

2027-2031

## CAPITAL IMPROVEMENT PLAN



 **GLWA**  
**CIP**



**Mark Blosstfeld**  
CIP Project # 170802 - Reservoir  
Inspection, Design, and Construction  
Management Services Phase II

# GLWA FY 2027-2031 CAPITAL IMPROVEMENT PLAN

**GLWA Board of Directors Meeting**  
**January 28, 2026**

**Jody Caldwell, PE**  
Chief Planning Officer

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



# AGENDA



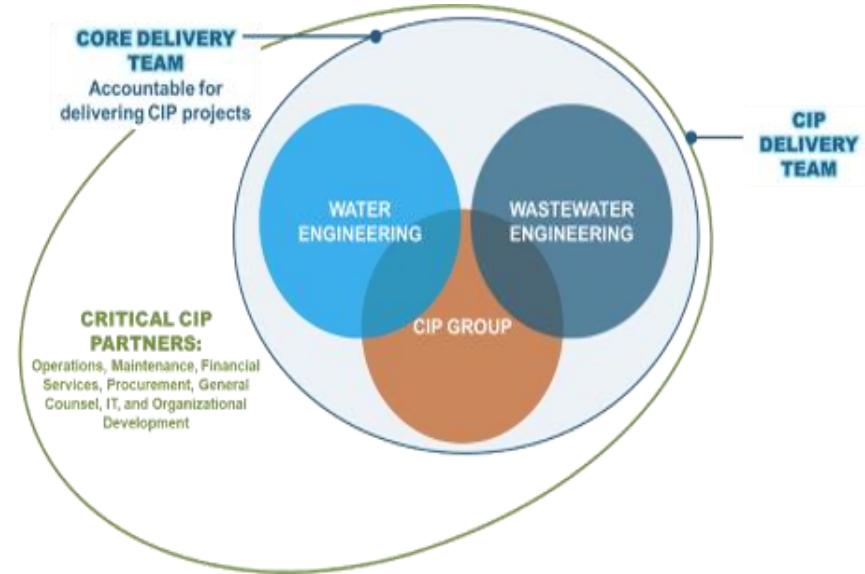
- KEY TAKEAWAYS
- FY 2027-2031 CIP ROADMAP
- FY 2027-2031 CIP HIGHLIGHTS
  - CIP at a Glance
  - Capital Spend Ratio-Financial Plan
  - Water and Wastewater Summaries
- NEXT STEPS
- QUESTIONS

# AGENDA



# KEY TAKEAWAYS

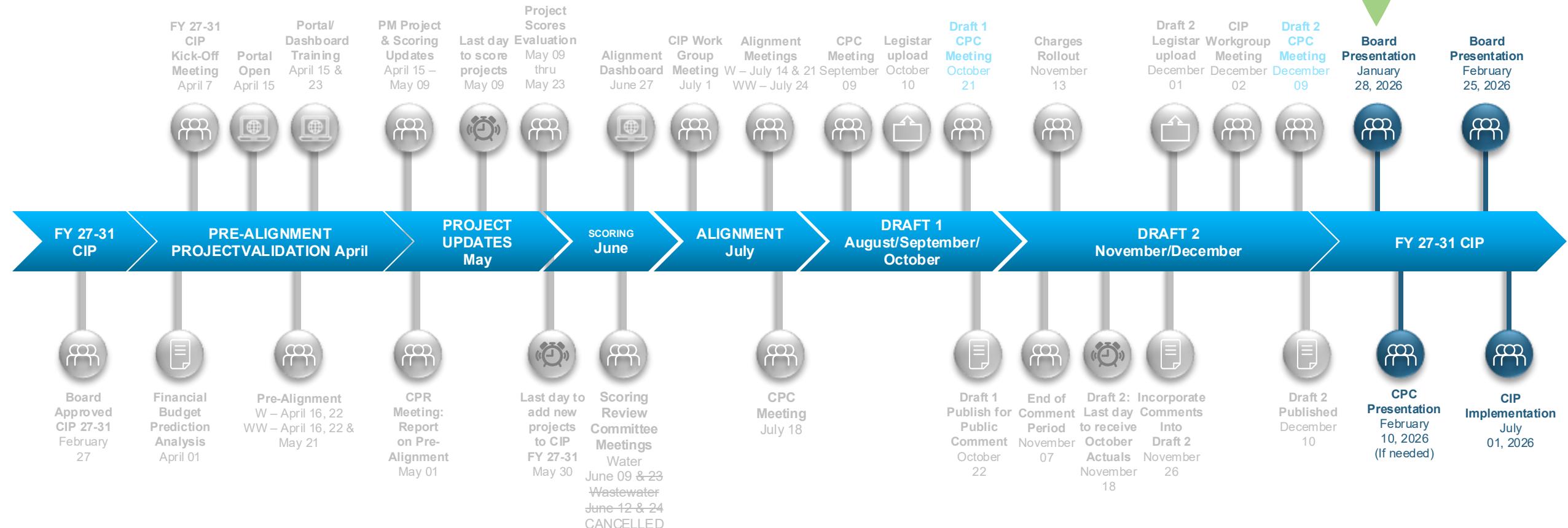
- ◆ Five-year document with a 10-year outlook
- ◆ Opportunities for Stakeholders to provide input during development
- ◆ Presented to Capital Planning Committee (CPC) on Dec 9, 2025
- ◆ The CPC recommended board approval of the plan
- ◆ Needed projects from all areas of the organization to promote redundancy, resiliency, public health and safety
- ◆ Conformance with recommendations from planning documents and meets regulatory and operational needs
- ◆ In consideration of GLWA's 10-year Financial Plan, the FY 2027-2031 CIP:
  - ◆ Reflects forecasts of the System's overall needs
  - ◆ Includes a Capital Spend Ratio (CSR) to mitigate the impacts of potential project complexities and resource limitations (Vendors and GLWA)



# FY 2027-2031 ROAD MAP- HOW WE GOT HERE



We Are Here



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

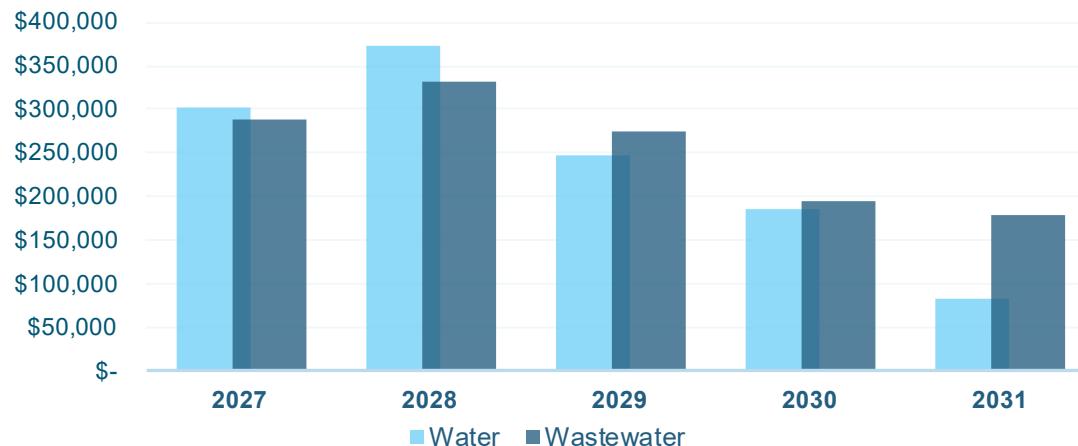
# FY 2027-2031 CIP HIGHLIGHTS



# FY 2027-2031 DISCUSSION - CIP AT A GLANCE



## 5-Year Outlook

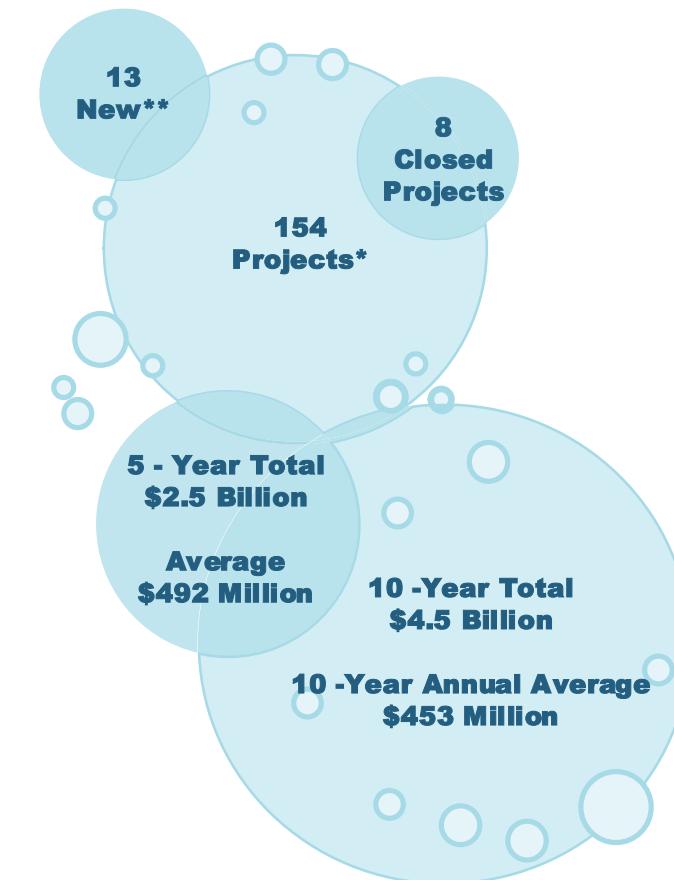


	WATER	WASTEWATER
5-Year Total	\$1,191,063	\$1,268,361
5-Year Average	\$238,213	\$253,627
10-Year Total	\$2,315,662	\$2,211,008
10-Year Average	\$231,566	\$221,101

Financial figures in \$1,000s and rounded

\*Based on September 30, 2025, actuals and PM cost and schedule updates as of October 24, 2025

\*\*1 Project + 3 New Emergency projects added



# CAPITAL SPEND RATIO – FINANCIAL PLAN



- GLWA Board Policy adopted November 28, 2018, “Capital Program Spend Rate Assumption Policy”
  - Annually, a projected spend rate assumption for the financial plan related to the proposed capital improvement plan will be established based upon pertinent factors and data available at that time. Such pertinent factors and data will include the mix of projects and phases in the proposed CIP, interdependency risk, criticality, and other measures provided by the GLWA team members that develop and manage the CIP projects. That spend rate assumption will be presented to the Audit Committee no later than December 31st each year after the GLWA Board, Capital Improvement Planning Committee, and member partners have had the opportunity to review the draft capital improvement plan.
- Spend rate assumptions in the current financial plan (as of January 9, 2026) vary from year to year. Over the course of the ten year plan the lowest is at 80% and the highest is 100%.

CSR by Fiscal Year											
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
<b>Water</b>	100%	87%	81%	93%	100%	100%	100%	100%	100%	100%	100%
<b>Wastewater</b>	90%	88%	84%	85%	94%	100%	95%	100%	100%	100%	100%

- Forecasted CIP expenditures in the ten-year plan are rounded up to the nearest \$5 million to recognize the dynamic nature of the CIP.

CIP Financing by Fiscal Year (in millions)											
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
<b>Water</b>	\$185	\$265	\$305	\$230	\$190	\$85	\$190	\$235	\$240	\$255	\$220
<b>Wastewater</b>	\$240	\$255	\$280	\$235	\$185	\$180	\$135	\$115	\$160	\$255	\$280

# WATER FY 2027-2031 CIP SUMMARY



CIP Document	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Total
Proposed Water CIP FY 2027-2031	\$183,743	\$302,768	\$372,646	\$246,750	\$186,818	\$82,080	\$1,191,063

	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Avg
Proposed CSR % FY 2027-2031	100%	87%	81%	93%	100%	100%	92%

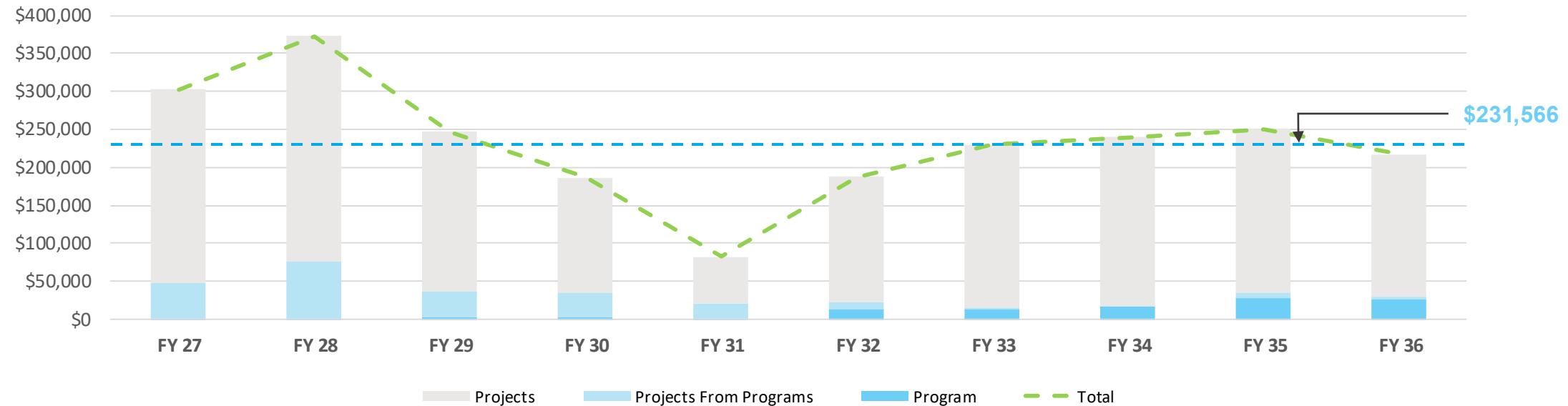
Financial Plan	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Total
Approved Water CIP FY 2026-2030	\$183,064	\$233,120	\$285,942	\$230,461	\$150,642	\$160,957	\$1,082,229
Proposed Water CIP FY 2027-2031 w/ CSR		\$263,409	\$301,843	\$229,477	\$186,818	\$82,080	\$1,063,627
Difference with CSR \$		(\$30,289)	(\$15,901)	\$984	(\$36,176)	\$78,877	\$18,602

Financial figures in \$1,000s and rounded

# WATER FY 2027-2036 – 10 YEAR CIP OUTLOOK



Program Category	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	FY 35	FY 36
Program	\$0	\$518	\$1,018	\$3,547	\$3,547	\$1,589	\$13,478	\$13,807	\$17,541	\$28,436	\$26,825
Projects	\$125,263	\$254,439	\$295,495	\$210,345	\$151,584	\$60,814	\$164,497	\$215,005	\$221,154	\$215,558	\$186,696
Projects From Programs	\$58,470	\$47,812	\$76,134	\$32,858	\$31,688	\$19,678	\$9,593	\$1,194	\$521	\$6,580	\$3,714
<b>Total</b>	<b>\$183,733</b>	<b>\$302,768</b>	<b>\$372,646</b>	<b>\$246,750</b>	<b>\$186,818</b>	<b>\$82,080</b>	<b>\$187,568</b>	<b>\$230,006</b>	<b>\$239,216</b>	<b>\$250,574</b>	<b>\$217,235</b>



**~4.52% increase in 10-year average from FY 2026-2030 CIP (\$221,692)**

Financial figures in \$1,000s and rounded

# WASTEWATER FY 2027-2031 CIP SUMMARY



CIP Document	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Total
Proposed Wastewater CIP FY 2027-2031	\$262,279	\$287,641	\$330,945	\$274,411	\$195,686	\$179,678	\$1,268,361

	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Avg
Proposed CSR % FY 2027-2031	90%	88%	84%	85%	94%	100%	90%

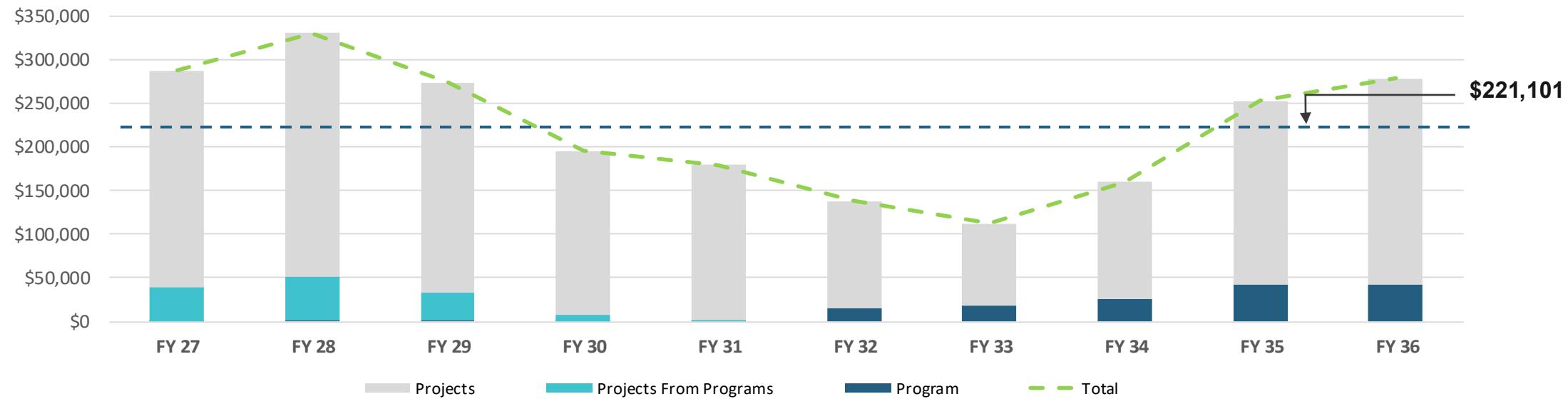
Financial Plan	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	5-Year Total
Approved Wastewater CIP FY 2026-2030	\$193,221	\$291,841	\$337,800	\$261,115	\$187,625	\$155,511	\$1,271,602
Proposed Wastewater CIP FY 2027-2031 w CSR		\$253,124	\$277,994	\$233,249	\$183,945	\$179,678	\$1,127,990
Difference with CSR \$		\$38,717	\$59,806	\$27,866	\$27,866	(\$24,167)	\$143,612

Financial figures in \$1,000s and rounded

# WASTEWATER FY 2027-2036 – 10 YEAR CIP OUTLOOK



Program Category	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	FY 32	FY 33	FY 34	FY 35	FY 36
Program	\$0	\$115	\$2,168	\$2,162	\$15	\$515	\$14,589	\$18,214	\$25,990	\$42,753	\$42,172
Projects	\$202,031	\$248,513	\$279,593	\$240,582	\$188,796	\$177,478	\$123,369	\$94,155	\$133,905	\$210,481	\$237,019
Projects From Programs	\$60,166	\$39,014	\$49,184	\$31,668	\$6,876	\$1,686	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$262,197</b>	<b>\$287,641</b>	<b>\$330,945</b>	<b>\$274,411</b>	<b>\$195,686</b>	<b>\$179,678</b>	<b>\$137,958</b>	<b>\$112,368</b>	<b>\$159,895</b>	<b>\$253,234</b>	<b>\$279,192</b>



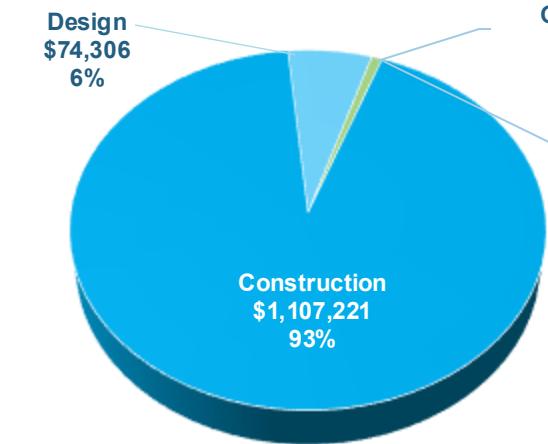
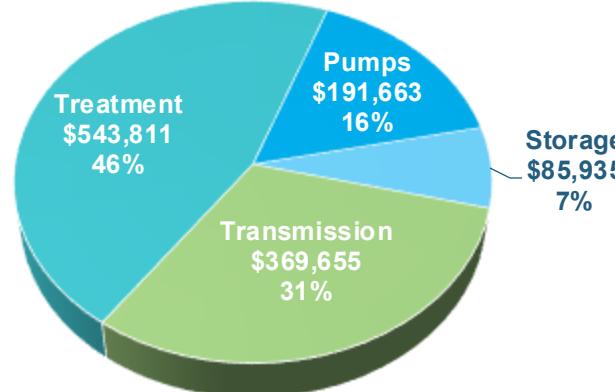
**~4.7% increase in 10-year average from FY 26-30 CIP (\$211,283)**

Financial figures in \$1,000s and rounded

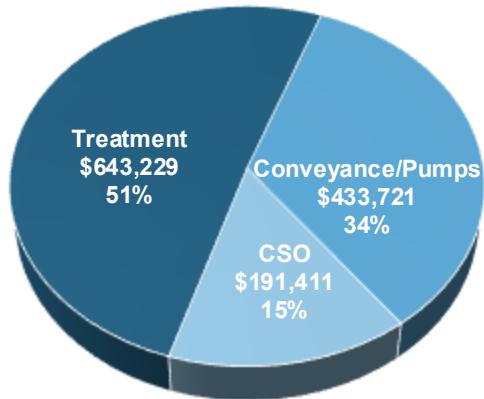
# FY 2027-2031 CIP STATISTICS AND RECAP



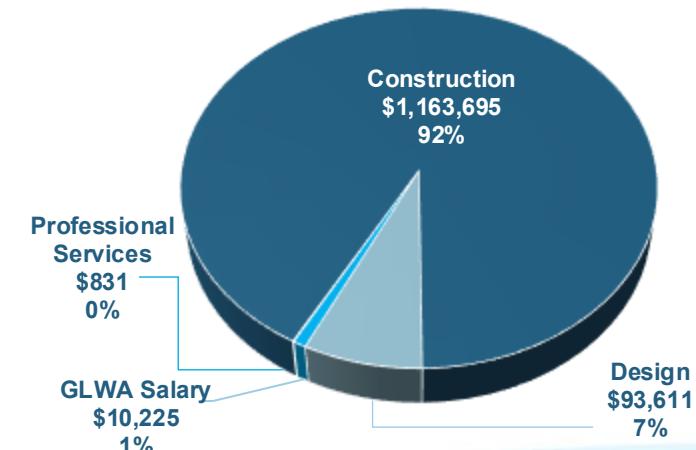
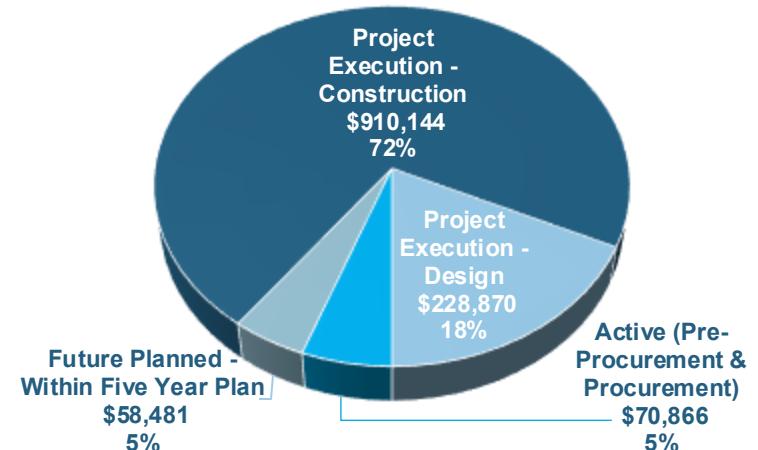
## WATER



## WASTEWATER



Financial figures in \$1,000s and rounded



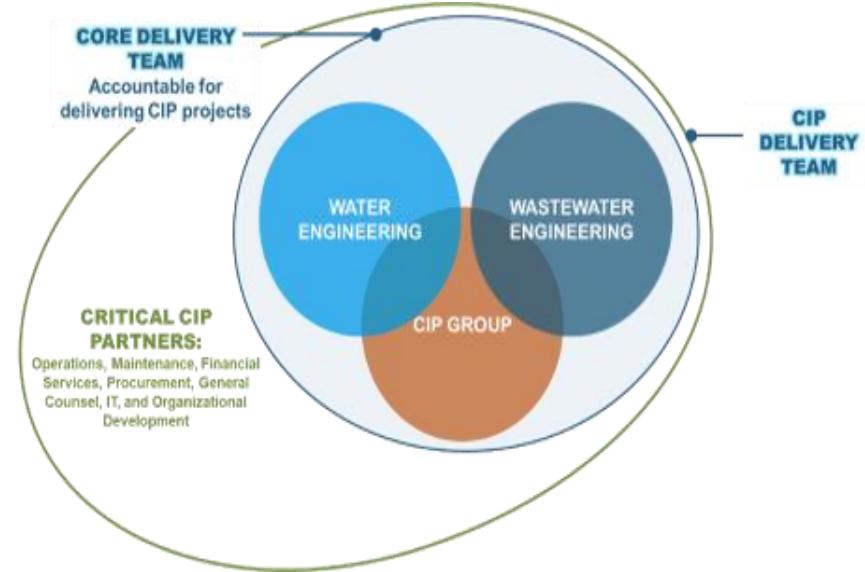


# NEXT STEPS



# KEY TAKEAWAYS

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# QUESTIONS & THANK YOU



CIP Delivery Team