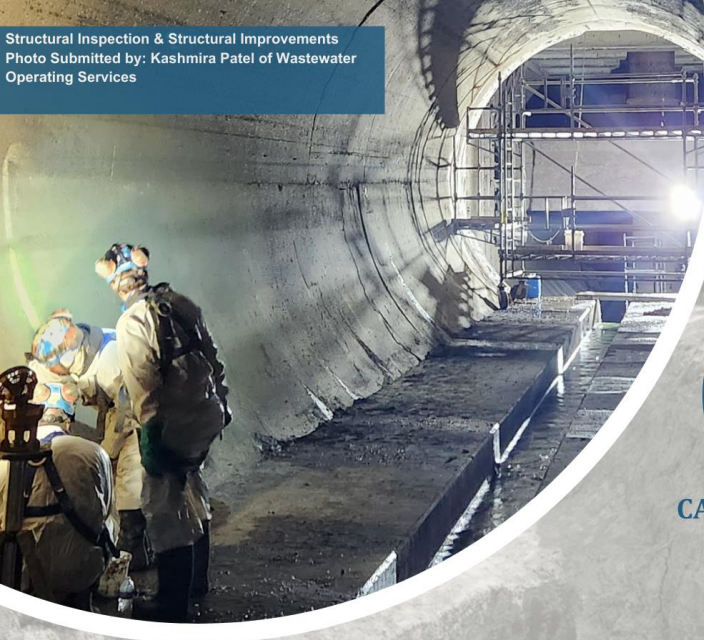




CIP

CAPITAL IMPROVEMENT PLAN
2025-2029

Updated December 1, 2023
Discussion - Draft 2



96-Inch Water Transmission Main Relocation and
Isolation Valve Installations
Photo Submitted by: Corey Brecht
of Water and Field Services



CAPITAL IMPROVEMENT PLAN FY 25-29 DISCUSSION DRAFT 2

Capital Planning Committee Meeting December 12, 2023

Dima El-Gamal, PhD, PE, LEED @ AP.
Capital Improvement Planning Director

Jody Caldwell, PE
Chief Planning Officer

AGENDA



- CIP DISCUSSION DRAFT 1 FEEDBACK
- MAJOR CIP CHANGES SINCE DISCUSSION DRAFT 1
- RECAP AND NEXT STEPS

KEY TAKEAWAYS

💧 Discussion Draft # 1

- 💧 Presented to CPC on October 17, 2023
- 💧 Public comment period on Draft 1 from Oct 18 - Nov 15, 2023

💧 Discussion Draft #2

- 💧 Is complete
- 💧 Published Dec 13, 2023
- 💧 Reflects FY 24 actuals as of October 31, 2023 and PM updates as of Nov 20, 2023

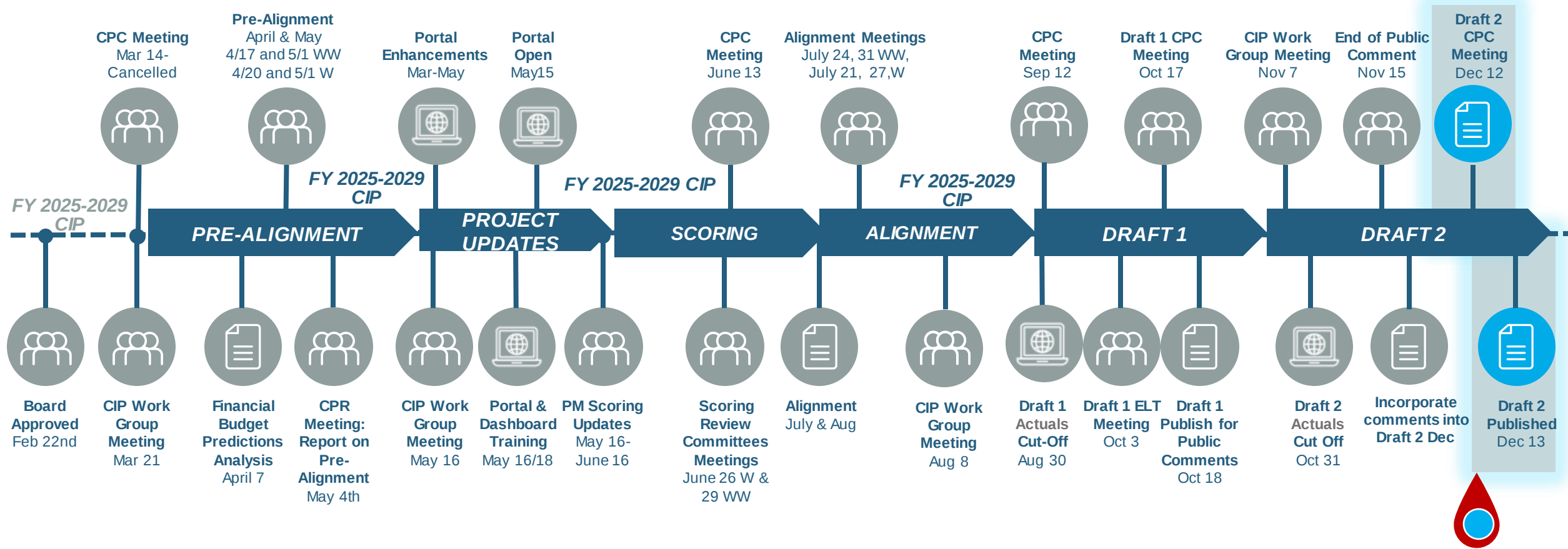
💧 FY 25-29 CIP is in alignment with the GLWA's Financial Plan

💧 Ready to move to the next approval stage

WE ARE HERE TODAY



CIP Delivery Team



We Are Here



CPC – Capital Planning Committee | CIP – Capital Improvement Plan
CPR – Capital Program Review | PM – Project Manager | ELT – Executive Leadership Team



CIP Delivery Team

FY 25-29 DISCUSSION DRAFT #2 FEEDBACK ON DISCUSSION DRAFT #1

FEEDBACK SUMMARY ON DISCUSSION DRAFT #1



- 💧 Document: FY 25-29 CIP Discussion Draft #1
- 💧 FY 25-29 CIP Discussion Draft #1 Release Date: October 18, 2023
- 💧 Public Comments Due Date: November 15, 2023
- 💧 Overall positive feedback FY 25-29 CIP Discussion Draft 1
- 💧 No major comments received during the public comment period





CIP Delivery Team

FY 25-29 DISCUSSION DRAFT #2 CHANGES SINCE DISCUSSION DRAFT #1

FY 25-29 CIP DISCUSSION DRAFT 2 MODIFICATIONS



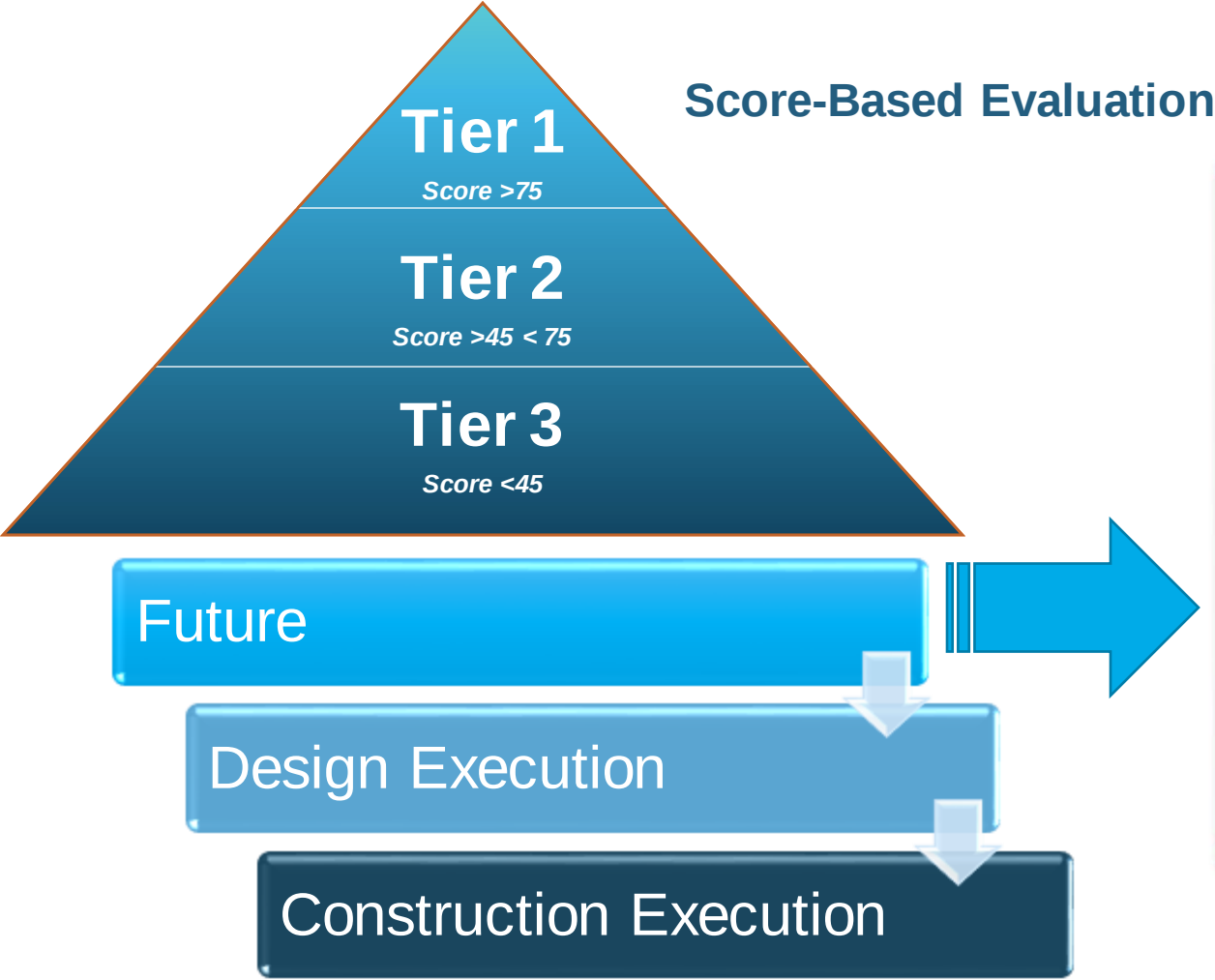
💧 New in Draft #2

- 💧 Added Chapter 4-Finance
- 💧 New Document cover designed and added
- 💧 Amendment to Acknowledgment pages
- 💧 Realtime updates:
 - 💧 Incorporated Actuals as of October 31, 2023
 - 💧 Projects Cost and Schedule updated as of Nov 20, 2023
- 💧 Miscellaneous quality review updates

FY 25-29 CIP PRIORITIZATION



CIP Delivery Team



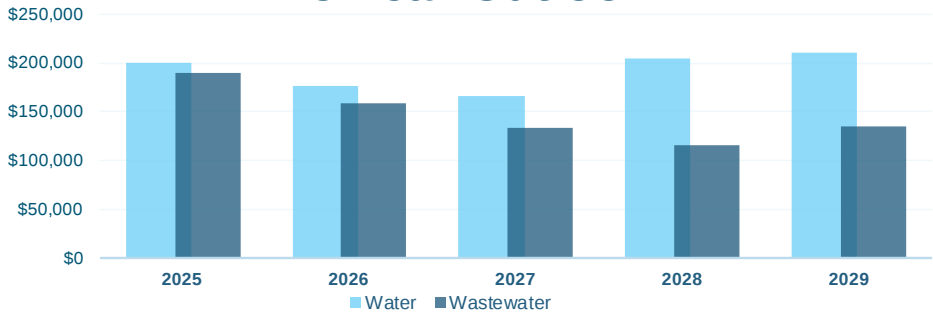
- Holistic Decision Factors
 - Predecessor Projects
 - Delivery Flexibility
 - Funding Source
 - Financial Plan
 - Proactive Planning
 - Constructability
 - Operational Considerations
 - Efficient Resource Allocation
 - Integrated Asset Management

FY 25-29 Discussion Draft 2-CIP AT A GLANCE



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5-Year Outlook

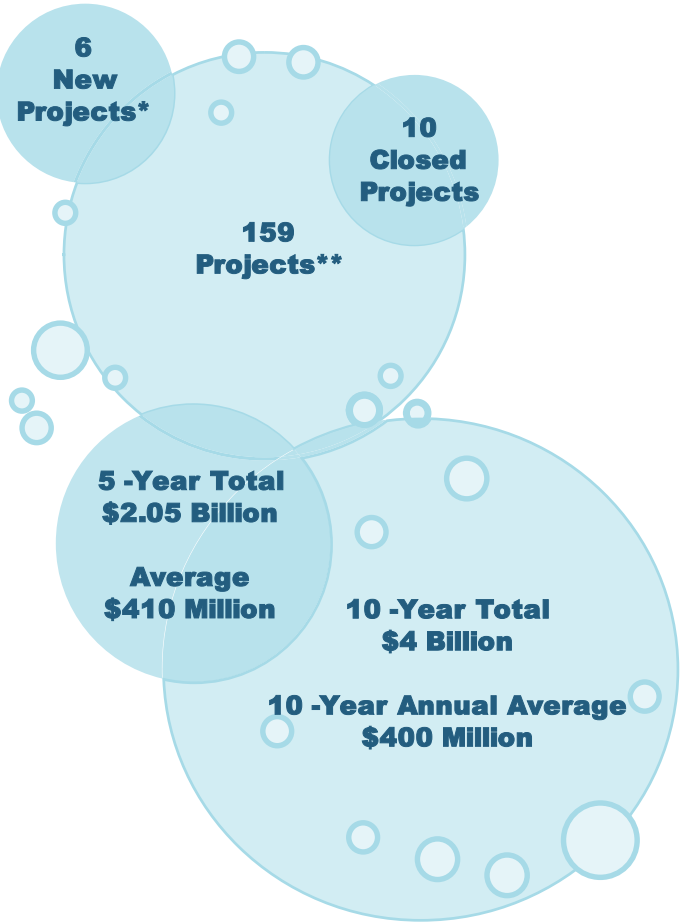


Financial figures in \$1,000s and rounded

Updated from Draft 1*

WATER	
5-Year Total	\$1,071,788
5-Year Average	\$214,358
10-Year Total	\$2,180,458
10-Year Average	\$218,046

WASTEWATER	
5-Year Total	\$982,525
5-Year Average	\$196,505
10-Year Total	\$1,822,439
10-Year Average	\$182,244



*3 NEW PROJECTS FROM PROGRAMS

** IN ADDITION TO THE 159 PROJECTS, THERE ARE:
+2 RECLASSIFIED PROJECTS
+3 CANCELLED PROJECTS



* Based on Oct 31, 2023, Actuals and PM cost and schedule updates as of Nov 20, 2023

FY 25-29 CIP SUMMARY-MODIFICATIONS



CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
Draft #2 Water CIP FY 25-29	\$206,773	\$207,333	\$209,752	\$227,823	\$236,331	\$190,550	\$1,071,788
Draft #1 Water CIP FY 25-29		\$200,445	\$216,667	\$232,717	\$227,364	\$184,305	\$1,061,498
Difference (\$)		\$6,888	-\$6,915	-\$4,894	\$8,966	\$6,245	\$10,291
Difference (%)		3.44%	-3.19%	-2.10%	3.94%	3.39%	0.97%

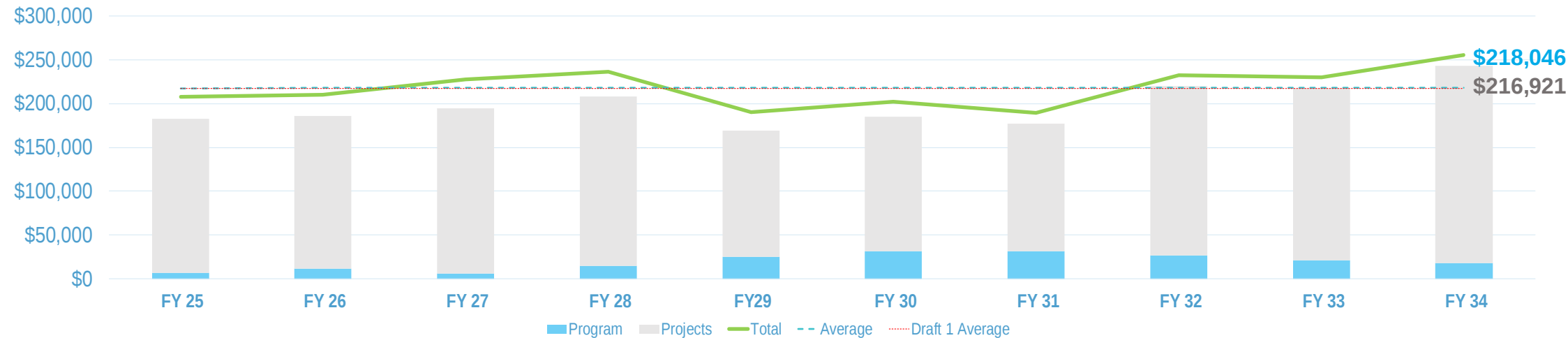
CIP Document	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	5-Year Total
Draft #2 Wastewater CIP FY 25-29	\$158,298	\$169,189	\$212,693	\$216,231	\$201,995	\$182,417	\$982,525
Draft #1 Wastewater CIP FY 25-29		\$180,801	\$188,271	\$214,106	\$198,382	\$178,341	\$959,901
Difference (\$)		-\$11,612	\$24,422	\$2,125	\$3,613	\$4,076	\$22,624
Difference (%)		-6.42%	12.97%	0.99%	1.82%	2.29%	2.36%

FY 25-34 10-YEAR WATER CIP OUTLOOK



	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34
Program	\$42	\$6,684	\$11,752	\$5,785	\$15,233	\$25,192	\$31,442	\$31,416	\$26,840	\$20,942	\$17,752
Projects	\$182,143	\$175,675	\$174,364	\$188,417	\$193,187	\$144,313	\$153,861	\$145,924	\$193,285	\$196,706	\$225,455
Total	\$205,662	\$207,333	\$209,752	\$227,823	\$236,331	\$190,550	\$202,288	\$189,586	\$232,086	\$229,576	\$255,134

10-Year Water CIP Outlook



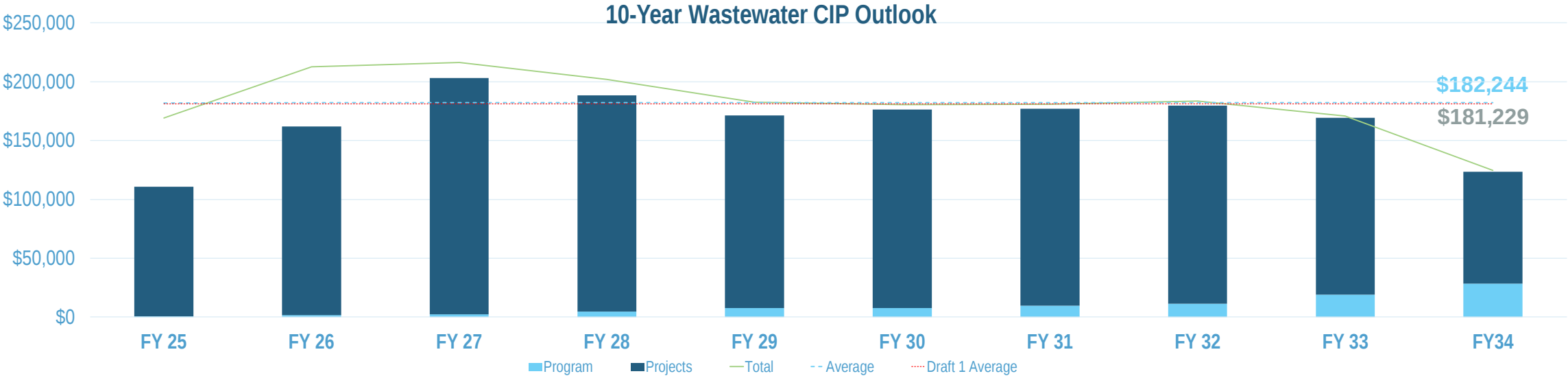
0.92% increase in 10-year average from Draft 1 FY 25-29 CIP (\$ 216,921)

FY 25-34 10-YEAR WASTEWATER CIP OUTLOOK



CIP Delivery Team

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34
Program	\$474	\$712	\$1,741	\$2,241	\$4,700	\$7,531	\$7,531	\$9,812	\$11,259	\$18,996	\$28,429
Projects	\$78,674	\$110,046	\$160,214	\$200,964	\$183,772	\$163,736	\$168,713	\$167,184	\$168,404	\$150,431	\$95,038
Total	\$158,298	\$169,189	\$212,693	\$216,231	\$201,995	\$182,417	\$180,433	\$180,716	\$183,392	\$170,901	\$124,472



0.56% increase in 10-year average from Draft 1 FY 25-29 CIP (\$181,229)



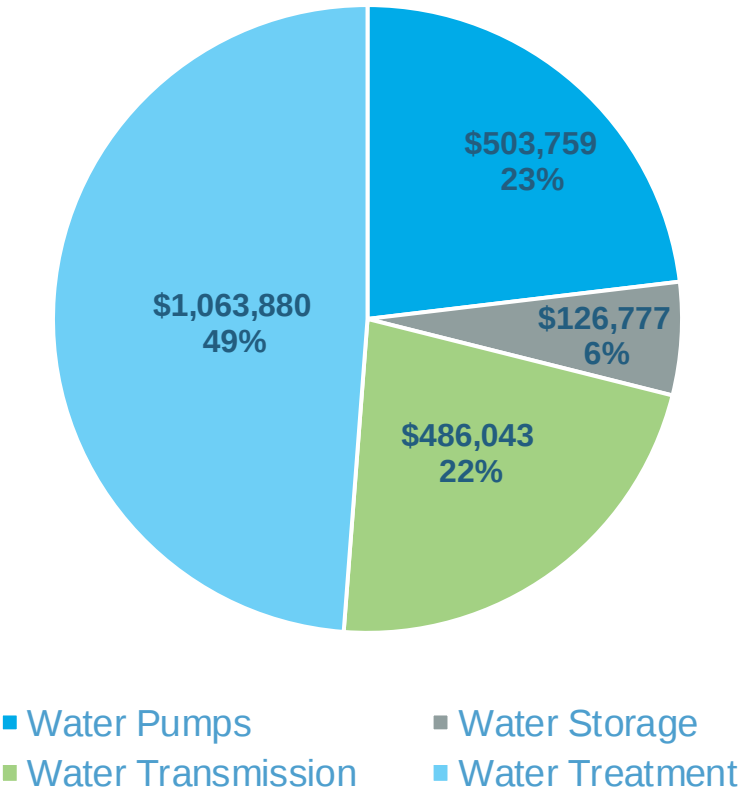
Financial figures in \$1,000s and rounded

FY 25-29 CIP STATISTICS-FUNCTION

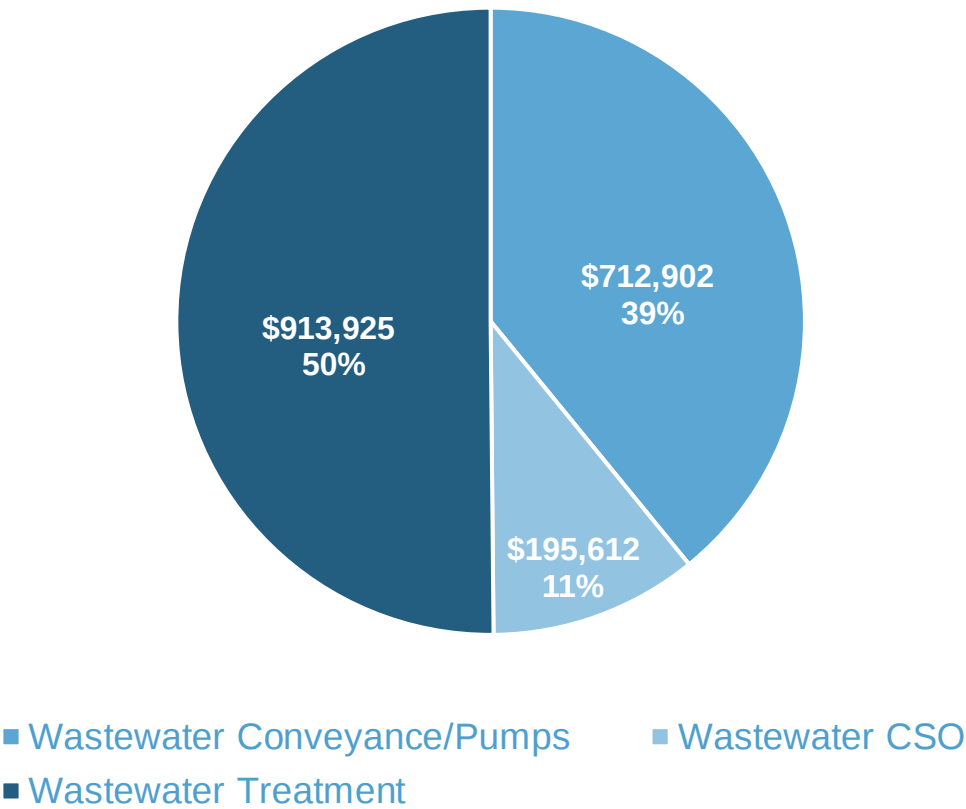


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WATER FY 25-29



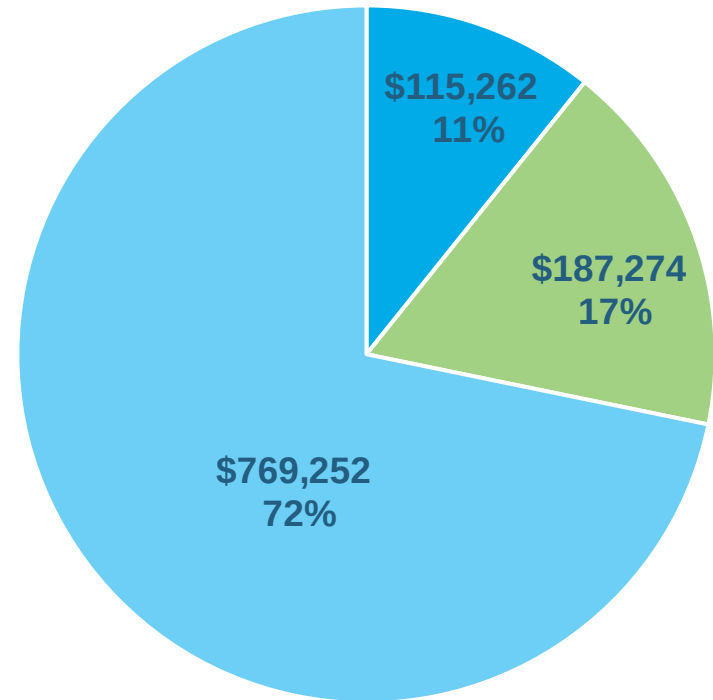
WASTEWATER FY 25-29



FY 25-29 CIP STATISTICS-PROJECT STATUS

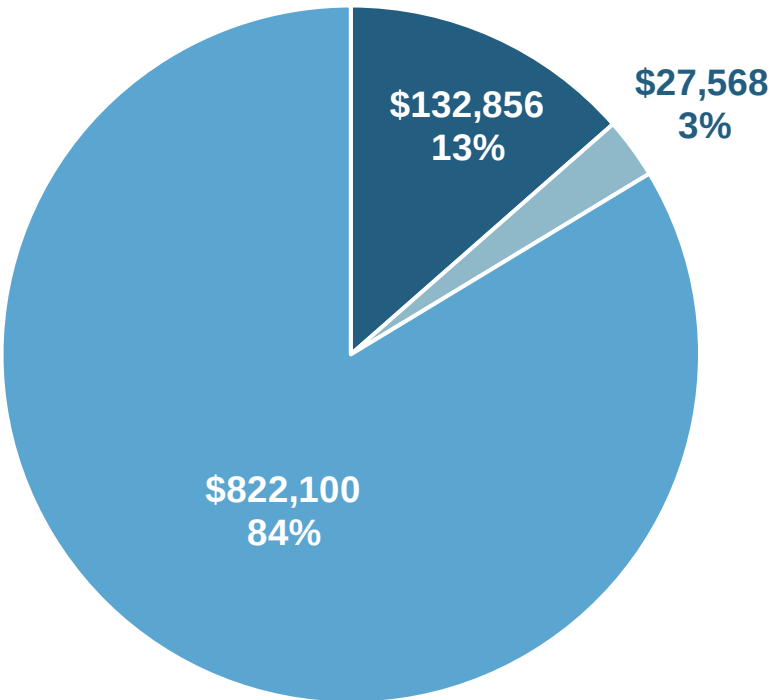


WATER STATUS FY 25-29



- Active Water
- Future Planned Water
- Project Execution Water

WASTEWATER STATUS FY 25-29



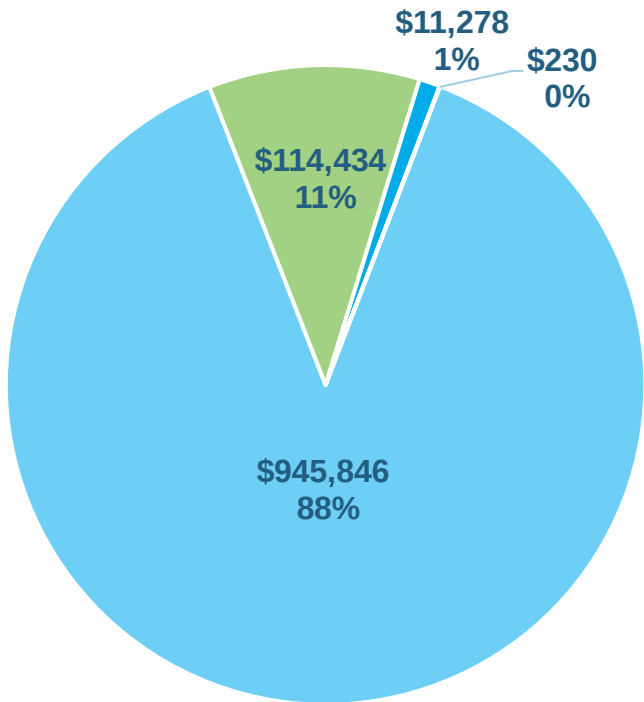
- Active Wastewater
- Future Planned Wastewater
- Project Execution Wastewater

FY 25-29 CIP STATISTICS-SPEND CATEGORY



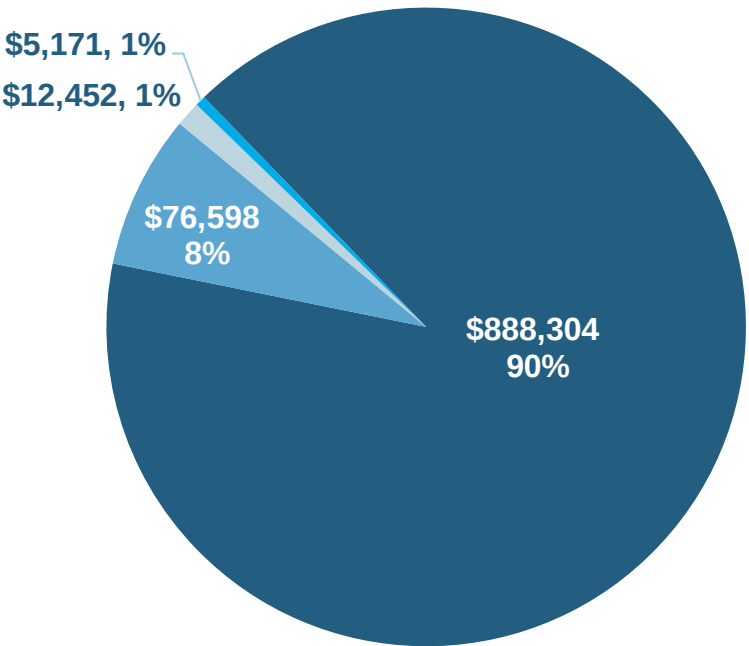
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WATER FY 25-29



- Construction
- Design
- GLWA Salary
- Professional Services

WASTEWATER FY 25-29



- Construction
- Design
- GLWA Salary
- Professional Services



CIP Delivery Team

RECAP & NEXT STEPS

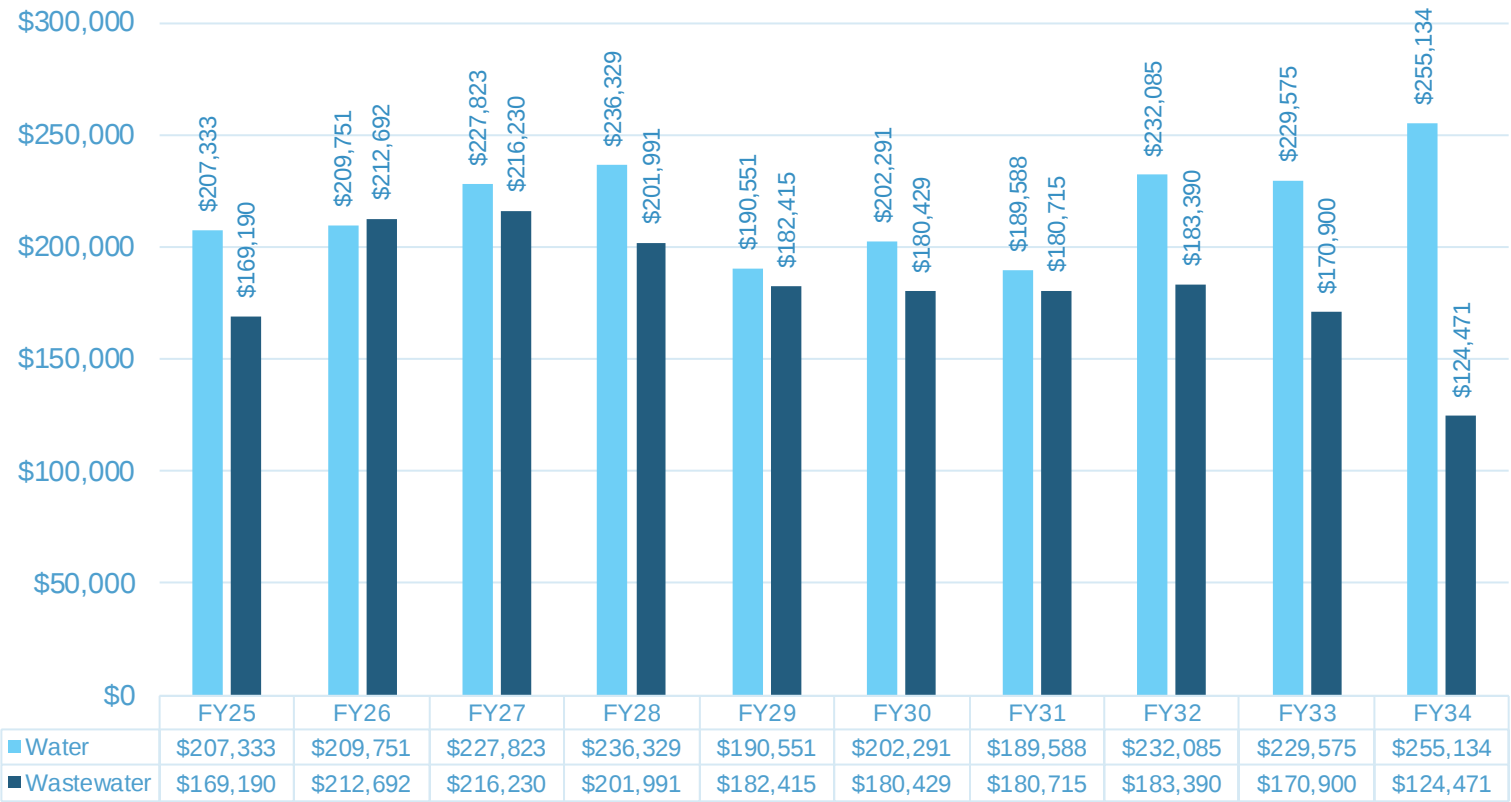
WATER & WASTEWATER CIP FY 25-34

(10YR PROJECTIONS)

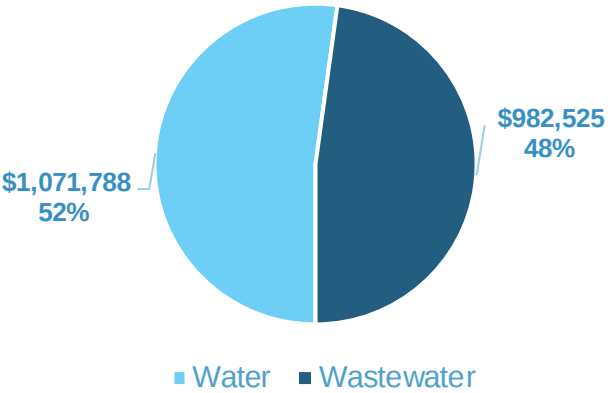


CIP Delivery Team

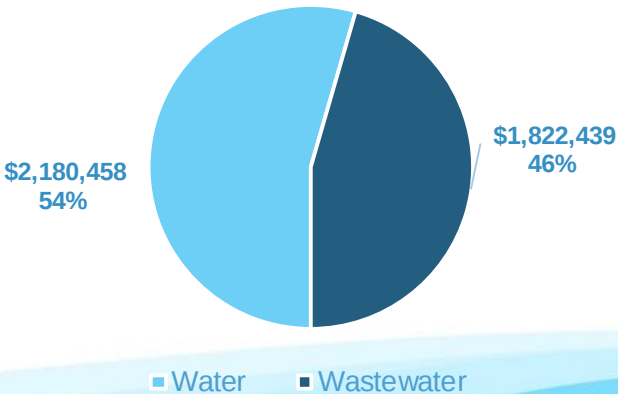
10 Year CIP



CIP FY 25-29 (5 Year) Business Unit



CIP FY 25-34 (10 Year) Business Unit



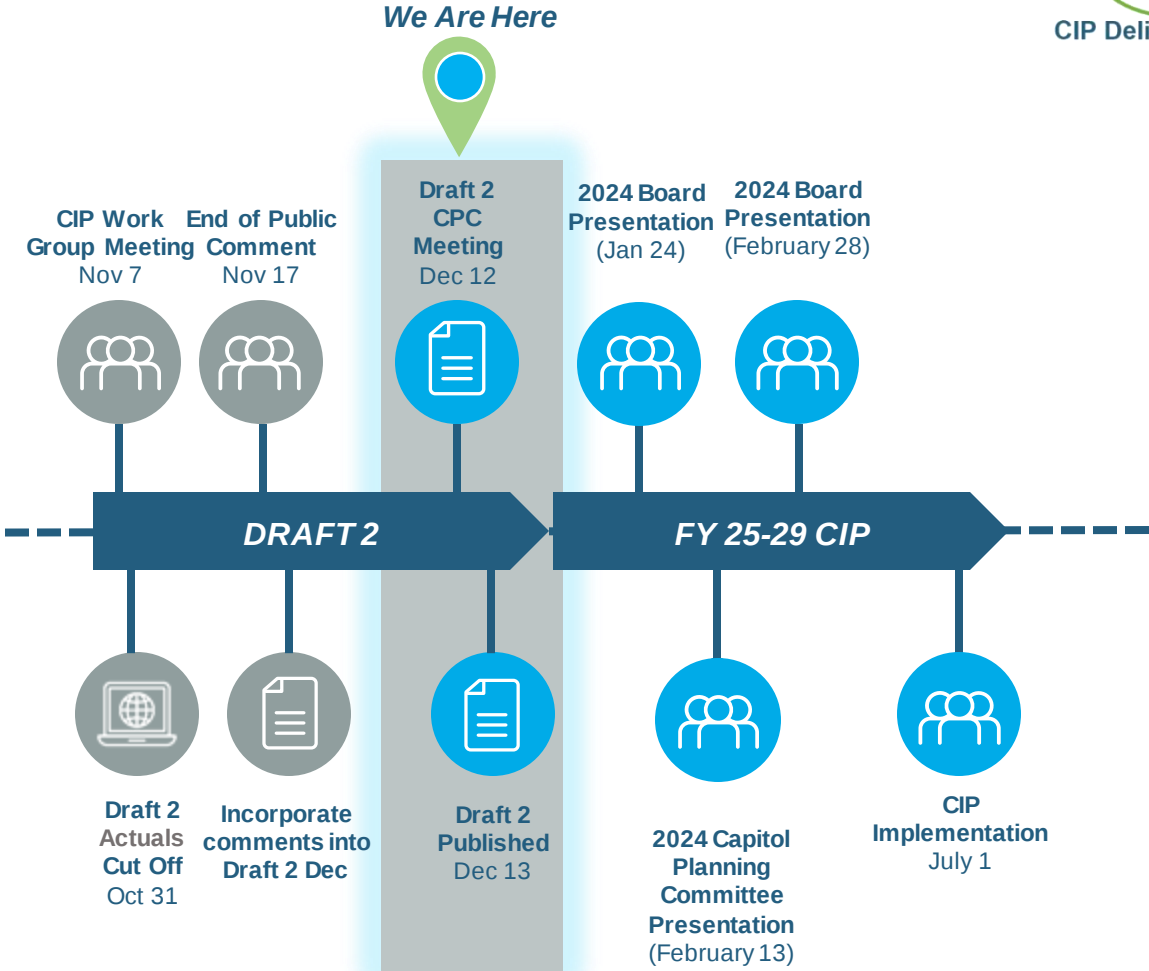
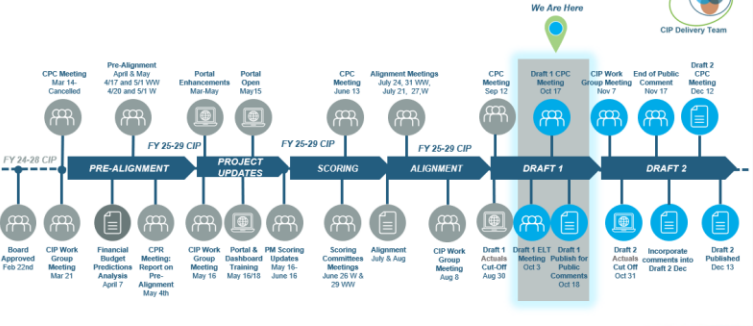
Financial figures in \$1,000s and rounded

FY 25-29 ROADMAP- WHAT'S NEXT



CIP Delivery Team

FY 25-29 ROADMAP- HOW WE GOT HERE



KEY TAKEAWAYS

💧 Discussion Draft # 1

- 💧 Presented to CPC on October 17, 2023
- 💧 Public comment period on Draft 1 from Oct 18 - Nov 15, 2023

💧 Discussion Draft #2

- 💧 Is complete
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💧 FY 25-29 CIP is in alignment with the GLWA's Financial Plan

💧 Ready to move to the next approval stage



CIP Delivery Team

QUESTIONS & THANK YOU