



AGENDA

EAST ORANGE COUNTY WATER DISTRICT ENGINEERING AND OPERATIONS COMMITTEE MEETING

**Thursday, June 13, 2024 at 9:00 A.M.
185 N. McPherson Road, Orange, California**

1. Call meeting to order
2. Public communications to the Committee
3. Additional items arising after posting of agenda

Informational Items

4. RZ System Status, Well Levels, and Water Use – Handout
5. WZ System Status and Water Use – Handout
6. Sewer System Status and Permit Reports

Action Items

7. FY2024/25 Capital Budget
8. Sewer Manhole and Valve Can Adjustments – Contract Award
9. Adjournment

Members of the public shall be permitted to speak as to both agendized and non-agendized items, as reflected in the agenda. Those wishing to speak may submit a speaker request or by verbally indicating their desire to comment at the time the item is called. Additionally, members of the public may, but are not required to, e-mail comments to Sylvia Prado at sprado@eocwd.com up to 30 minutes before the Committee meeting, and such comments shall be provided to the Committee. Members of the public wishing to attend the meeting that require disability-related or other reasonable modifications or accommodation to facilitate such attendance should contact Ms. Prado at (714) 538-5815 or the e-mail provided as soon as feasible before the meeting to make such request.

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the East Orange County Water District Engineering & Operations Committee in connection with a matter subject to discussion or consideration at an open meeting of the Engineering & Operations Committee are available for public inspection in the District's office, 185 McPherson Road, Orange, California ("District Office"). If such writings are distributed to members of the Committee less than 72 hours prior to the meeting, they will be available via phone or email request to Ms. Sylvia Prado at (714) 538-5815 or sprado@eocwd.com.

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: RETAIL ZONE SYSTEM STATUS, WELL LEVELS, AND WATER USE
DATE: JUNE 13, 2024

Background

This memo serves as cover for the water use and well reports. The RZ Water Use Report and the Well Pumping and Static Water Level Report will be handed out at the meeting.

Recommendation

Informational

Attachment(s) None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: WHOLESALE ZONE WATER USE REPORT
DATE: JUNE 13, 2024

Background

This memo serves as cover for the Wholesale Zone water demand and imported water report. The Wholesale Zone Water Demand and Imported Water Delivery Balance Report will be handed out at the meeting.

Recommendation

Informational

Attachment(s) None

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: SEWER SYSTEM STATUS AND PERMIT REPORT
DATE: JUNE 13, 2024

Background

There were no sewer spills in May. The monthly Permit Report for May is attached.

Recommendation

Informational

Attachment(s) Permit Report

May 2024 - Permits

Connection Address	Type of Development	Permit No	APN	Date Issued	Sewer				Wholesale Zone	Retail Zone	Total
					Regional CFCC (OCSD) Fees	Local Sewer Capacity Fees	Inspection	Total Sewer			
12071 Sandwood Ln. Santa Ana, CA 92705	ADU (N)	24-020	502-291-28	5/1/2024	\$ 451.44	\$ 1,022.14	\$ -	\$ 1,473.58	\$ 173.41	\$ -	\$ 1,646.99
1661 & 1665 Garland Ave. Tustin, CA 92780	ADU (N)	24-028	103-223-18	5/10/2024	\$ 1,188.00	\$ 3,779.94	\$ 800.00	\$ 5,767.94	\$ 384.84	\$ -	\$ 6,152.78
11762 S. Esplanade St. Orange, CA 92869	ADU (N)	24-029	093-101-33	5/10/2024	\$ 1,336.50	\$ 10,598.00	\$ -	\$ 11,934.50	\$ -	\$ -	\$ 11,934.50
10102 Cowan Heights Dr. Santa Ana, CA	Septic to Sewer	24-032	503-302-03	5/13/2024	\$ 6,806.00	\$ 10,598.00	\$ 800.00	\$ 18,204.00	\$ -	\$ -	\$ 18,204.00
10591 Newport Blvd. Santa Ana, CA 92705	SFR (R) ADU (N)	24-033	503-682-11	5/29/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14231 del Amo Ave. Tustin, CA 92780	SFR (R)	24-034	432-061-01	5/13/2024	\$ 712.80	\$ 3,740.47	\$ -	\$ 4,453.27	\$ 380.82	\$ -	\$ 4,834.09
13812 Sandhurst Pl. Santa Ana, CA 92705	ADU (N)	24-037	395-453-03	5/24/2024	\$ 479.66	\$ 1,811.19	\$ -	\$ 2,290.85	\$ 184.40	\$ -	\$ 2,475.25
14086 S. C St. Tustin, CA 92780	ADU (N)	24-038	402-371-10	5/28/2024	\$ 1,277.10	\$ 6,696.75	\$ 800.00	\$ 8,773.85	\$ 1,798.00	\$ -	\$ 10,571.85
10351 Shadyridge Dr. Santa Ana, CA 92705	SFR (R)	24-040	503-091-02	5/29/2024	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14212 Quent Dr. Tustin, CA 92780	Septic to Sewer	24-042	432-031-10	5/8/2024	\$ 6,806.00	\$ 10,598.00	\$ 800.00	\$ 18,204.00	\$ -	\$ -	\$ 18,204.00
13102 Ethelbee, Santa Ana, CA 92705	Meter Up-Size	WZ2024-036	395-191-19	5/7/2024	\$ -	\$ -	\$ -	\$ -	\$ 719.00	\$ -	\$ 719.00
Totals					\$ 19,057.50	\$ 48,844.49	\$ 3,200.00	\$ 71,101.99	\$ 3,640.47	\$ -	\$ 74,742.46

May 2024 - In the Pipeline

Connection Address	Type of Development	Permit No	APN	Permit Status
4725 E. Chapman Ave. Orange, CA 92869	Commercial (N)	23-061	383-272-04	Pending customer payment and signature
12221 Circula Panorma, Santa Ana, CA	ADU (N) JADU (N)	23-077	094-212-06	Pending customer payment and signature
17742 Linda Ln. Santa Ana, CA 92705	SFR (R)	23-082	395-283-03	Pending customer payment and signature
13371 Diamond Head Dr. Tustin, CA 92780	ADU (N)	23-088	103-523-08	Pending customer response
12558 La Bella Dr. Santa Ana, CA 92705	ADU (N)	23-096	103-177-03	Pending submittal of plans
1202 Lucinda Way, Tustin, CA 92780	ADU (N)	23-098	502-042-04	Pending submittal of plans
10392 Shadyridge Dr. Santa Ana, CA	SFR (R)	23-104	503-101-01	Pending customer payment and signature
1665 Garland Ave. Tustin, CA 92780	SFR (R)	24-001	395-191-19	Pending customer response
12062 Woodlawn Ave. Santa Ana, CA 92705	SFR (R)	24-005	502-122-10	Pending customer payment and signature
11751 Highview Dr. Santa Ana, CA 92780	ADU (N)	24-011	104-611-24	Pending revised plans
14192 Yorba St. Tustin, CA 92780	SFR (N)	24-012	401-231-38	Pending customer response
18921 Fairhaven Ext. Santa Ana, CA 92705	SFR (N)	24-019	393-011-33	Pending customer payment and signature
1462 Kenneth Dr. Tustin, CA 92780	ADU (N)	24-023	103-341-18	Pending customer payment and signature
1892 Lemon Heights Dr. Santa Ana, CA	S2S & ADU (N)	24-024	502-362-15	Pending revised plans
14601 Red Hill Ave. Tustin, CA 92780	Commercial (R)	24-039	432-141-10	Pending grease interceptor review
13621 Green Valley Dr. Tustin, CA 92780	ADU (N)	24-041	500-081-25	Pending revised plans
11751 Highview Dr. Santa Ana, CA 92780	ADU (EA)	24-043	104-611-24	Pending customer payment and signature
11931 Arroyo Dr. Santa Ana, CA 92705	ADU (N)	24-044	502-151-03	Pending submittal of plans
14232 Newport Ave. Tustin, CA 92780	Commercial	24-045	432-073-01	Pending revised plans
10141 Overhill Dr. Santa Ana, CA 92780	ADU (N)	24-046	503-172-02	Pending revised plans
13661 Hewes Ave. Santa Ana, CA 92705	SFR (R) ADU (N)	24-047	395-451-06	Pending submittal of plans
13831 Orange, Tustin, CA 92780	SFR (R)	24-048	500-152-14	Pending submittal of plans
11392 Newport Ave. Santa Ana, CA 92705	ADU (N)	24-049	502-263-01	Pending revised plans

R - Remodel
N - New
E - Existing

MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: PROPOSED FY2024/25 CAPITAL BUDGET
DATE JUNE 13, 2024

Background

Staff is pleased to present the FY2024/25 Capital Budget for review.

Recommendation

That the Committee recommend the FY2024/25 Capital Budget for inclusion in the annual budget for approval.

Attachment(s) Proposed FY2024/25 Capital Budget
Presentation



**East Orange County Water District
Capital Budget Summary
FY 2024/25**

Schedule F CIP Budget Summary	Wholesale	Retail	Sewer	Total	Wholesale	Retail	Sewer	Total	A	B	C	D
	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 25 Proposed Budget	FY 25 Proposed Budget	FY 25 Proposed Budget	FY 25 Proposed Budget
1 Capital Improvement Program (CIP)												
2 Transmission / Distribution System	\$ 1,674,700	\$ 4,855,300	\$ 1,710,000	\$ 8,240,000	\$ 708,100	\$ 772,000	\$ 2,637,000	\$ 4,117,100	\$ 2,243,000	\$ 7,687,000	\$ 1,110,000	\$ 11,040,000
3 District Facilities and Structures	1,572,000	1,164,300	\$ 5,063,600	7,799,900	1,331,800	1,215,400	5,285,700	7,832,900	16,150	17,100	61,750	95,000
4 Wells and Treatment	-	2,504,400	\$ -	2,504,400	-	1,145,000	-	1,145,000	-	150,000	-	150,000
5 Vehicles and Equipment	5,000	5,000	\$ 5,000	15,000	-	-	-	-	60,150	300,350	153,500	514,000
6 Information Technology	35,300	35,300	\$ 54,500	125,100	19,500	19,500	53,000	92,000	20,000	20,000	20,000	60,000
7 Studies and Assessments	158,300	158,300	138,400	455,000	-	-	-	-	200,000	200,000	250,000	650,000
8 Total CIP	3,445,300	8,722,600	6,971,500	19,139,400	2,059,400	3,151,900	7,975,700	13,187,000	2,539,300	8,374,450	1,595,250	12,509,000
9 Less: Debt Funding	-	(1,947,000)	(3,167,000)	(5,114,000)	-	(1,483,326)	(2,894,878)	(4,378,204)	-	(2,000,000)	-	(2,000,000)
10 Less: Grant Funding	-	(1,068,000)	-	(1,068,000)	-	(1,068,000)	-	(1,068,000)	-	(1,000,000)	-	(1,000,000)
11 CIP, Net PAYGO Funded	\$ 3,445,300	\$ 5,707,600	\$ 3,804,500	\$ 12,957,400	\$ 2,059,400	\$ 600,574	\$ 5,080,822	\$ 7,740,796	\$ 2,539,300	\$ 5,374,450	\$ 1,595,250	\$ 9,509,000

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**East Orange County Water District
Wholesale Capital Detail
FY 2024/25**

Project ID	Project	FY 25 Proposed Budget
1	Transmission/Distribution Systems	
2	21-45 SCADA System Improvements	200,000
3	23-07 6MG Reservoir - Pipeline and Vault Improvements	200,000
4	22-51 Wholesale Reservoir Backup Power	245,000
5	24-07 Wholesale Reservoir Management Systems	1,500,000
6	25-11 Valve Replacements	40,000
7	25-12 Hydrant Replacements	8,000
8	Total Transmission/Distribution Systems	2,193,000
9	Vehicles & Equipment	
10	25-07 District HQ Backup Generator	22,100
11	25-08 Work Truck	25,000
12	25-08 11.5MG Spare Mixer	13,050
13	Total Vehicles & Equipment	60,150
14	Structures & Facilities	
15	25-04 6MG Site Canopy	12,750
16	25-05 6MG Site Additional Storage	3,400
17	Total Structures & Facilities	16,150
18	Information Technology	
19	22-01 Financial Software and Implementation	20,000
20	Total Information Technology	20,000
21	Studies & Assessments	
22	24-01 Master Plan Update	150,000
23	24-11 Hazard Mitigation Plan	50,000
24	25-03 AWIA Assessment	50,000
25	Total Studies & Assessments	250,000
26	Wholesale CIP Total	2,539,300
27	Less: Debts Proceeds for Capital Projects	-
28	Less: Grant Proceeds for Capital Projects	-
29	Wholesale CIP, Net Paygo-Funded	\$ 2,539,300

Key - CIP Budget Details
Projects in green have approved grant-funding and are fully or partially funded by grant proceeds.



**East Orange County Water District
Retail Capital Detail
FY 2024/25**

Schedule G.2

Project ID	Project	FY 25 Proposed Budget
1	Wells & Treatment	
2	22-29 East Well Electrical	150,000
3	Total Wells & Treatment	150,000
4	Transmission/Distribution Systems	
5	22-40 Circula Panorama Pipeline Replacement/Conversion	4,700,000
6	21-09 Springwood Drive Pipeline Improvement	100,000
7	21-11 Brae Glen Pipeline Replacement	500,000
8	21-45 SCADA System Improvements	100,000
9	22-18 Orange Knoll PRV Station	75,000
10	22-31 Barrett and Hinton Service Relocations	225,000
11	24-08 Daniger Pump Station Upgrades	230,000
12	24-09 St. Jude/Panorama View Pipeline	225,000
13	24-10 Barrett to Cresthaven Pipeline Replacement	75,000
14	25-01 4" Main Replace/Abandon on Hewes & Fowler	100,000
15	25-02 Automated Meter Replacement	1,200,000
16	25-06 Vista Panorama Pump Station	250,000
17	25-11 Valve Replacements	75,000
18	25-12 Hydrant Replacements	32,000
19	Total Transmission/Distribution Systems	7,887,000
20	Vehicles & Equipment	
21	25-07 District HQ Backup Generator	23,400
22	25-08 Work Truck	25,000
23	25-15 11.5MG Spare Mixer	1,950
24	Total Vehicles & Equipment	50,350
25	Structures & Facilities	
26	25-04 6MG Site Canopy	13,500
27	25-05 6MG Site Additional Storage	3,600
28	Total Structures & Facilities	17,100
29	Information Technology	
30	22-01 Financial Software and Implementation	20,000
31	Total Information Technology	20,000
32	Studies & Assessments	
33	24-02 Master Plan Update	150,000
34	24-11 Hazard Mitigation Plan	50,000
35	25-03 AWIA Assessment	50,000
36	Total Studies & Assessments	250,000
37	Retail CIP Total	8,374,450
38	Less: Debts Proceeds for Capital Projects	(2,000,000)
39	Less: Grant Proceeds for Capital Projects	(1,000,000)
40	Retail CIP Net Paygo-Funded	\$ 5,374,450

Key - CIP Budget Details
Projects in green have approved grant-funding and are fully or partially funded by grant proceeds.



**East Orange County Water District
Sewer Capital Detail
FY 2024/25**

Schedule G.3

Project ID	Project	FY 25 Proposed Budget
1	Transmission/Distribution Systems	
2	25-10 Cured in Place Pipe (CIPP)	300,000
3	25-13 Manhole Additions, Raising, Frames & Covers (includes County projects)	100,000
4	25-14 Manhole Rehabilitation/Replacement	500,000
5	24-04 Lemon Heights Dr. Lift Station Rehabilitation	60,000
6	25-13 Fallen Leaf Sewer Rehab	100,000
7	Total Transmission/Distribution Systems	1,060,000
8	Vehicles & Equipment	
9	25-07 District HQ Backup Generator	84,500
10	25-08 Work Truck	25,000
11	25-09 Robotic Sewer Inspection Camera	44,000
12	Total Vehicles & Equipment	153,500
13	Structures & Facilities	
14	25-04 6MG Site Canopy	48,750
15	25-05 6MG Site Additional Storage	13,000
16	Total Structures & Facilities	61,750
17	Information Technology	
18	22-01 Financial Software and Implementation	20,000
19	Total Information Technology	20,000
20	Studies & Assessments	
21	24-03 SSMP Update and Spill Response	200,000
22	24-11 Hazard Mitigation Plan	50,000
23	25-03 AWIA Assessment	50,000
24	Total Studies & Assessments	300,000
25	Sewer CIP Total	1,595,250
27	Less: Debts Proceeds for Capital Projects	-
28	Less: Grant Proceeds for Capital Projects	-
29	Sewer CIP Net Paygo Funded	\$ 1,595,250

Key - CIP Budget Details
Projects in green have approved grant-funding and are fully or partially funded by grant proceeds.

East Orange County Water District Capital Budget Summary FY 2024/25

Project ID	Capital Improvement Projects	Project Budget	FY 24 Adopted Budget	FY 25 Proposed Budget	Total Projected Expenditures	Project Status for FY 25
SHARED COST PROJECTS						
22-33	District Headquarters	\$ 8,700,000	\$ 7,500,000	\$ -	\$ 8,500,000	Complete in FY 24
21-45	SCADA System Improvements (Phase II)	885,000	700,000	300,000	810,000	In Progress
22-01	Financial Software and Implementation	150,000	90,000	60,000	144,300	In Progress
24-06	GIS Server	35,100	35,000	-	61,000	Complete in FY 24*
24-12	Skid Steer Attachment	15,000	15,000	-	-	Closed/Cancelled
24-13	Water Loss Control Program	60,000	60,000	-	-	Closed/Cancelled
21-03	Pipeline Replacements	250,000	250,000	-	-	Closed/Cancelled
22-48	Service Lateral Replacements	50,000	50,000	-	-	Closed/Cancelled
24-11	Hazard Mitigation Plan	200,000	25,000	150,000	200,000	Carry Forward, Includes FY26
22-45	Hydrant Replacements 2024	40,000	40,000	-	-	Closed/Cancelled
25-12	Hydrant Replacements 2025	40,000	-	40,000	40,000	New
25-07	District HQ Backup Generator	130,000	-	130,000	130,000	New (Long lead time)
25-08	Field Truck	75,000	-	75,000	75,000	New
25-04	6MG Equipment Canopy	75,000	-	75,000	75,000	New
25-05	6MG Site Additional Storage	20,000	-	20,000	20,000	New
25-03	AWIA Assessment	150,000	-	150,000	150,000	New
25-15	11.5MG Spare Mixer	15,000	-	15,000	15,000	New
Subtotal Shared Fund Projects		10,890,100	8,765,000	1,015,000	10,220,300	
WHOLESALE ONLY						
21-43	Walnut Vault Replacement	1,500,000	200,000	-	1,152,900	Complete in FY 24
23-03	Catholic Protection Improvements	225,000	225,000	-	183,700	Complete in FY 24
22-34	6MG Reservoir Replacement	100,000	100,000	-	90,500	Closed/Cancelled
23-05	Demo Treatment Plant and new storage at 6MG site	430,000	300,000	-	416,300	Completed in FY 24
23-07	6MG Reservoir - Pipeline and Vault Improvements	300,000	300,000	200,000	283,500	Carry Forward
22-51	Wholesale Reservoir Backup Power	260,000	100,000	245,000	258,500	In Progress
21-50	SAC Pipeline Repairs	10,000	10,000	-	-	Closed/Cancelled
24-07	Wholesale Reservoir Management Systems	1,500,000	100,000	1,500,000	1,500,000	Carry Forward and Increase
24-01	Master Plan Update - Wholesale	150,000	150,000	150,000	150,000	Carry Forward
21-02	Valve Replacements	50,000	50,000	-	2,000	Complete in FY 24
25-11	Valve Replacements 2025	NA	-	40,000	40,000	New
Subtotal Wholesale		4,525,000	1,535,000	2,135,000	4,077,400	
RETAIL ONLY						
21-01	Vista Panorama Reservoir (Demolition/Site Imp.)	800,000	800,000	-	643,100	Complete in FY 24
21-05	PFAS Treatment Facility	180,000	10,000	-	78,600	Complete in FY 24
21-06	Vanderwerff Well	5,200,000	1,344,400	-	4,799,500	Complete in FY 24
21-04	Barrett Reservoir Booster Pump Station Replacement	1,720,000	100,000	-	1,543,900	Complete in FY 24
21-11	Brae Glen Pipeline Replacement	700,000	700,000	500,000	696,000	In Progress
22-40	Circula Panorama Pipeline Replacement / Conversion	5,150,000	3,000,000	4,700,000	5,143,900	In Progress
22-18	Orange Knoll PRV Station	160,000	150,000	75,000	158,100	In Progress
21-09	Springwood Drive Pipeline Improvement	100,000	100,000	100,000	100,000	Carry Forward
22-28	East Well Pump and Motor	200,000	200,000	-	-	Closed/Cancelled
22-29	East Well Electrical	150,000	150,000	150,000	150,000	In Progress (Awarded)
22-30	View Ridge New Valve	15,000	15,000	-	-	Complete
22-31	Barrett and Hinton Service Relocations	250,000	100,000	225,000	246,400	In Progress - budget inc. for const.
24-08	Daniger Pump Station Upgrades	250,000	75,000	230,000	250,000	In Progress - budget inc. for const.
24-09	St. Jude/Panorama View Pipeline	250,000	50,000	225,000	244,400	In Progress - budget inc. for const.
24-10	Barrett to Cresthaven Pipeline Replacement	225,000	75,000	75,000	225,000	Carry Forward - budget inc. for const.
24-02	Master Plan Update - Retail	150,000	150,000	150,000	150,000	Carry Forward
21-02	Valve Replacements	80,000	80,000	-	5,000	Complete in FY 24
25-11	Valve Replacements 2025	75,000	-	75,000	75,000	New
25-01	4" Main Replace/Abandon on Hewes & Fowler	100,000	-	100,000	100,000	New
25-02	Automated Meter Replacement	1,200,000	-	1,200,000	1,200,000	New
25-06	Vista Panorama Pump Station	250,000	-	250,000	250,000	New
Subtotal Retail		17,205,000	7,099,400	8,055,000	16,058,900	
SEWER ONLY						
21-20	Browning Rehabilitation	16,935,000	550,000	-	15,598,600	Complete in FY 24**
21-21	Backwater Valve Program	10,000	10,000	-	-	Closed/Cancelled
24-05	Rehabilitate 12" 5 FWY Crossing	100,000	100,000	-	60,000	Complete in FY 24
24-04	Lemon Heights Dr. Lift Station Rehabilitation	60,000	50,000	60,000	60,000	Carry Forward and Increase
24-03	SSMP Update and Spill Response	200,000	130,000	200,000	200,000	Carry Forward, Inc. for Audit Update
21-13	Cured in Place Pipe (CIPP)	300,000	300,000	-	300,000	Complete in FY 24
25-10	Cured in Place Pipe (CIPP) 2025	300,000	-	300,000	300,000	New
21-18	Manhole Additions, Raising, Frames & Covers	500,000	500,000	-	500,000	Complete in FY 24
25-13	Manhole Additions, Raising, Frames & Covers 2025	100,000	-	100,000	100,000	New
21-17	Manhole Rehabilitation/Replacement	100,000	100,000	-	20,000	Complete in FY 24
25-14	Manhole Rehabilitation/Replacement 2025	500,000	-	500,000	500,000	New
25-13	Fallen Leaf Sewer Rehab	100,000	-	100,000	100,000	New
25-09	Robotic Sewer Inspection Camera	44,000	-	44,000	44,000	New
Subtotal Sewer		19,249,000	1,740,000	1,304,000	17,782,600	
TOTAL CIP		\$ 51,869,100	\$ 19,139,400	\$ 12,509,000	\$ 48,139,200	
Less: Debt Proceeds		(20,000,000)	(5,114,000)	(2,000,000)	(22,000,000)	
Less: Grant Proceeds		(2,075,140)	(1,068,000)	(1,000,000)	(3,075,140)	
CIP, Net PAYGO Funded		\$ 29,793,960	\$ 12,957,400	\$ 9,509,000	\$ 23,064,060	

Key - CIP Budget Details

Projects in green have approved grant-funding and are fully or partially funded by grant proceeds.

* GIS Server Expenses exceeded budget due to unforeseen integration complications.

** Browning Rehabilitation FY 24 Actual exceeded FY 24 Budget due to timing of expenses.

CAPITAL IMPROVEMENT BUDGET



BUDGET SUMMARY

Schedule F CIP Budget Summary	Wholesale	Retail	Sewer	Total	Wholesale	Retail	Sewer	Total	A	B	C	D
	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Adopted Budget	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 24 Projected Actuals	FY 25 Proposed Budget	FY 25 Proposed Budget	FY 25 Proposed Budget	FY 25 Proposed Budget
1 Capital Improvement Program (CIP)												
2 Transmission / Distribution System	\$ 1,674,700	\$ 4,855,300	\$ 1,710,000	\$ 8,240,000	\$ 708,100	\$ 772,000	\$ 2,637,000	\$ 4,117,100	\$ 2,243,000	\$ 7,687,000	\$ 1,110,000	\$ 11,040,000
3 District Facilities and Structures	1,572,000	1,164,300	\$ 5,063,600	7,799,900	1,331,800	1,215,400	5,285,700	7,832,900	16,150	17,100	61,750	95,000
4 Wells and Treatment	-	2,504,400	\$ -	2,504,400	-	1,145,000	-	1,145,000	-	150,000	-	150,000
5 Vehicles and Equipment	5,000	5,000	\$ 5,000	15,000	-	-	-	-	60,150	300,350	153,500	514,000
6 Information Technology	35,300	35,300	\$ 54,500	125,100	19,500	19,500	53,000	92,000	20,000	20,000	20,000	60,000
7 Studies and Assessments	158,300	158,300	138,400	455,000	-	-	-	-	200,000	200,000	250,000	650,000
8 Total CIP	3,445,300	8,722,600	6,971,500	19,139,400	2,059,400	3,151,900	7,975,700	13,187,000	2,539,300	8,374,450	1,595,250	12,509,000
9 Less: Debt Funding	-	(1,947,000)	(3,167,000)	(5,114,000)	-	(1,483,326)	(2,894,878)	(4,378,204)	-	(2,000,000)	-	(2,000,000)
10 Less: Grant Funding	-	(1,068,000)	-	(1,068,000)	-	(1,068,000)	-	(1,068,000)	-	(1,000,000)	-	(1,000,000)
11 CIP, Net PAYGO Funded	\$ 3,445,300	\$ 5,707,600	\$ 3,804,500	\$ 12,957,400	\$ 2,059,400	\$ 600,574	\$ 5,080,822	\$ 7,740,796	\$ 2,539,300	\$ 5,374,450	\$ 1,595,250	\$ 9,509,000

- Due to the timing of the Circula Panorama Pipeline Replacement Project, FY24 Projected Actual expenses were lower than expected in the Retail Zone.
- Due to the timing of expenses for the ID1 CRA (Browning) Sewer Project, FY24 Projected Actual expenses higher than expected in the Sewer system.



HIGHLIGHTED COMPLETED PROJECTS FY23-24



OC43 WALNUT VAULT

- This project replaced the existing vault and pipe.
- Current Status
 - The vault construction was completed last August.
 - Additional improvements were needed and will be completed by June 30.
- Financial
 - Budget - \$1.5M
 - Actual - \$1.15M
 - Reimbursements \$465K



VISTA PANORAMA RESERVOIR

- This project removed the existing hydrotank and 1926 concrete reservoir and constructed a new boundary wall, hydrotanks, and water mains.
- Current Status
 - Site improvements complete
 - Future – pump station
- Financial
 - Budget - \$800K
 - Projected Exp. - \$650K



PROJECTS IN PROGRESS



VANDERWERFF WELL AND PFAS TREATMENT PLANT (OCWD)

- This project constructs the VanderWerff Well and PFAS Treatment plant.
- Financial
 - VanderWerff Well: Budget - \$5.2M
\$2.1M Grant Funding
 - PFAS Treatment Plant: Budget \$8.9M (OCWD)
- Current Status
 - Commissioning was started but not completed.
 - Non-performing integrator has been replaced.
- Project Schedule
 - Schedule pending from replacement integrator
- Impacts
 - Material delays
 - SCE delays
 - Non-performing SCADA integrator



BARRETT PUMP STATION REPLACEMENT

- This project replaced the existing Barrett Pump Station.
- Financial
 - Budget - \$1.7M
- Current Status
 - Commissioning was started but not completed.
 - Non-performing integrator was replaced.
- Project Schedule
 - Schedule pending from replacement integrator.
- Impacts
 - Material delays
 - SCE Delays
 - Non-performing SCADA Integrator



DISTRICT HEADQUARTERS REPLACEMENT

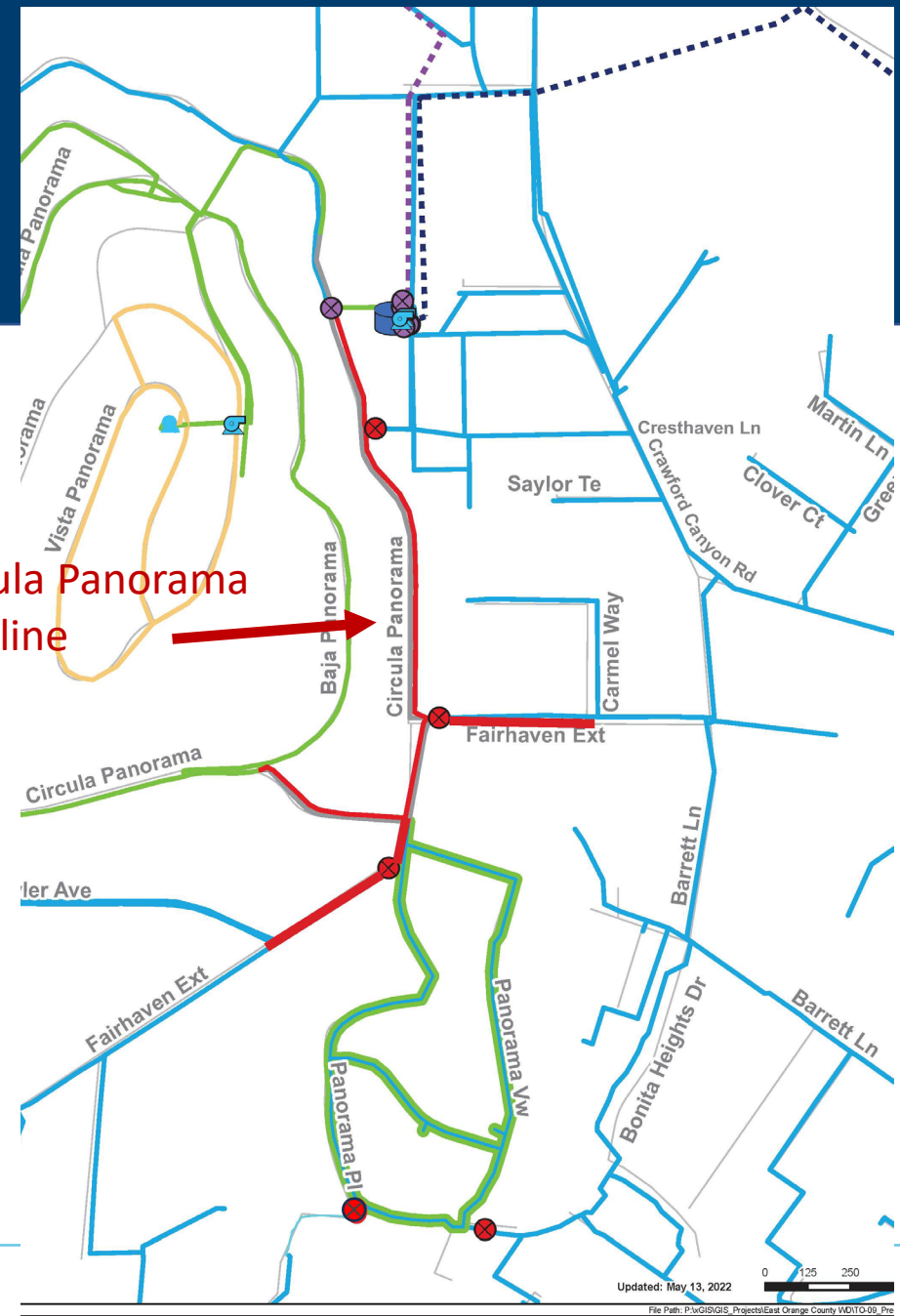
- This project constructs the District HQ Building and site improvements
- Financial
 - Budget - \$8.7M
- Current Status
 - Construction is complete.
- Next Steps
 - Punchlist in progress
- Project Schedule
 - Completion expected in June (exc. generator)
- Impacts
 - Long lead time on backup generator (Nov.)



CIRCULA PANORAMA PIPELINE REPLACEMENT

- This project replaces and upsizes an existing old Zone 3 water pipe and converts it to Zone 2. The project also installs customer PRVs.
- Financial
 - Budget - \$5.2M
- Current Status
 - Customer PRV Installation is 40% complete
 - Pipeline construction is in progress
- Project Schedule
 - Completion est. November 2024
- Impacts
 - Permitting with County – encroachment for potholing and pipeline
 - Coordination with County Storm Drain Project - redesign
 - Material Availability

Circula Panorama Pipeline



HIGHLIGHTED NEW PROJECTS FY24-25



Automated Meter Replacement

- The District's existing meters are direct read.
- This project replaces the direct read meters with advanced Automated Meters (AMI)
- AMI Meters allow data to be collected remotely improving system efficiency and detecting malfunctions.
- It also allows customers to access their meter read data.
- Financial
 - Budget - \$1.2M
 - \$1M Earmark



Wholesale Zone Reservoir Management Systems

- This project replaces the existing trailer mounted reservoir management system with a permanent system at the 11.5MG Andres Reservoir. The existing trailer mounted system will be relocated and installed at the 6MG Reservoir with a new mixing system.
- This is in anticipation of an increase in groundwater production and decrease in imported water and the need to maintain water quality.
- Financial
 - Budget - \$1.5M





MEMO

TO: ENGINEERING AND OPERATIONS COMMITTEE
FROM: GENERAL MANAGER
SUBJECT: SEWER MANHOLE AND WATER VALVE CAN ADJUSTMENT AWARD TO ALL AMERICAN ASPHALT
DATE: JUNE 13, 2024

Background

The County of Orange (County) is scheduled to begin asphalt overlay work in northwest Tustin (North of 17th street). As part of the County's contract, the County's contractor, All American Asphalt (All American), will be lowering 120 District sewer manholes along with 27 water valve cans prior to cold milling the asphalt. The District is responsible for raising the sewer manholes and water valve cans to grade following the County overlay.

The County requires the District to contract direct for this work. Prior to the start of work, at staff's request, All American provided a proposal to perform the final adjustment to finished grade for the District's facilities at a cost of \$156,030. Utilizing the same contractor has many benefits including; project continuity and coordination, handling and storage of manhole frames and covers, utilization of County traffic control plans, consistent quality, and contractor consistency for repair work.

Staff recommends award of a sole-source contract, in the amount of \$156,030, to All American for the sewer manhole and water valve can adjustments.

Recommendation

That the Committee award a contract, in the amount of \$156,030, to All American for construction of the sewer manhole and water valve can adjustments.

Attachment(s): None