

GLWA FY 2023–2027 Capital Improvement Plan

GLWA Board of Directors Meeting January 26, 2022, 2:00 p.m.

Jody Caldwell
Interim Chief Planning Officer

Dima El-GamalCapital Improvement Program Directo

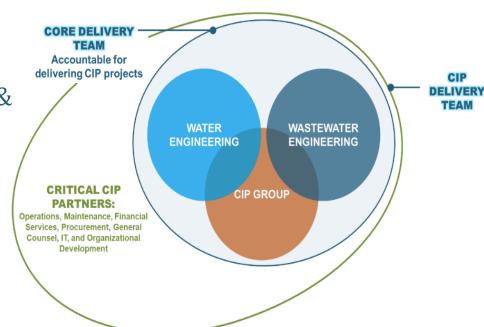


OVERVIEW

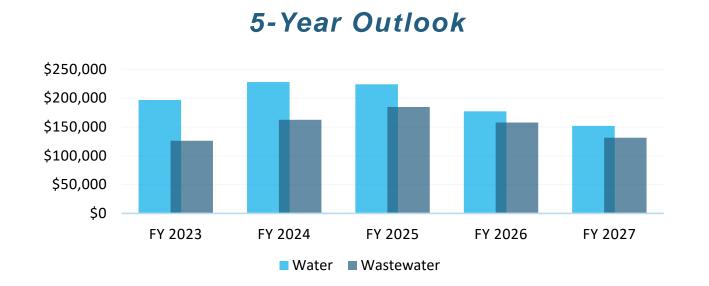
- Five-year looking forward document with a 10-year outlook
- CIP alignment with GLWA's overall Financial Plan
- Stakeholder Input Opportunities for Board, Member Partners & vendor community to provide input during development
- Compilation of projects from all areas of the organization
- Address projects that promote improved redundancy, system resiliency, and health & safety
- Conformance with recommendations of long-term master plans
- Meet regulatory and operational needs

The goal of the CIP is to provide regional collaboration & planning to balance capital expenditures demands without compromising our mission to "implement best practices in the treatment and transmission/conveyance of water and wastewater".





FY 2023-2027 CIP SUMMARY



WATER	(\$1,000'S)					
5-Year Total	\$965,648					
5-Year Average	\$193,130					
10-Year Total	\$1,881,683					
10-Year Average	\$188,168					

WASTEWATER	(1,000'S)				
5-Year Total	\$761,764				
5-Year Average	\$152,353				
10-Year Total	\$1,381,808				
10-Year Average	\$138,181				

38 New Projects*

182 Projects*

20 Closed **Projects**

NOTE:

18 NEW PROJECTS FROM **PROGRAM**

IN ADDITION TO THE 181 PROJECTS, THERE ARE: +7 RECLASSIFIED PROJECTS +1 CANCELLED PROJECT

5-Year **Total** \$1.73 **Billion**

5-Year Annual Average

\$345 Million

10-Year **Total** \$3.26 Billion

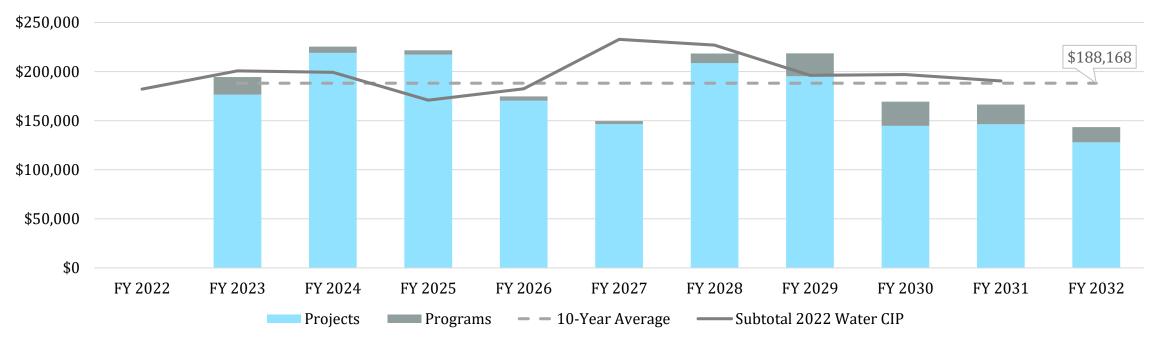
10-Year Annual Average \$326 Million



FY 2023-2032 10-YEAR WATER CIP OUTLOOK

Total	\$194,376	\$225,436	\$221,616	\$174,681	\$149,539	\$218,354	\$218,503	\$169,253	\$166,436	\$143,489
Programs	\$17,912	\$6,456	\$4,387	\$4,380	\$3,065	\$9,760	\$23,190	\$24,595	\$20,059	\$15,479
Projects	\$176,463	\$218,980	\$217,229	\$170,301	\$146,474	\$208,594	\$195,313	\$144,658	\$146,377	\$128,010
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032

10- Year Water CIP Outlook

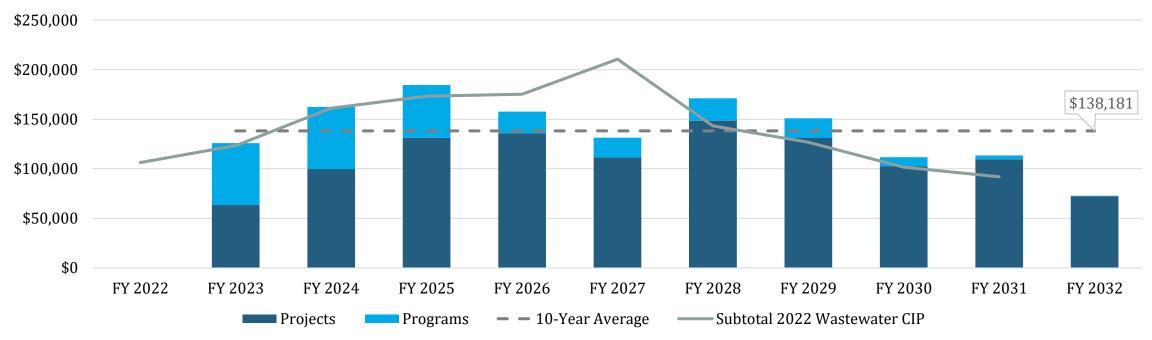




FY 2023-2027 10-YEAR WASTEWATER CIP OUTLOOK

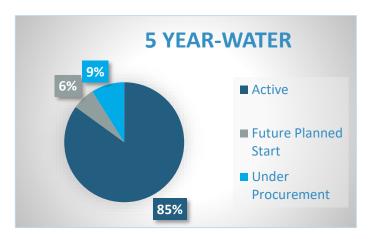
	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032
Projects	\$63,409	\$99,807	\$131,168	\$135 <i>,</i> 845	\$111,536	\$148,525	\$131,078	\$102,649	\$109,590	\$72,232
Programs	\$62,524	\$62,506	\$53,354	\$21,844	\$19,771	\$22,543	\$19,880	\$9,058	\$3,894	\$594
Total	\$125,932	\$162,313	\$184,523	\$157,689	\$131,307	\$171,068	\$150,958	\$111,707	\$113,484	\$72,826

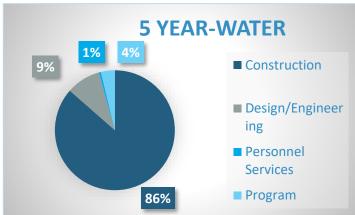
10-Year Wastewater CIP Outlook



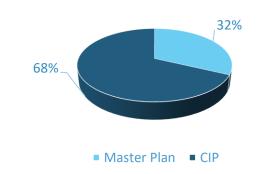


FY 2023-2027 CIP STATISTICS





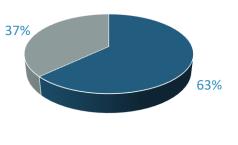








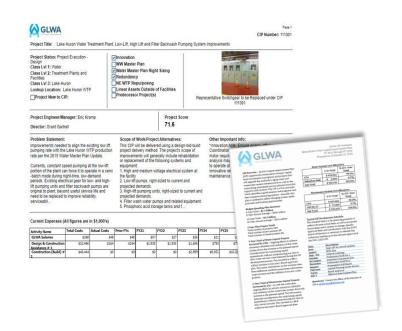


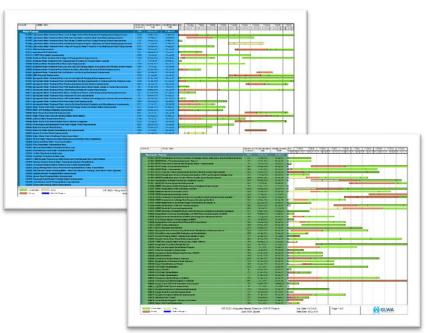


■ Flood Mitigation ■ CIP



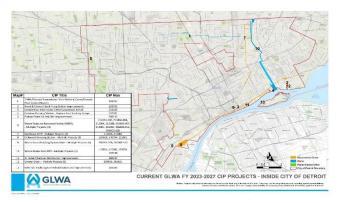
CIP FEATURES





BUSINESS CASE EVALUATION (BCE) AND ONE PAGE SUMMARIES

INTEGRATED MASTER SCHEDULE (IMS)





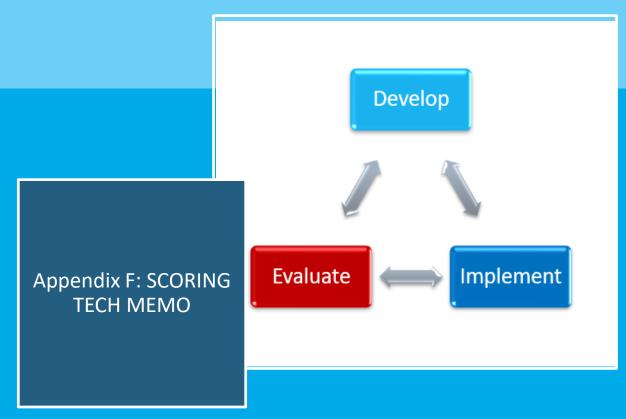
GIS MAPS- CITY OF DETROIT (COD)/ ALL COUNTIES



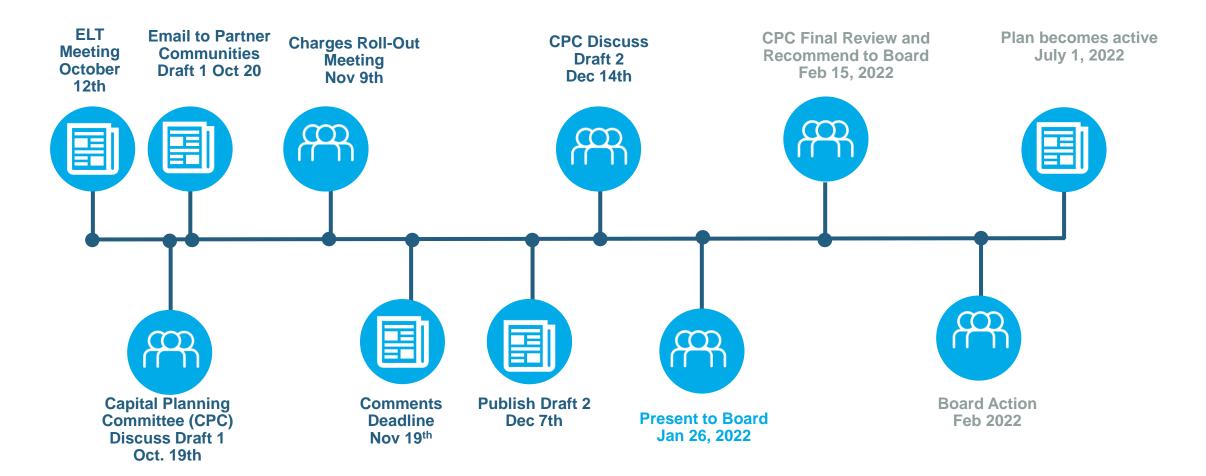








FY23-27 CIP SCHEDULE & NEXT STEPS







Thank you

Questions and Discussion