public sector. Crawford offers comprehensive geotechnical services, encompassing geology, construction inspection, materials testing, environmental assessments, permitting, and plan preparation. Crawford will provide geotechnical and materials testing services on this contract.	UNICO Engineering (UNICO) provides high-quality land surveying and construction management and oversight services to public and private clients. Their team has the technology and experience to address any surveying needs, construction management and oversight, construction staking, easements, aerial surveys, rights-of-way, and terrestrial LiDAR scanning. Their team is experienced in delivering projects that meet local, state, and federal requirements. UNICO will provide mapping and construction inspection and oversight services on this contract.	A T.E.E.M. Electrical Engineering (ATEEM) specializes in planning, design, and implementation of water and wastewater electrical power distribution, instrumentation, and SCADA control system projects. With trained professional engineers, ATEEM also provides electrical system evaluations, radio path survey verification, and SCADA/PLC programming and training. ATEEM will provide electrical and SCADA services on this contract.

Proposed Key Team Personnel

This section includes overviews of our proposed key team members. Please reference **Appendix A** for detailed resumes of the proposed team. Projects listed under qualifications can be found in each individual's resume.

NAME	QUALIFICATIONS	LOCATION
Dave Richard, PE, PROJECT/CONTRACT MANAGER		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 47 YEARS W/ DEWBERRY: 7 REGISTRATION: PE • CA • 33479 EDUCATION: MS • Environmental Engineering • University of California, Davis BS • Civil Engineering (Sanitary) • Michigan Technological University</p> 	<ul style="list-style-type: none"> • City of Angels, Critical Water and Wastewater Infrastructure Protection Project • Placer County, Placer County Government Center Tier 1 Infrastructure Improvements • City of Vacaville, Downtown Utility Improvements Project • City of Angels, Booster Way Sewer Replacement Project 	
Max Hardy, PE, STRUCTURES ENGINEER		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 10 YEARS W/ DEWBERRY: 2 REGISTRATION: PE • CA • 93472 EDUCATION: BS • Civil Engineering • California State University, Sacramento</p> 	<ul style="list-style-type: none"> • City of Manteca, Storm Drain Zone 36/Zone 39 Improvements Project • Placer County, Atwood 3 Pump Station Improvements • Naval Facilities Engineering Systems Command Southwest, Marine Corps Air Ground Combat Center, Wastewater Treatment Plant, Twentynine Palms 	

NAME	QUALIFICATIONS	LOCATION
Khuong “KT” Tran , EIT, PROJECT ENGINEER		MANTECA, CA
 <p>YEARS OF EXPERIENCE: 6 YEARS W/ DEWBERRY: 6 REGISTRATION: EIT • CA • 168767 EDUCATION: MS • Engineering Science • University of the Pacific BS • Civil Engineering • University of the Pacific</p> 	<ul style="list-style-type: none"> • City of Angels, Critical Water and Wastewater Infrastructure Protection Project • Placer County, Placer County Government Center Tier 1 Infrastructure Improvements • City of Vacaville, Downtown Utility Improvements Project • City of Placerville, Hangtown Creek Trunk Sewer Main Relocation Project 	
Jeff Bray , PERMITTING LEAD		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 31 YEARS W/ DEWBERRY: 3 EDUCATION: BS • Wildlife Biology • Humboldt State University</p> 	<ul style="list-style-type: none"> • Calaveras County Water District, Copper Cove Wastewater Treatment Plant Tertiary Improvement Project • City of Placerville, Hangtown Creek Trunk Sewer Main Relocation Project • City of Manteca, Storm Drain Zone 36/Zone 39 Improvements Project 	
Christa Redd , CEQA LEAD		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 26 YEARS W/ DEWBERRY: 6 EDUCATION: MS • Natural Resources & Environmental Science • University of Nevada BS • Environmental Science • Oregon State University</p> 	<ul style="list-style-type: none"> • City of Manteca, Storm Drain Zone 36/Zone 39 Improvements Project • Calaveras County Water District, Copper Cove Wastewater Treatment Plant Tertiary Improvement Project • City of Placerville, Hangtown Creek Trunk Sewer Relocation Project 	
Jennifer Howry , CULTURAL LEAD		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 17 YEARS W/ DEWBERRY: 12 EDUCATION: MS • Environmental Management • University of San Francisco BS • Anthropology • University of San Francisco</p> 	<ul style="list-style-type: none"> • City of Angels, SR 49 Water Line Project • City of Placerville, Hangtown Creek Trunk Sewer Main Relocation Project • Calaveras County Water District, Arnold Wastewater Treatment Facility Improvement Project 	
Rebecca Neilon , FUNDING LEAD		RANCHO CORDOVA, CA
 <p>YEARS OF EXPERIENCE: 21 YEARS W/ DEWBERRY: 8 REGISTRATION: PE • CA • 73737 EDUCATION: BS • Civil Engineering • California Polytechnic State University</p> 	<ul style="list-style-type: none"> • City of Angels, On-Call City Engineering Services • Port of Long Beach, Pier B On-Dock Rail Expansion Project (\$228M awarded) • Port of Long Beach, Fourth Track at Ocean Boulevard Project (\$8M awarded) 	

Benjamin Crawford, PE, GE, GEOTECHNICAL & MATERIALS TESTING

SACRAMENTO, CA

**FIRM:** Crawford & Associates**YEARS OF EXPERIENCE:** 21**YEARS W/ CRAWFORD:** 11**REGISTRATION:** PE • CA • 68457

GE • CA • 2861

EDUCATION: BS • Civil

Engineering • California

Polytechnic State University

- San Andreas County, San Andreas Wastewater Treatment Plant Pond D Expansion
- Sacramento County, Grant Line Road Pavement Repairs
- City of Oakdale, Sewer Line Replacement Project

Rob Markes, MAPPING

FOLSOM, CA

**FIRM:** UNICO Engineering**YEARS OF EXPERIENCE:** 37**YEARS W/ UNICO:** 11

- City of Angels, Mark Twain Water Systems Improvements
- City of Angels, Booster Way Sewer Replacement
- City of Angels, East Angels Trunk Sewer/Vallecito Road Sewer Replacement

Lacey Smith, PE, QSD, CONSTRUCTION INSPECTION & OVERSIGHT

FOLSOM, CA

**FIRM:** UNICO Engineering**YEARS OF EXPERIENCE:** 17**YEARS W/ UNICO:** 5**REGISTRATION:** PE • CA • 78363**EDUCATION:** MS • Civil

Engineering • University of

California, Davis

BS • Structural Engineering •

University of California, San Diego

- Calaveras County, Canyon View Drive Slide Repair
- Calaveras County, Gwin Mine Road Slide Repair
- Calaveras County, Jesus Maria Road Reconstruction

Sharon Kimizuka, PE, ELECTRICAL / SCADA

SACRAMENTO, CA

**FIRM:** A T.E.E.M. Electrical
Engineering**YEARS OF EXPERIENCE:** 34**YEARS W/ ATEEM:** 31**REGISTRATION:** EE • CA • 15698**EDUCATION:** BS • Electrical

Engineering • University of

California, Irvine

- El Dorado Irrigation District, Emergency Backup Generator Upgrades
- Calaveras County Water District, West Point & Wilseyville WWTF
- Placer County Water Agency, French Meadows South Shore Water Supply Project

APPROACH & METHODOLOGY

Understanding of Project Scope and Duties

In Dewberry's role as the City On-Call Water and Wastewater Engineer for the last six years, we have served as an extension of City staff and provided technical support to the Public Works Department, Engineering Department, Planning Department, Fire Department, Finance Department, and Administrative Services Department. We have responded to specific requests and special assignments from the City Administrator and represented the City with the Regional Water Quality Control Board, State Water Resources Control Board - Division of Drinking Water, Department of Water Resources Division of Dam Safety, and the California Office of Emergency Services. We also served as the Legally Responsible Official for the City and reported any sanitary sewer overflows to the State Water Resources Control Board.

We have undertaken multiple assignments through specific project-related task orders or as-needed services under general task orders. We understand the scope of the on-call water/wastewater engineer as demonstrated by the prior execution of the following services:

- Project management including evaluation, programming, design, and construction of the new five-year Water and Wastewater Capital Improvement Program
- Oversight of the solicitation of proposals for design and construction including the bid and advertisement process for projects, evaluation of proposals, recommendation for project award, negotiation and administration of contracts for construction projects for the City Wastewater Treatment Plant Biosolids Handling Area Improvements Project, Booster Way Sewer Replacement Project, and Mark Twain Water Distribution System Improvements Project
- Defining project scope, determining project budgets, and identifying funding for 16 water/wastewater capital improvement projects
- Identifying the grant opportunity, developing and preparing the grant application, and providing requested documentation for the CalOES grant for the Critical Water and Wastewater Infrastructure Protection Project
- Preparing plans and specifications for the City Wastewater Treatment Plant Biosolids Handling Area Improvements Project, Booster Way Sewer Replacement Project, Mark Twain Water Distribution System Improvements Project, SR 49 Water System Improvement Project, and Vallecito Road Sewer Replacement Project
- Providing permit assistance for operation of the water and wastewater treatment plants
- Providing emergency response assistance to Chris O'Flinn during the 2023 flood event in the City
- Managing the Critical Water and Wastewater Infrastructure Project and the Emergency Operations Plan and Floodwater Plan which is federally funded through FEMA
- Serving as an interface with Caltrans, PG&E, and other service providers planning improvements within the City right-of-way
- Performing right-of-way engineering, mapping and surveying for the City Wastewater Treatment Plant Biosolids Handling Area Improvements Project, Downtown Sewer Replacement Project, Booster Way Sewer Replacement Project, Mark Twain Water Distribution System Improvements Project, Vallecitos Road Sewer Replacement Project, SR 49 Water System Improvement Project (Eureka Oaks), and Purdy Road Water and Sewer Improvements Project
- Providing engineering support to the Planning Department in the review of development proposals
- Attending City Council meetings to present staff reports and respond to questions
- Providing construction oversight and inspection services for the City Wastewater Treatment Plant Biosolids Handling Area Improvements Project and Booster Way Sewer Replacement Project
- Assisting the City Administrator in implementation of the Capital Improvements Program

We anticipate similar responsibilities and duties going forward and can commit the resources required to execute these tasks effectively. In providing on-call water and wastewater engineering services, we will focus on the **six objectives** described on the following pages.

OUR SUCCESSFUL CONTRACT MANAGEMENT APPROACH IS BUILT ON SIX KEY OBJECTIVES:



Deliver Five-Year Water and Wastewater Capital Improvement Program



Maintain Regulatory Compliance



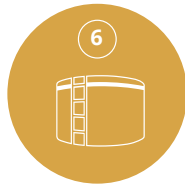
Support Public Works Department



Collaborate with Community Planning



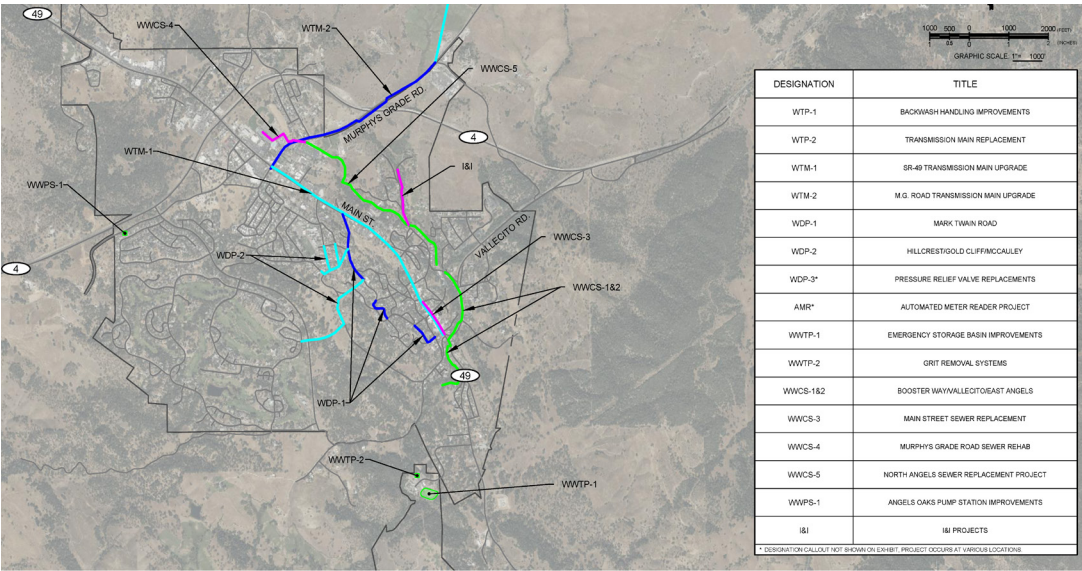
Keep City Administrator and City Council Informed and Engaged



Improve Water/Wastewater Services

1. Deliver Five-Year Water and Wastewater Capital Improvement Program

The City adopted a five-year Water and Wastewater Capital Improvement Program (CIP) in September 2024 based on recommendations presented by Dewberry in collaboration with City staff. A total of 16 projects were identified including water transmission, distribution, and treatment system improvements; and wastewater rehabilitation, repair, and replacement work. The locations of these projects are illustrated in the accompanying graphic.



Five-Year Water and Wastewater CIP Locations

Since adoption of the CIP, the most critical wastewater project, Booster Way Sewer Replacement Project, has been completed under budget, and construction is underway on water system improvements along SR 49 in support of the Habitat for Humanity's Eureka Oaks workforce housing project. An upgrade of the water distribution system near Mark Twain Elementary School has been bid with construction to begin in May. The Vallecito Road Sewer Replacement Project has been submitted to the City Engineer for review, and design of the Purdy Road Water and Sewer Improvements and Water Meter Replacement Projects are near completion. Continued implementation of the City CIP by the City Water/Wastewater Engineer is envisioned as outlined in the overall project delivery schedule shown on the following page. Driving these projects forward will serve as our primary responsibility in helping the City to build a more sustainable infrastructure system.



CITY OF ANGELS		2025				2026				2027				2028				2029			
FIVE-YEAR CAPITAL IMPROVEMENT PLAN SCHEDULE		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
WATER PROJECTS																					
PROJECT NUMBER	PROJECT NAME																				
WTP-1	Backwash Handling Improvements																				
WTP-2	Transmission Main Replacement																				
WTM-1	Murphys Grade Road Transmission Main Upgrade																				
WTM-2	SR 49 Transmission Main Upgrade																				
WDP-1	Mark Twain Water Distribution System Improvements																				
WDP-2	Hillcrest/Gold Cliff/McCauley Ranch Road Water System Improvements																				
WDP-3	Automated Meter Reader Project - Phase 1																				
WDP-4	Pressure Relief Valve Replacements																				
WASTEWATER PROJECTS																					
PROJECT NUMBER	PROJECT NAME																				
WWTP-1	Emergency Storage Basin Improvements																				
WWTP-2	Grit Removal Systems																				
WWCS-1	Vallecito Road Sewer Replacement																				
WWCS-2	East Angels Trunk Sewer Rehabilitation																				
WWCS-3	Main Street Sewer Replacement																				
WWCS-4	Murphys Grade Road Sewer Rehabilitation																				
WWCS-5	North Angels Sewer Replacement																				
WWCS-6	Purdy Road Sewer Improvements (I/I Project)																				
WWPS-1	Angels Oaks Pump Station Improvements																				

LEGEND:

DESIGN

BID PERIOD

CONSTRUCTION

2. Maintain Regulatory Compliance

The City water and wastewater systems are regulated by federal, state, and local agencies. Permits include NPDES, wastewater discharge requirements, and water reclamation requirements for the wastewater treatment plant and water supply requirements for the water treatment plant. Reporting of sanitary sewer overflows to the State Water Resources Control Board is also a requirement for the Legally Responsible Official (LRO) as part of the approved Sanitary Sewer Management Plan. Recognizing that regulatory compliance is essential for system performance and a pre-requisite for possible funding opportunities, Dewberry has supported and will continue to support Chris O'Flinn in all regulatory/reporting functions, including:

- Preparation of technical reports
- Meetings with regulators as part of annual inspections
- Assistance in responding to regulatory requests for information or special reports
- Development of documentation associated with permit renewals and revisions
- Providing advice and troubleshooting operational issues related to permit compliance
- Obtaining waivers from DDW for water and sewer line construction

3. Support Public Works Department

The on-call water/wastewater engineer represents an extension of staff for the Public Works Department and provides technical support for various operations and activities. Responsibilities will typically include:

- Serving as a liaison to Caltrans and coordinating requested City feedback and information exchanges
- Assisting with response to specific homeowner questions and concerns
- Coordinating Public Works Department technical information transfers to other City departments
- Investigating regulatory issues that may impact Public Works actions and responsibilities
- Assisting Chris O'Flinn in the development of requests for proposal/plans for CIP projects

4. Collaborate with Community Planning

Amy Augustine, City Planner, serves a critical role in project development and implementation in the areas of CEQA compliance, public outreach, stakeholder notification, and funding acquisition. Our collaborative efforts with Amy going forward with our on-call engineering team will include the following:

ENVIRONMENTAL STAFF

- Preparation of special technical studies to support CEQA documentation. Special studies may include Foothill Yellow-Legged Frog and California Red-Legged Frog (near aquatic sources), Nesting Birds, Special Status Plant Species, Historic Era Resources, and Pre-Contact Resources
- Assistance with CEQA compliance (IS/MND, CE)
- Liaison/assistance for permitting with resource agencies
- Pre-construction surveys
- Training of construction personnel in environmental awareness

FUNDING ACQUISITION STAFF

- Work with City staff to understand City priorities and which of the priority projects would be most competitive for grant funding
- Complete all aspects of grant funding applications, including clearly written project scope, cost estimates, schedule, cost-benefit analysis, community outreach, stakeholder support, and submittal to granting agency
- Assist with administering grant-funded projects to confirm compliance with funding agency requirements

ENGINEERING STAFF

- Development of strategies for right-of-way acquisition/right-of-entry procurement for Public Works projects
- Preparation of plats and legals to facilitate approvals of right-of-entry
- Preparation of newsletters and other project information as part of public outreach efforts
- Assistance with responding to property owner questions regarding water/wastewater service

5. Keep City Administrator and City Council Informed and Engaged

Pam Caronongan and the City Council take a very hands-on approach relating to capital improvement projects, schedules, and potential public impacts. Recognizing the priority the City Council has placed on infrastructure improvements, we will focus on communication and transparency in our approach, including:

- Weekly conference calls with Pam and other key City staff to brief on current projects status
- Participation in bi-weekly staff meetings with other City departments to coordinate work efforts and priorities
- Preparation of staff reports three weeks in advance of City Council meetings to allow for vetting and review by Finance, Administration, and Legal departments
- Presentations to City Council and responding to questions from the public

6. Improve Water/Wastewater Services

There is an expectation by the public and City Council that planned physical improvements to the water and wastewater systems will result in better water and sewer service. In project development, we will look carefully at features that can be incorporated into proposed improvements that directly result in improved levels of service such as:

- Increased water delivery pressures during peak summer demand periods
- Increased water pressure for fire protection
- Elimination of dead-end pipelines to limit service interruptions in the event of a pipeline break
- Greater supply reliability during a catastrophic event
- Less frequent sewer blockages resulting in sewer overflows

In pushing approved projects forward as the on-call engineer, we will look to highlight resulting improved levels of service and the benefits to City customers.

Project Management Plan

Our project management plan emphasizes communication/engagement, consistency in project development, managing budgets and schedule, and incorporating process improvements. We will focus on responsiveness, accountability for project completeness, and supporting City staff in their roles. A more detailed discussion of our project management approach is presented below.

Communicate with Key Stakeholders

Our on-call team will proactively engage key stakeholders, including Caltrans, Utica Water and Power Authority (UWPA), Regional Water Quality Control Board, and State Division of Drinking Water during project development. Outreach includes:

- Discussions to determine key issues and concerns
- Periodic briefings to show progress and anticipated schedule
- Face-to-face meetings to review deliverables and to confirm resolution of concerns.

Clearly Define Project Goals and Scope of Services

The foundation for effective project management begins with a clear definition of the City's desired goals and associated scope of services. Although the approved water and wastewater capital improvement program provides an overall framework for each project, the extent of improvements will be confirmed with City staff at a project kick-off meeting. Specific project goals and objectives will be discussed and how the improvements will satisfy these goals will be documented. Required actions by the engineering and environmental teams will be identified and a project workplan will be produced, including a tentative schedule that will be referenced throughout project development and submittal/processing of design documents.

Apply Consistent Methodology in Project Development

One of the key objectives in project management is to avoid surprises during project development that will result in re-work or schedule delays. A consistent methodology focused on due diligence, engagement of key stakeholders, and multiple opportunities for staff input will be applied for each project. Specific steps are as follows:

- Project kick-off meeting to establish goals and objectives
- Outreach to key stakeholders to gather information and to solicit any concerns
- Initiation of A, B, and C utility letter process to develop baseline information
- Site walk with City staff to identify opportunities and constraints
- Preparation of basis of design memorandum including results of hydraulic modeling for review by Public Works Department
- Submittal of draft design documents to City Engineer and City Planner for review and comment
- Development of CEQA documents and permit applications
- Incorporation of review comments, mitigations, and permit requirements into final construction documents





Engage City Staff

Consistent project communication and coordination are essential for projects with multiple design elements. Engaging City staff will include the following:

- Weekly virtual meetings with City staff and the design team
- Monthly face-to-face meetings with City staff to assess progress, to vet concerns, and to adjust focus (if appropriate) for the upcoming month
- Preparation of monthly status reports including budget and schedule updates, list of accomplishments, projected activities for the next billing cycle, summary of information needs, and critical decisions needed and their impacts on schedule
- Attendance and participation in planning and design review meetings



Manage Budget and Schedule

Keeping projects on schedule will be accomplished by:

- Breaking down the overall schedule into more manageable increments or activities and monitoring progress on a weekly basis
- Creating action item lists with specific assignments that can be reviewed during weekly internal progress meetings
- Establishing interim milestones for deliverables that encourage staff to memorialize accomplishments and to create work products that mimic final deliverables
- Sharing updated schedules with staff and discussing how to accelerate the schedule to create “float” in the event that future activities extend beyond planned durations
- Adjusting resources or re-assigning staff if interim milestones are not being achieved and schedule slippage begins to occur
- Communicating to City schedule status and discussing possible future events that could impact the schedule adversely at monthly progress meetings
- Identifying methods to bring the project back on schedule including additional team resources and increased collaboration with the City

A positive side effect to keeping on schedule is that staying within budget is simplified. Both schedules and budgets are driven by available resources. If work is accomplished such that predicted milestones are reached on time, then the

project is likely within budget. The key is to know where the project stands financially on a real-time basis. For the projects, labor costs will be tracked on a weekly basis and compared to predicted expenditures and schedule status. Any disconnects between budget and schedule can then be identified quickly and recovery methods employed to bring the two parameters back into alignment.



Leverage Lessons Learned

As projects are completed and constructed, lessons will be learned regarding permitting, biddability, and constructability. To improve subsequent projects, these lessons will be documented with City staff and then incorporated into future project documents. Recent lessons learned from the Booster Way Sewer Replacement Project, SR 49 Water Systems Improvements Project, and Mark Twain Water Distribution Systems Improvement Project include the following:

- Importance of providing comprehensive definitions of each bid item to avoid misunderstandings in processing progress payments during construction
- Incorporating extended processing time for acquiring waivers from the Division of Drinking Water or encroachment permits from Caltrans in project schedules to avoid potential delays
- The need to address the removal of hard rock materials for pipeline projects

Quality Control

Quality control represents an essential element in our approach to project delivery. As an ISO 9000-certified engineering firm, Dewberry established a rigorous quality control program that begins at project conception and extends through final approval of documents by the City. Key attributes of the quality control program include:

- Assignment of staff whose skillset matches the project requirements
- Designation of a quality control/peer review individual for the project duration
- Confirmation that all design team members have access to required design criteria and standards
- Use of project-specific checklists by the design team to establish expectations for completeness and sufficient due diligence
- QC review of project deliverables prior to submission to City
- Certification by the project team that deliverables are complete and ready for submission
- Submission of documentation to the City demonstrating compliance with the quality control program

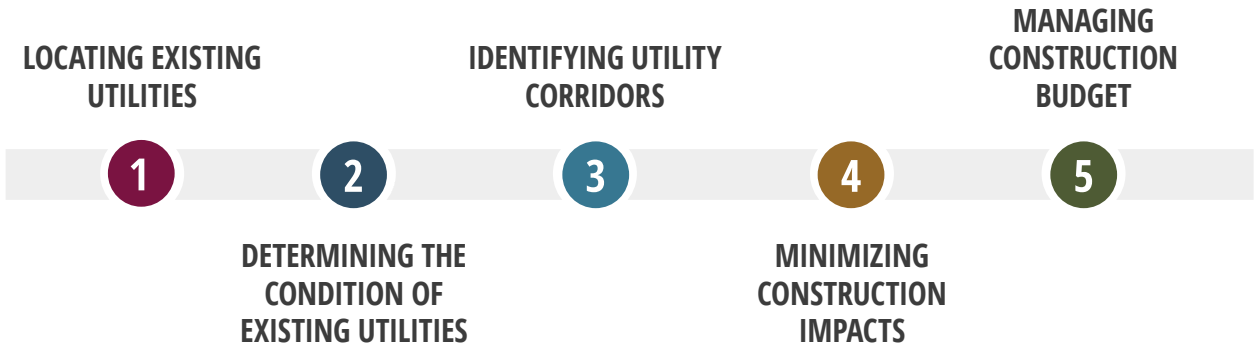


In executing the quality control program, the following actions will be undertaken:

- **Due diligence** will be confirmed including record research, field confirmations, outreach to key stakeholders, and collaboration with City staff
- **Compliance with City standards** will be verified including approved materials, procedures, testing, and acceptance
- **Consistency with relevant codes** will be validated, including state and federal requirements
- **Plans and specifications will be reviewed** to determine consistency and to identify any conflicts requiring resolution; the completeness of plans and specifications will also be assessed to minimize potential contractor questions during construction
- **Completeness and clarity** of bidding documents will be reviewed to avoid misunderstandings or misinterpretations during the bidding process
- **Constructability of the project will be evaluated** to identify potential impacts and issues that could trigger construction change orders and project delays

Methodologies for Addressing Typical Challenges Encountered in Water and Wastewater Projects

Your project manager, Dave Richard, has delivered water and wastewater projects to public agencies since 1978. Based on experience working for the City since 2011, typical challenges encountered during design include the following:



Methodologies to address these challenges are presented within this section, along with highlighted project examples where these methodologies were employed successfully.

1

CHALLENGE: LOCATING EXISTING UTILITIES

METHODOLOGY:

- Initiate A, B, C letter process to utility providers
- Research record drawings
- Site walk
- Use ground penetrating radar
- Pothole critical locations

1

SIMILAR CHALLENGE AND SOLUTION:

DOWNTOWN UTILITY IMPROVEMENTS PROJECT, CITY OF VACAVILLE

Extensive outreach to utility providers undertaken for an \$8 million water/wastewater system upgrade through downtown business district. Utility database created including annotated record drawings, results of field investigations, on-site meetings with dry utility providers, ground penetrating radar to locate proposed points of connection to existing systems, and potholing of critical utilities at proposed crossings.

2

CHALLENGE: DETERMINING CONDITION OF EXISTING INFRASTRUCTURE

METHODOLOGY:

- CCTV Inspections
- Review of operational history
- Outreach to City staff for anecdotal information
- Field testing
- Simulate performance with hydraulic models

2

SIMILAR CHALLENGE AND SOLUTION:

BOOSTER WAY SEWER REPLACEMENT PROJECT, CITY OF ANGELS

CCTV inspection was undertaken to determine condition of existing mainline and multiple laterals. City staff was queried regarding history of cleaning/call-outs to document operational issues requiring resolution. Laterals were exposed during construction to identify specific areas of blockage and to determine extent of replacement or rehabilitation.

3 CHALLENGE: IDENTIFYING UTILITY CORRIDORS

METHODOLOGY:

- Develop utility cross-sections
- Outreach to Public Works staff
- Discuss constraints with local contractors
- Consider utility relocations

3

SIMILAR CHALLENGE AND SOLUTION:

PLACER COUNTY GOVERNMENT CENTER TIER 1 WATER, SEWER, AND STORM DRAIN IMPROVEMENTS PROJECT, CITY OF AUBURN

Multiple utilities were proposed for the primary arterial roadway through the government campus including water, sewer, and storm drain backbone infrastructure. Existing utilities dated back to the mid-1940s when the site was used as an army hospital. Leveraging a utility database, cross-section models depicting existing utilities were created at 100-foot intervals to determine and confirm underground “corridors” that could be used to route new replacement utilities. The cross-sections were used to identify required utility relocations to facilitate proposed infrastructure improvements.

4 CHALLENGE: MINIMIZING CONSTRUCTION IMPACTS

METHODOLOGY:

- Maintain system operation throughout construction
- Limit impacts to public
- Consider staged construction
- Consider environmental constraints

4

SIMILAR CHALLENGE AND SOLUTION:

PLACER COUNTY GOVERNMENT CENTER ATWOOD 3 PUMP STATION REPLACEMENT, CITY OF AUBURN

Complete re-build of submersible wastewater pump station was undertaken with no interruption of service to extensive, residential neighborhood. Construction was staged and a temporary pumping system with emergency power was installed to allow for sequential work including start-up and testing of new wet well and pumps prior to cut-over and decommissioning of existing facilities.

5 CHALLENGE: MANAGING CONSTRUCTION BUDGET

METHODOLOGY:

- Value engineering
- Keep project within original scope of improvements
- Repurpose facilities
- Leverage other projects
- Develop phasing

5

SIMILAR CHALLENGE AND SOLUTION:

OAKWOOD LAKE WATER DISTRICT LIFT STATION 4, SAN JOAQUIN COUNTY

A new pump station was constructed within the wastewater treatment plant to divert wastewater to a connection within the City of Manteca trunk sewer. Site was chosen to minimize construction costs and to allow for re-purposing of existing facilities including piping, electrical equipment, and emergency storage ponds. Future construction of 48-inch pipeline/outfall structure through plant site was leveraged to minimize initial costs for the lift station improvements.

COMPLIANCE WITH FEDERAL PROCUREMENT REQUIREMENTS

Compliance with Federal Procurement Requirements

Dewberry has partnered with the federal government for more than 60 years. We provide a broad range of infrastructure and facilities services for Department of Defense (DoD), US Coast Guard, Department of Veterans Affairs, and the Intelligence Community. We support disaster response and flood risk mapping contracts for FEMA, and we are a leading provider of geospatial services for USGS, NOAA, and DoD clients. We have provided services to federal agencies including:

- Department of Agriculture
- Department of Energy
- Department of Homeland Security
- Department of Justice
- Department of Transportation
- Department of the Treasury
- Environmental Protection Agency
- Small Business Administration
- US Army Corps of Engineers
- US Air Force
- US Fish and Wildlife Service
- US Marine Corps
- US Navy

Based on our extensive experience providing our services to the federal government, we can confirm that we understand and can successfully comply with all applicable federal procurement requirements.

Dewberry maintains an active entity registration in the System for Award Management (SAM), an official website of the US General Services Administration that is utilized for federal procurement. Below is a copy of our SAM entity registration as documentation demonstrating Dewberry’s eligibility to perform federal contracts.

If you have any questions or need additional information, please reach out to our Federal Contracting Administrator, Howard Perlmutter, via email at hperlmutter@dewberry.com, or by phone at 703.208.6872.

DEWBERRY ENGINEERS INC. ● Active Registration			Entity
Unique Entity ID K3WDSCEDY1V5	CAGE Code 4DJX0	Physical Address 8401 ARLINGTON BLVD, FAIRFAX, VA 22031 USA	Expiration Date Feb 10, 2026
			Purpose of Registration All Awards

CONSULTANT QUALIFICATIONS & REFERENCES

Dewberry References

References for our project team are highlighted below, and three references for each subconsultant team member can be found on the following pages.

Lift Station 4

SAN JOAQUIN COUNTY, CA

The \$3.3 million project constructed a new sanitary sewer lift station and force main system. The project involved construction of a new piping network, wet well with pumps, large concrete structures, electrical systems, mechanical systems within the existing WWTP, and pipelines within City streets. The project also included domestic water and storm drain upgrades. Preliminary design was undertaken and a Basis of Design Report was prepared identifying pump station requirements including alternatives, hydraulics, odor control, and provisions for electrical/instrumentation. The report also provided information on metering flows from a mobile home park, site improvements, and construction sequencing.

- **OAKWOOD LAKE WATER DISTRICT**

Bert Michalczyk, District Engineer
bert.michalczyk@gmail.com
925.570.8830

- **DURATION**
2020 - 2024



Don Pedro Recreation Agency Swim Lagoon Filter System

TURLOCK, CA

Dewberry designed the replacement of a 2.0 mgd pressure filter system at a recreational swimming lagoon. Don Pedro Recreation Agency, in collaboration with Turlock Irrigation District, purchased a new filtration system to be installed within an existing facility footprint. Design responsibilities included preparation of installation drawings for \$350,000 pre-purchased filtration equipment including piping and structural support systems, review of shop drawings from equipment suppliers to identify scope of work for installation contractor, preparation of construction drawings for new motor control center and SCADA interface, confirmation of existing conditions through detailed field measurements, and development of extensive construction sequencing documents. Construction period was coordinated with seasonal use of swimming lagoon from April – October.

- **TURLOCK IRRIGATION DISTRICT**

Bill Penney, Civil Engineer
bfpennet@tid.org
209.883.8222

- **DURATION**
2020 - 2022



Storm Drain Zones 36 and 39 Improvements

MANTECA, CA

Dewberry designed a conveyance system to receive stormwater flows from Zones 36 and 39. The system will consist of a 66-inch diameter gravity drain with connections from detention basin pump stations serving the various future developments in the drainage service area. Flows will be routed to a 120 cfs storm drain pump station (SDPS). The SDPS will then convey stormwater through a 2,600 ft long 48-inch diameter force main to an outfall structure situated along a levee discharging to the San Joaquin River through twin 30-inch diameter pipelines. The pumping plant will have a firm capacity of 120 cfs and will consist of two low-flow vertical turbine pumps, each with a capacity of 30 cfs (250 horsepower per pump); three high-flow vertical turbine pumps, each with a capacity of 60 cfs (750 horsepower per pump); and two standby generators sized to operate each set of pumps during a power outage.

- **CITY OF MANTECA**

Greg Showerman, Deputy Engineering Director
gshowerman@ci.manteca.ca.gov
209.571.5860

- **DURATION**
2020 - PRESENT



Subconsultant References

RESPONSIBLE FIRM:
Crawford & Associates

CLIENT CONTACT:
City of Modesto
William Wong, Director of Utilities
wwong@modestogov.com
209.571.5801

DURATION:
2014 - 2023

River Trunk Sewer Rehabilitation

STANISLAUS COUNTY, CA

The River Trunk is one of five sewer pipelines serving the Sutter Primary Treatment Facility. Its current location in the Tuolumne River floodplain makes it vulnerable due to erosion and signs of corrosion. To address this, the City plans to construct a new pipeline with a revised alignment that avoids the floodplain, merges parts of the Sutter Trunk, and provides increased capacity. Crawford prepared a Geotechnical Report, which included subsurface exploration by Geo-Ex, soil logging, lab testing, and groundwater observation.

RESPONSIBLE FIRM:
Crawford & Associates

CLIENT CONTACT:
Stanislaus County
Chris Brady, Deputy Director
bradyc@stancounty.com
209.525.4130

DURATION:
2019 - 2020

Stanislaus County Sewer Project

MODESTO, CA

Crawford & Associates completed Geotechnical Reports for each of the three areas. The reports include characterization of subsurface conditions using exploratory borings and laboratory soils test results, groundwater, CBC seismic design values, key geotechnical and construction considerations including material excavatability, stability (including preliminary OSHA soil types), use of excavated soils as backfill, compaction, unstable subgrade mitigation options, pipe support including subgrade modulus, dewatering considerations, and new pavement sections.

RESPONSIBLE FIRM:
Crawford & Associates

CLIENT CONTACT:
City of Modesto
Pete Kambel
pkambel@modestogov.com
209.525.4130

DURATION:
2009 - 2011

Shackelford Area Sanitary Sewer Pipeline

MODESTO, CA

Prepared a Geotechnical Report for the proposed sewer pipeline replacement project in southern Modesto. The project will consist of installing two, 400 foot long, 18" diameter sewer pipelines under the Tuolumne River. Horizontal direction drilling methods were proposed for the installation of the new, dual pipelines. Oversaw the preliminary coordination, fieldwork, and prepared the report for the project. Also performed a seismic hazard evaluation for the project.

RESPONSIBLE FIRM:
UNICO Engineers

CLIENT CONTACT:
City of Lincoln
Araceli Cazarez
araceli.cazarez@lincolncal.gov
916.434.2486

DURATION:
2023 - 2024

Joiner Parkway Rehabilitation, Phase 2

LINCOLN, CA

This \$2.3M project rehabilitated the pavement along Joiner Parkway from Moore Road to just south of Third Street. Joiner Parkway is a four-lane street that functions as an arterial with adjacent residential and commercial including a gas station, fire station, community center, school and undeveloped parcels. The existing conditions of the roadway showed signs of pavement degradation, base failures, weathering, other pavement distress, and non-compliant ADA curb ramps. The project includes full depth reclamation with concrete (FDR-C) with hot mix asphalt (HMA) paving; microsurfacing; lighting, push button assemblies, and loop detection modifications; and reconstruction of pedestrian access ramps to meet current ADA standards. UNICO provided full construction management services, including resident engineer, inspection, officer engineer, public outreach, and materials testing.

RESPONSIBLE FIRM:
UNICO Engineers

CLIENT CONTACT:
Calaveras County
Robert Pachinger
rpachinger@co.calaveras.ca.us
209.754.6402

DURATION:
2021 - Ongoing

SR 4/Wagon Trail Realignment, Phase 1

SAN ANDREAS, CA

As a major east-west connector through southern Calaveras County, this \$30M project along SR 4 provides access from the San Joaquin Valley to the Sierra Nevada Mountains. Within the County, the two-lane highway traverses mostly rural farmland, characterized by a rolling terrain that supports rock outcroppings, seasonal streams, and natural vegetation, as well as agricultural operations. This first phase realigns approximately three miles of SR 4 from Bonanza Mine Way to Appaloosa Road to meet current design standards, as well as enhance safety and improved sight distance. The project includes multiple box culverts from 50-100 feet in length, 60" diameter reinforced concrete pipe drainage structures, numerous cast-in-place concrete retaining walls, and 3,000-feet of MSE walls. UNICO provided land surveying services under the design contract, and is currently providing full construction management services.

RESPONSIBLE FIRM:
UNICO Engineers

CLIENT CONTACT:
City of Citrus Heights
Regina Cave
rcave@citrusheights.net
916.725.2448

DURATION:
2014 - Ongoing

On-Call Survey Services

CITRUS HEIGHTS, CA

UNICO is currently under contract with the City of Citrus Heights to perform on-call construction inspection, surveying, and materials testing services. The work is performed under a task order basis and includes a variety of Capital Improvement Projects. Since June 2014, the following task orders that have included land surveying have been completed:

- Sayonara Drive Boundary Survey
- Huntington Square Trail Easement
- Charolais Way IOD Survey Verification and Plats and Legals
- Garry Oaks and Old Auburn Topo Survey, Base Mapping, and Drafting
- Electric Greenway Trail Easement
- Dignity Health Medical Office Public Utility Easement
- Auburn Boulevard Survey and Right of Way Staking – San Tomas to Crosswoods
- Electric Greenway Ingress/Egress Plats and Legal Descriptions

RESPONSIBLE FIRM:

ATEEM Electrical Engineers

CLIENT CONTACT:

Placer County Water Agency
 Kelly Shively, Engineering Manager
 kshively@pcwa.net
 530.823.4883

DURATION:

1992 - Present

On-Call Electrical Design/Construction Services**AUBURN, CA**

ATEEM staff has provided electrical/design construction services, SCADA configuration and PLC programming services since 1992. PLC programming and SCADA configuration were provided for monitoring the 30 original remote sites at Foothill WTP. ATEEM has also had an Annual Services Contract with the Agency since 1999 to provide electrical engineering design, construction services, SCADA graphics, and PLC programming. Recent annual contracts have been for design and construction services only.

RESPONSIBLE FIRM:

ATEEM Electrical Engineers

CLIENT CONTACT:

Calaveras County Water District
 Kevin Williams, Engineering Manager
 kevinw@ccwd.org
 209.754.3184

DURATION:

1993 - Present

On-Call Electrical Design/Construction Services**SAN ANDREAS, CA**

ATEEM staff has provided electrical design services since 1993 and SCADA configuration and PLC programming services since 1998. PLC programming and SCADA configuration were provided for five water treatment plants and two wastewater treatment plants. ATEEM has also had an Annual Services Contract with the District since 2002 to provide electrical engineering design, construction services, SCADA graphics, and PLC programming.

RESPONSIBLE FIRM:

ATEEM Electrical Engineers

CLIENT CONTACT:

City of Hayward
 Ben Foreman, Engineering Manager
 benji.foreman@hayward-ca.gov
 210.881.7978

DURATION:

2011 - Present

On-Call Electrical Design/Construction Services**HAYWARD, CA**

ATEEM staff has provided electrical design services since 2011 and SCADA configuration, and PLC programming services since 2012. Radio troubleshooting, PLC programming, and SCADA configuration have been provided throughout their system. ATEEM has had an on-call contract with the City since 2012 to provide SCADA graphics and PLC programming. Electrical engineering design services were provided as needed.

CONTRACT COMMENTS

It is our understanding that the current contract agreement between the City and Dewberry would be used for future services. The terms and conditions of this agreement are fair and equitable and we would be pleased to continue our six-year contractual relationship with the City under an identical agreement.

APPENDIX A: Resumes

**FIRM**

Dewberry

EDUCATION

MS • Environmental Engineering • University of California • 1992

BS • Civil Engineering (Sanitary) • Michigan Technological University • 1978

REGISTRATIONS

Professional Engineer • CA • 33479

YEARS OF EXPERIENCE

Dewberry • 7
Total • 47

Dave Richard, PE**PROJECT/CONTRACT MANAGER**

As a Principal Engineer and leader of Dewberry's Northern California water/wastewater group, Dave has 47 years of experience in water resources and wastewater engineering, specializing in water supply and distribution; wastewater conveyance, treatment, reuse, and disposal; and stormwater conveyance. Dave has been responsible for the condition assessment, planning, design, permitting, construction oversight, startup, trouble-shooting, and peer review of water supply, treatment, storage, and distribution system improvements for agencies in Calaveras, Fresno, Placer, Sacramento, San Diego, San Joaquin, Solano, Stanislaus, Tuolumne, and Yolo counties. Projects have included design of new and rehabilitation/repair/replacement of existing infrastructure including surface water treatment plant improvements, transmission pipelines, storage reservoirs, distribution systems, and pumping plants. Pump station capacities have ranged from 250 gal/min to 20 mgd. In support of bridge replacement projects, Dave has served as the lead engineer for water, wastewater, and sewer relocations.

Critical Water and Wastewater Infrastructure Protection Project, City of Angels

Project Manager and Contract City Water/Wastewater Engineer for design services for the City of Angels. Improvements include removing an 8-inch sewer from beneath a bridge and replacing with a 10-inch sewer, and replacing an existing 10-inch trunk sewer with a 16-inch carrier pipe within a 24-inch steel casing. Vertical alignment of the carrier pipe will be raised to reduce the frequency of impacts from floodwaters along Angels Creek from approximately 1 in 10 years to 1 in 50 years. Protection for approximately 1,675 LF of existing 12-inch trunk sewer along Angels Creek will be provided by installing a structural line, and water line crossings of Angels Creek at Vallecito Road and Main Street will be armored by replacing exposed 6-inch waterlines with 8-inch waterlines within 16-inch steel casings.

Placer County Government Center (PCGC) Tier 1 Infrastructure Improvements, Placer County

Project Manager for design of the first phase of utility improvements for the 200-ac PCGC. Tier 1 improvements are intended to support construction of a new Health and Human Services Center. Infrastructure improvements include 5,750 ft of 12-inch waterline, 2,300 ft of 15- and 18-inch sewer, 950 ft of 24- and 30 inch storm drain, and expansion of Detention Basin 2A. Connections of the waterlines are being coordinated with and designed to the specifications of Placer County Water Agency and Nevada Irrigation District.

Downtown Utility Improvements Project, City of Vacaville

Principal-in-Charge and Project Manager providing design and construction oversight services to support the City of Vacaville in its Downtown Utility Improvements. Project objectives included but were not limited to the upsize and install of approximately 9,700 LF water pipelines to meet 4,500 gpm planning-level fire flow requirements, upsizing approximately 5,500 LF sewer pipelines to meet the City's 8-inch minimum diameter standard and replace deteriorated sewer pipelines, replacing laterals and water meters along upsized water pipelines, and relocation of pipelines for ease of maintenance access, including removal of backyard pipelines.

**NATIONAL, REGIONAL AND
LOCAL EXPERIENCE**

- ✓ Program Management/
Project Management
- ✓ Project Controls (Schedule, Budget/
Cost, Documents)
- ✓ Technical Review And
Design Compliance
- ✓ Stakeholder Coordination
- ✓ Government Agency Coordination
- ✓ Risk Management
- ✓ Community Outreach
- ✓ Quality Management

Dave Richard, PE • CONTRACT MANAGER**Booster Way Sewer Replacement Project, City of Angels**

Project Manager and Contract City Water/Wastewater Engineer for improvements at the Booster Way/Angels Creek crossing. This project included, but was not limited to, removing an 8-inch sewer from beneath the bridge and replacing with a 10-inch sewer, and replacing an existing 10-inch trunk sewer with a 16-inch stainless steel carrier pipe. Vertical alignment of the carrier pipe was raised to reduce the frequency of impacts from floodwaters along Angels Creek from approximately 1 in 10 years to 1 in 50 years. Replacement of 10-inch sewer with 16-inch pipeline eliminated a hydraulic bottleneck and allowed for lifting of a sewer moratorium.

La Grange Water System Improvements, Turlock Irrigation District

Project Manager for an alternatives analysis, preliminary design, final design, and permitting assistance for water system improvements including replacement of two corroded/leaking 40,000 gal finished water storage tanks and a raw water pump station. The tanks were replaced with two welded-steel storage tanks. The raw water pump station included filter feed and fire tender pumps. Additional facilities in the project included a chlorine handling system and expanded site piping, flow meters, motor control center, SCADA system, and maintenance building.

Don Pedro Reservoir Swimming Lagoon Filtration System Replacement Project, Turlock Irrigation District

Project Manager for replacement of 2.0 mgd pressure filter system at recreational swimming lagoon. Don Pedro Recreation Agency, in collaboration with Turlock Irrigation District, purchased a new filtration system to be installed within an existing facility footprint. Design responsibilities included preparation of installation drawings for \$350,000 pre-purchased filtration equipment including piping and structural support systems, review of shop drawings from equipment suppliers to identify scope of work for installation contractor, preparation of construction drawings for new motor control center and SCADA interface, confirmation of existing conditions through detailed field measurements, and development of extensive construction sequencing documents. Construction period was coordinated with seasonal use of swimming lagoon from April – October.

Disinfection System Modifications, Groveland Community Services District

Project Manager for Groveland Community Services District improvements required for Total Trihalomethanes (TTHM) regulatory compliance, including installation of UV disinfection at two water treatment plants and conversion to chloramination. Ultraviolet (UV) disinfection equipment is installed on the pipeline between the respective 2.0 MG reservoirs and the booster pump station within a separate building.

Family Entertainment Zone Utility Design, Manteca, CA

Project Manager for planning, design, and permitting of 18-inch water, 18-inch recycled water, and 54-inch trunk sewer lines within Family Entertainment Zone, adjacent to Manteca Wastewater Quality Control Facility and Big League Dreams sports complex. Project included trenchless crossing of SR 120 and connections to existing water distribution system, as well as re-purposing of existing 18 inch sanitary sewer force main to recycled water service through ice pigging, flushing, and disinfection; undergrounding of SSJID Drain 6; and hydraulic structures. Permitting efforts included Caltrans encroachment permit for freeway crossing along with Tunnel Classification from OSHA for microtunneling operations. Cost of Phase 1 infrastructure project was approximately \$9 million.

**FIRM**

Dewberry

EDUCATION

BS • Civil Engineering •
California State University,
Sacramento • 2013

REGISTRATIONS

Professional Engineer • CA •
93472

YEARS OF EXPERIENCE

Dewberry • 2

Total • 10

Max Hardy, PE**STRUCTURES ENGINEER**

Max has 10 years of structural design experience specializing in the design of water and wastewater structures. Max has led the structural design of water and wastewater projects that included new designs and major retrofits. He has managed the structural design of treatment plants from conceptual design to working with the contractor to deliver the finished product.

Storm Drain Zone 36 and Zone 39 Improvements Project, City of Manteca

Structural Engineer for a 120 CFS storm drain pump station that is to be constructed as part of this project consists of a large underground concrete structure with plan dimension of approximately 60 feet by 60 feet and a depth of approximately 40 feet with an attached 24 feet by 45 feet by 35 feet deep concrete screening structure. The pump station supports three high volume and two low volume storm drain pumps to provide year-round flood protection.

Atwood 3 Pump Station Improvement, Placer County

Structural Engineer for \$1.2 million rehabilitation/upgrade of submersible pump station serving residential and commercial properties in North Auburn near the Placer County Government Center. Improvements included reconstruction of duplex pump station with new wet well and triplex pumping configuration to meet future buildout flows. Improvements included additional 2,300 feet of six-inch force main extension along major urban street with connection to 18-inch regional trunk sewer, flow metering vault, discharge piping configured to allow for bypass pumping and force main pigging, and electrical/control system upgrade.

Naval Facilities Engineering Systems Command Center Southwest, Marine Corps Air Ground Combat Center, Wastewater Treatment Plant, Twentynine Palms

Structural Engineer for the design and construction of a new wastewater treatment plant (WWTP) at the Marine Corps Air Ground Combat Center (MCAGCC). MCAGCC is the largest air/ground combat center for the U.S. Marine Corps, occupying approximately 1,100 square miles of the Southern Mojave Desert. The existing WWTP operates on a lagoon system with chemical flocculation and disinfection where the effluent is used for irrigation water at the Desert Winds Combat Center Golf Course. This new project will decommission the existing 0.75 million gallon per day (MGD) average day flow wastewater treatment process at the Mainside WWTP and replace it with a new 2 MGD system that produces Title 22 (California Code of Regulations) disinfected tertiary recycled water. As the lead designer, Dewberry is providing design services using in-house resources from several different regional business units and is also providing engineering services during construction.

**FIRM**

Dewberry

EDUCATIONMS • Engineering Science •
University of the Pacific • 2019BS • Civil Engineering •
University of the Pacific • 2018**REGISTRATIONS**Engineer-in-Training • CA •
168767**YEARS OF EXPERIENCE**

Dewberry • 6

Total • 6

Khuong “KT” Tran, EIT**PROJECT ENGINEER**

KT is a Project Engineer providing hydraulic design, process calculations, system modeling, plans and specifications, assistance with technical memoranda, and AutoCAD support on water, wastewater, and storm drainage projects. While completing his graduate studies at the University of the Pacific, he also served as a Civil Engineering Assistant with the California Department of Water Resources.

Critical Water and Wastewater Infrastructure Protection Project, City of Angels

Project Engineer for design services for the City of Angels. Improvements include removing an 8-inch sewer from beneath a bridge and replacing with a 10-inch sewer, and replacing an existing 10-inch trunk sewer with a 16-inch carrier pipe within a 24-inch steel casing. Vertical alignment of the carrier pipe will be raised to reduce the frequency of impacts from floodwaters along Angels Creek from approximately 1 in 10 years to 1 in 50 years. Protection for approximately 1,675 LF of existing 12-inch trunk sewer along Angels Creek will be provided by installing a structural line, and water line crossings of Angels Creek at Vallecito Road and Main Street will be armored by replacing exposed 6-inch waterlines with 8-inch waterlines within 16-inch steel casings.

Placer County Government Center (PCGC) Tier 1 Improvements, Placer County

Project Engineer for design of the first phase of utility improvements for the 200-ac PCGC. Tier 1 improvements are intended to support construction of a new Health and Human Services Center. Infrastructure improvements include 5,750 ft of 12-inch waterline, 1,500 ft of 15-inch sewer, 4,600 ft of 6-inch sewer force main, 1,200 ft of 24- and 36-inch storm drain, modifications to two pump stations, and expansion of Detention Basin 2A. Connections of the waterlines are being coordinated with and designed to the specifications of Placer County Water Agency and Nevada Irrigation District.

Downtown Utility Improvements Project, City of Vacaville

Project Engineer providing design and construction oversight services to support the City of Vacaville in its Downtown Utility Improvements. Project objectives include but are not limited to the upsize and install of approximately 9,700 LF water pipelines to meet 4,500 gpm planning-level fire flow requirements, upsizing approximately 5,500 LF sewer pipelines to meet the City's 8-inch minimum diameter standard and replace deteriorated sewer pipelines, replacing laterals and water meters along upsized water pipelines, and relocation of pipelines for ease of maintenance access, including but not limited to removal of backyard pipelines.

Hangtown Creek Sewer Main Relocation, City of Placerville

Project Engineer for relocation of 24-inch trunk sewer from a main creek through the community to a more accessible location in city streets. Responsibilities included development of hydraulic model to confirm trunk sewer capacity, analysis of re-routing service laterals within the business district to the relocated trunk sewer, utility research, and development of cost estimates.

**FIRM**

Dewberry

EDUCATION

BS • Wildlife Biology •
Humboldt State University •
1992

YEARS OF EXPERIENCE

Dewberry • 3

Total • 31

Jeff Bray**PERMITTING LEAD**

Jeff has 31 years of experience, including biological resource and wetland projects for public clients. He regularly manages multi-disciplinary projects and has extensive experience preparing biological studies for public agency clients on projects in support of the California Environmental Quality Act (CEQA) and/or National Environmental Policy Act (NEPA) clearance, enabling smooth project permitting for agencies.

Copper Cove Wastewater Treatment Plant Tertiary Improvement Project, Calaveras County Water District (CCWD)

Environmental Project Manager for this project, on which Dewberry is assisting CCWD with CEQA and NEPA clearance for improvements to the tertiary treatment facility. CEQA clearance includes preparing Categorical Exemption documentation to support a Notice of Exemption, with supporting biological resources and cultural resources technical studies. NEPA clearance includes preparing an Environmental Assessment for the U.S. Army Corps of Engineers since CCWD is receiving federal funding that is administered by this agency. Additionally, the technical studies need to be prepared to federal standard to comply with NEPA.

Hangtown Creek Sewer Main Relocation, City of Placerville

Biological Resources Lead for this project involving re-routing of a 24-inch trunk sewer to facilitate construction of a replacement bridge over Hangtown Creek. Dewberry provided environmental and construction management services for this project, and prepared an Initial Study/Negative Mitigated Declaration (IS/MND) to satisfy CEQA, supporting technical studies for biological and cultural resources, along with a hazardous material assessment.

Storm Drain Zone 36 and Zone 39 Improvements Project, City of Manteca

QA/QC review of the environmental document for this storm drain improvement project that will extend through the former Oakwood Lake Water District wastewater treatment facility to an outfall into the San Joaquin River. A 120 CFS storm drain pump station that is to be constructed as part of this project consists of a large underground concrete structure with plan dimension of approximately 60 feet by 60 feet and a depth of approximately 40 feet with an attached 24 feet by 45 feet by 35 feet deep concrete screening structure. The pump station supports three high volume and two low volume storm drain pumps to provide year-round flood protection.

**FIRM**

Dewberry

EDUCATION

MS • Natural Resources and
Environmental Science •
University of Nevada • 2005

BS • Environmental Science •
University of Oregon • 1998

YEARS OF EXPERIENCE

Dewberry • 6

Total • 26

Christa Redd**CEQA LEAD**

Christa has 26 years of experience providing environmental documentation for public agencies, as well as for private residential, commercial, and industrial developments and alternative energy projects. Her work has included both CEQA and NEPA analysis, as well as environmental documents in support of annexation, General Plan amendment, and zoning change projects. Her responsibilities have included all aspects of project management, including coordination of technical studies, public meetings, client coordination, schedule compliance, and presentations to public decision makers.

Storm Drain 36 and Zone 39 Improvements Project, City of Manteca

Environmental Project Manager for the Zones 36/39 Storm Drain Pipeline Project. The Project will provide a storm drain system in the City of Manteca along Woodward Avenue and Aplicella Court through the former Oakwood Lake Water District wastewater treatment facility to an outfall into the San Joaquin River. Dewberry is providing the engineering, environmental compliance, and permitting for this project. Christa is overseeing the environmental team to prepare technical studies and the CEQA IS/MND. She is also working closely with the permitting team to confirm that the technical studies and environmental document will support the permits, including CVFPB Encroachment Permit, U.S. Army Corps of Engineers Section 404 and 408 Permits, CDFW Lake and Streambed Alteration Agreement (Section 1600), CVFPB Encroachment Permit, and the CVRWQCB Water Quality Certification (Section 401).

Copper Cove Wastewater Treatment Plant Tertiary Improvement Project, Calaveras County Water District (CCWD)

Senior Environmental Scientist for this project on which Dewberry is assisting CCWD with CEQA and NEPA clearance for improvements to the tertiary treatment facility. CEQA clearance includes preparing Categorical Exemption documentation to support a Notice of Exemption, with supporting biological resources and cultural resources technical studies. NEPA clearance includes preparing an Environmental Assessment for the U.S. Army Corps of Engineers since CCWD is receiving federal funding that is administered by this agency. Additionally, the technical studies need to be prepared to federal standard to comply with NEPA.

Hangtown Creek Sewer Main Relocation Project, City of Placerville

Senior Environmental Scientist for this project involving re-routing of a 24-inch trunk sewer to facilitate construction of a replacement bridge over Hangtown Creek. Dewberry provided environmental and construction management services for this project, and prepared an Initial Study/Negative Mitigated Declaration (IS/MND) to satisfy CEQA, supporting technical studies for biological and cultural resources, along with a hazardous material assessment.

**FIRM**

Dewberry

EDUCATION

MS • Environmental
Management • University of
San Francisco • 2010

BS • Anthropology • University
of California, Davis • 2007

YEARS OF EXPERIENCE

Dewberry • 12

Total • 17

Jennifer Howry**CULTURAL RESOURCES LEAD**

Jennifer has 16 years of experience and serves as Dewberry's Senior Environmental Scientist for a wide range of public works projects. She has extensive experience preparing environmental documentation in compliance with CEQA, NEPA, but specializes in the National Historic Preservation Act of 1966 (Section 106 process) and the National Transportation Act of 1966 (Section 4[f] process). Her experience includes all aspects of project management, including authoring environmental documentation and technical studies, subcontractor management, managing project budgets and schedules, and coordinating with state, federal, and local agencies.

State Route 49 Water Line Project, City of Angels

Cultural Resources Lead for this project where Dewberry provided environmental documentation in support of an encroachment permit from Caltrans as well as in support of potential funding from FEMA for critical water system improvements to the waterline across the State Route 49 bridge. The project required compliance with both Section 106 and CEQA regulations. Dewberry performed a historical resources study to document the results of field investigations and effect documentation, as well as an Environmentally Sensitive Area (ESA) Action Plan.

Arnold Wastewater Treatment Facility Improvement Project, Calaveras County Water District (CCWD)

Cultural Resources Lead for this project where Dewberry prepared CEQA Categorical Exemption (CE) documentation to support a Notice of Exemption for the proposed WWTP improvements that include electrical system upgrades, a new electrical building, backup generator replacement, new redundant secondary clarifier, additional aerobic digesters, dedicated aerators, and replacing the RAS/WAS pump station. CCWD is pursuing SRF funding for the project; consequently, Dewberry also prepared an SRF Environmental Package and biological resources, cultural resources, and air quality technical studies to support the federal cross-cutter process.

Hangtown Creek Sewer Main Relocation Project, City of Placerville

Senior Environmental Scientist for this project involving re-routing of a 24-inch trunk sewer to facilitate construction of a replacement bridge over Hangtown Creek. Dewberry provided environmental and construction management services for this project, and prepared an Initial Study/Negative Mitigated Declaration (IS/MND) to satisfy CEQA, supporting technical studies for biological and cultural resources, along with a hazardous material assessment.

**FIRM**

Dewberry

EDUCATION

BS • Civil Engineering •
California Polytechnic State
University, San Luis Obispo •
2002

REGISTRATIONS

Professional Engineer • CA •
73737

YEARS OF EXPERIENCE

Dewberry • 8
Total • 21

Rebecca Neilon, PE**FUNDING LEAD**

Rebecca has 21 years of experience in project development and delivery of projects, specializing in Caltrans Local Assistance Coordination and Grant Writing. Rebecca has a rare perspective on project development and delivery, gained through her roles as contract staff for small rural agencies in Amador and Calaveras Counties. She is a uniquely qualified grant writer, bringing both her engineering background and extensive experience with competitive local, state, and federal funding programs.

On-Call City Engineering Services, City of Angels

Engineering Technician providing staff augmentation for the City of Angels in support of the contract City Engineer by investigating City Council and residents' concerns related to public infrastructure, reviewing site plans for building permits, coordinating with other public agencies, updating the City Improvement Standards, and assisting with delivery of the City's Capital Improvement Program. In this role, Rebecca utilized her knowledge of Caltrans Local Assistance Programs and Procedures, as well as grant writing and program management.

Pier B On-Dock Rail Expansion Project, Port of Long Beach

Rebecca prepared several successful State and Federal grants to assist the Port of Long Beach with their \$1.5 billion on-dock rail expansion project. In this role, Rebecca helped the Port clearly define a complex project in a way people unfamiliar with the Port could understand. In addition, Rebecca helped the Port maximize project benefits that align with the current administration's goals. The benefits maximized to align with funding program goals were the reduction of greenhouse gas emissions associated with increased on-dock rail. The Port recently expanded Rebecca's role to assist with grant support services, including interfacing with the granting agencies. Her work has facilitated \$228 million in awarded funds.

Fourth Track at Ocean Boulevard Project, Port of Long Beach

Rebecca was responsible for preparation of a grant application on this project where Dewberry successfully competed for \$8 million in Trade Corridor Enhancement Activity funds for the Fourth Track at Ocean Boulevard. This competition involved utilizing a custom project Benefit-Cost Analysis that included interviewing truck drivers to quantify operator time savings and reduced idle time. A key strategy of this application was a strategic partnership with the impacted Department of Transportation.

**FIRM**

Crawford & Associates
(Crawford)

EDUCATION

BS • Civil Engineering •
California Polytechnic State
University, San Luis Obispo •
2002

REGISTRATIONS

Professional Engineer • CA •
68457

Geotechnical Engineer • CA •
2861

YEARS OF EXPERIENCE

Crawford • 11

Total • 21

Ben Crawford, PE, GE**GEOTECHNICAL / MATERIALS TESTING**

Ben is the Founder and President of Crawford & Associates, Inc. He has managed complex projects including bridges, roadways, pavement rehabilitation, water and wastewater facilities, parks, and trails. Ben's experience includes providing geotechnical recommendations for water, wastewater, wells, basins, storm drainage, and pipeline projects, including associated ancillary structures, foundations, and pavement/flatwork. Previous projects include reinforced concrete pipelines, large-diameter pipelines, work within wetlands and waterways, open-cut and trenchless pipelines, and projects within areas of high seismicity.

San Andreas Wastewater Treatment Plant Pond D Expansion, San Andreas County

Prepared a Draft and Final Geotechnical Report for the improvements to the existing treatment facility. Improvements included new aeration basins, multiple below ground pump stations, sludge drying beds, administration building, and clarifiers. Also prepared a Preliminary Geotechnical Report for the planning of three potential new reservoirs at the WWTP site and a baseline report for the construction of approximately 2 miles of outfall pipe.

Grant Line Road Pavement Repairs, Sacramento County

The project includes facilities upgrades, including a new pump station, mechanical, and electrical equipment. Primary improvements include a new wet well and valve vault; flow meter and bypass vault; raise the grade of the site to reduce risk of flooding; perimeter retaining wall; new restroom/electrical building; generator and transformer; and demolition of existing building and underground facilities. Ben oversaw preparation of a Geotechnical Report which provided engineering analysis of existing site conditions and provided recommendations for mat foundations, CIDH piles, spread footings, and mechanically stabilized earth wall system. Geotechnical concerns include shallow groundwater, caving sands/gravels, site flooding, liquefaction settlement, and lack of uniform supportive soils.

Sewer Line Replacement Project, City of Oakdale

As Principal-In-Charge, Ben oversaw the preparation of a Draft Geotechnical Design Report for the City of Oakdale. The City plans to replace an existing sewer main from their wastewater treatment plant to the intersection of North Oak Avenue and Kimball Street. The overall plan alignment measures about 2,300 feet and will consist of 18", 24", and/or 30" pipe. The new pipeline will be constructed using horizontal directional drilling (HDD) beneath the Stanislaus River. The HDD alignment will be about 50 ft below ground surface (bgs) at its deepest point.

**FIRM**

UNICO Engineering (UNICO)

YEARS OF EXPERIENCE

UNICO • 11

Total • 37

Rob Markes**MAPPING**

Rob has worked in the survey industry for 37 years. As crew chief, Rob oversees field procedures and is responsible for all office and field personnel. He is an experienced Survey Crew Chief, excelling in topographic mapping, construction staking, and boundary surveys. His land surveying expertise includes supervising and performing Global Positioning System surveys, topographic surveys, aerial control surveys, horizontal and vertical control networks, title surveys, boundary surveys, cadastral surveys, geodetic surveys, engineering surveys and construction surveys, plus construction control and staking for a wide range of projects.

Mark Twain Water System Improvements, City of Angels

Survey Manager. This project upgrades the water distribution system near Mark Twain Elementary School to improve available water supply for firefighting purposes. The project installs approximately 930 lineal feet of 8-inch and 1,200 lineal feet of 6-inch waterlines, blowoffs, air release valves, and fire hydrants, as well as connections to existing waterlines; reconnection of residential and fire services to new waterlines; and flushing, testing, disinfection, and placing into service new waterlines and appurtenances. UNICO provided land surveying services, including topographic surveying and base mapping, right of way surveying, and potholing support. Responsible for contract management, mapping, and QA/QC.

Booster Way Sewer Replacement, City of Angels

Survey Manager. The Booster Way sewer crossing of Angels Creek and China Gulch represents a critical element in the East Angels Trunk Sewer system serving large areas within the City. Upgrade of the sewer crossing is a high priority objective in the City Wastewater Master Plan and corrects a hydraulic bottleneck and historical source of sewer overflows during significant rain events. Increasing the capacity of the sewer crossing facilitates approved development in the upstream sewer shed. The project included replacement of the sewer crossings with armored stainless steel piping; removal and replacement of sewer piping serving the Stelte Homes subdivision; construction of two new manholes to facilitate access and maintenance of the East Angels Trunk Sewer; removal and replacement of two manholes at the Angels Creek sewer crossing; removal and replacement of 110-feet of trunk sewer within Tryon Park; reconstruction of sewer laterals serving UWPA property; and bypass pumping to maintain trunk sewer operation throughout construction. Responsible for contract management, mapping, and QA/QC.

East Angels Trunk Sewer/Vallecito Road Sewer Replacement, City of Angels

Survey Manager. This project upsized and replaced approximately 5,446 linear feet of deteriorating sewer line as two separate segments: East Trunk sewer segment and Vallecito Road sewer segment. Pipe sizes along the existing sewer line vary between 10 and 15 inches, and the project upsized the sewer line at various locations to a maximum 18-inch pipe to increase flow capacity. UNICO provided land surveying services, including topographic surveying and base mapping, and right of way surveying and mapping. Responsible for contract management, mapping, and QA/QC.



FIRM

UNICO Engineering (UNICO)

EDUCATION

MS • Civil Engineering •
University of California, Davis
BS • Structural Engineering •
University of California, San
Diego

REGISTRATIONS

Professional Engineer • CA •
78363

Qualified SWPPP Developer

YEARS OF EXPERIENCE

UNICO • 5
Total • 17

Lacey Smith

CONSTRUCTION INSPECTION & OVERSIGHT

Lacey has more than 17 years of experience, specializing in construction management. She has a strong background in providing engineering services for all phases from planning, to design and contract document development, through construction. Her CM background includes bridges over waterways, compliance with regulatory and environmental permits, staged construction and traffic control, temporary structures, various utility and landowner coordination, deep and shallow foundations, as well as asphalt paving and methacrylate deck overlay. The structures include both conventionally reinforced and prestressed concrete as well as precast concrete, structural steel, and timber.

Canyon View Drive Slide Repair, Calaveras County

Resident Engineer. This project reconstructed the embankment, soldier pile wall with CIDH foundations, as well as roadway and relocated the waterline on Canyon View Drive where it intersects with Utica Drive. The wall is approximately 90-feet long and a maximum 14-feet tall exposed face. Approximately 115-feet of roadway was constructed to restore the condition to the pre-washout condition, including asphalt paving and new guardrail. Canyon View Drive remained open during construction. Responsible for project management, stakeholder coordination, structures quality assurance, field directives, RFI response, submittal review, and progress payment review and approval.

Gwin Mine Road Slide Repair, Calaveras County

Resident Engineer. During the winter storms of 2017, Gwin Mine Road suffered damage to the roadway and embankment by washout and landslide at six locations. At a seventh location, high velocity flood waters caused erosion and siltation of 3 culverts. This project included slide debris removal, the restoration of roadway with retaining walls, and placement of rip rap for downhill slope failures, as well as culvert restoration and replacement. Responsible for constructability review, project management, resident engineering services, contact change orders, field change directives, responding to RFIs, communication between Contractor and County, progress payment review and approval, and public outreach.

Jesus Maria Road Reconstruction, Calaveras County

Resident Engineer. The Butte Fire burned nearly 71,000 acres and 85 miles of Calaveras County (County) maintained roads. The Butte Fire Road Rehabilitation Project – Jesus Maria Road Project includes Full-Depth Reclamation with Cement (FDR-C) and Cape Seal (chip seal and slurry seal) of approximately 7.8 miles of County maintained road, and a rubberized asphalt chip seal and slurry seal of approximately 3.0 miles of the County maintained road. Responsible for constructability review, project management, resident engineering services, contact change orders, field change directives, responding to RFIs, communication between Contractor and County, progress payment review and approval, and public outreach.

**FIRM**

A T.E.E.M. Electrical Engineering
(ATEEM)

REGISTRATIONS

Electrical Engineer • CA •
E15698

YEARS OF EXPERIENCE

A TEEM • 31

Total • 33

Sharon Kimizuka, PE**ELECTRICAL/SCADA**

A TEEM's Principal in Charge and President, Sharon M. Kimizuka, PE, is a State of California registered Professional Engineer. Ms. Kimizuka has over 30 years of specialized experience in wastewater, water, and drainage system engineering projects.

Emergency Backup Generator Upgrade, El Dorado Irrigation District

Electrical Engineer in charge on the Emergency Backup Generator Upgrades project. Electrical and instrumentation design for installing generators and replacing existing electrical equipment at eleven sewer lift stations and ten pump stations. Electrical design includes new standby generators and automatic transfer switches. New electrical motor controls, RTU control panels and other modifications were made to sites on a case by case basis.

West Point and Wilseyville Wastewater Treatment Facility, Calaveras County Water District

Electrical Engineer in charge on the West Point & Wilseyville Wastewater Treatment Facility (WWTF) Consolidation project. Electrical and instrumentation design for replacing the electrical at Wilseyville and adding new septage receiving station, and lagoon pond pump station. Electrical design included new metering at Wilseyville, MCC, pump controls, standby generator, ATS, instrumentation, PLCs, and radio communication between Wilseyville and West Point WWTF.

French Meadows South Shore Water Supply Project, Placer County Water Agency

Electrical Engineer in charge of the French Meadows South Shore Water Supply Project. Electrical and instrumentation design for new water well with prime generator power. Project included lighting panelboard, building lights & receptacles, PLC control panel and instrumentation.

24th Street Storage Facility, City of Sacramento

Electrical Engineer in charge of the 24th Street Storage Facility project. Electrical and instrumentation design for new underground storm water storage. Project included new pump station pedestal, portable generator connection, instrumentation and remote instrumentation.

Hardin Tank Improvements Project, City of Petaluma

Electrical Engineer in charge on the City of Petaluma, Hardin Tank Improvements Project. Project included new electrical cabinet and meter/main. Manual transfer switch was provided for backup power connection. New area stair and vault light were also installed.

Manor Lane Tank Rehabilitation Project, City of Petaluma

Electrical Engineer in charge on the City of Petaluma, Manor Lane Tank Rehabilitation Project. Project included new electrical cabinet and reusing some existing internal panels. Manual transfer switch was provided for backup power connection. New area stair and vault light were also installed.



June 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 BEHIEL OUT Unitt June 8th	3 City Council Meeting BEHIEL OUT Unitt June 8th	4 COG REP TO BE IN AREA, BEHIEL OUT Unitt June 8th	5 BEHIEL OUT Unitt June 8th	6 BEHIEL OUT Unitt June 8th	7
8	9	10	11	12 Spec Mtg City Council 2:00pm Planning Com 5:30	13 FARMERS MARKET OPENING NIGHT-4:30PM MUSEUM	14
15	16	17 City Council Meeting	18 COG TAC IRWMA	19	20	21
22	23	24 UWPA	25	26	27	28
29	30					

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY
 ADMINISTRATOR
 AVA – City Administrator

Want to learn more about LAFCO, Local
 Agency Formation Commission click here

July 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 City Council Meeting	2	3	4	5
6	7	8	9	10 Planning Com 5:30	11	12
13	14	15 City Council Meeting	16 COG TAC CPPA IRWMA	17	18	19
20	21 LAFCO	22 UWPA	23	24	25	26
27	28	29	30	31		

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY
 ADMINISTRATOR
 AVA – City Administrator

Want to learn more about LAFCO,
 Local Agency Formation
 Commission click [here](#)

August 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5 City Council Meeting	6 COG	7	8	9
10	11	12	13	14 Planning Com 5:30	15	16
17	18	19 City Council Meeting	20 COG TAC IRWMA	21 CSEDD	22	23
24	25	26 UWPA	27	28	29	30
31						

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY
 ADMINISTRATOR
 AVA – City Administrator

Want to learn more about LAFCO,
 Local Agency Formation
 Commission click here

September 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 City Council Meeting	3 COG	4	5	6
7	8	9	10	11 Planning Com 5:30	12	13
14	15 LAFCO	16 City Council Meeting	17 COG TAC IRWMA	18	19	20
21	22	23 UWPA	24	25	26	27
28	29	30				

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY
 ADMINISTRATOR
 AVA – City Administrator

Want to learn more about LAFCO,
 Local Agency Formation
 Commission click here

October 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 COG	2	3	4
5	6	7 City Council Meeting	8	9 Planning Com 5:30	10	11
12	13	14	15 COG TAC CPPA IRWMA	16	17	18
19	20	21 City Council Meeting	22	23	24	25
26	27	28 UWPA	29	30	31	

LEAGUE OF CITIES Annual Conference and Expo October 8-10, 2025

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY ADMINISTRATOR
 AVA – City Administrator

Want to learn more about LAFCO,
 Local Agency Formation
 Commission click here

November 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4 City Council Meeting	5 COG	6	7	8
9	10	11	12	13 Planning Com 5:30	14	15
16	17 LAFCO	18 City Council Meeting	19 COG TAC IRWMA	20 CSEDD	21	22
23	24	25 UWPA	26	27	28	29
30						

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY ADMINISTRATOR
 AVA – City Administrator

Want to learn more about
 LAFCO, Local Agency Formation
 Commission click [here](#)

December 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 City Council Meeting	3 COG	4	5	6
7	8	9	10	11 Planning Com 5:30	12	13
14	15	16 City Council Meeting	17 COG TAC IRWMA	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

CSEDD: R: Chimento, A: Broglio
 COG: R: Behiel & Schirato A: Broglio
 CPPA: R: Chimento, A: Broglio
 LAFCO: R: Behiel & Moncada A: Chimento
 SOLID WASTE TASK FORCE: R: Broglio, A: Chimento
 UWPA: R: Broglio & Schirato, A: Chimento

COG TAC – City Administrator
 IRWMA - PW SUPERINTENDENT / CITY ADMINISTRATOR
 AVA – City Administrator

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 LAFCO, Local Agency Formation
 Commission [click here](#)