

Water Main Rehab & Improvement: FY26-FY30 (UE26)



Description: This sustainable program plans, designs, and constructs improvements to water mains, tanks, and other elements of the city's aging water system. Tasks include increasing fire flows; inspecting and assessing the 24-inch transmission main; rehabilitating existing tuberculated pipes, valves, vaults, and appurtenances; increasing the diameter of undersized pipes; connecting dead-end pipe segments; and replacing pipes with a history of frequent water main breaks.

Changes from Previous Year: None.

Current Project Appropriations

Prior Appropriations:	-
Less Expended as of 4/15/25:	-
Total Carryover:	-
New Funding:	3,220,500
Total FY 2026 Appropriations:	3,220,500

Guiding Principle: Stewardship of the Env. and Infrastructure

Mandate/Plan: Safe Drinking Water Act; 2008 Water Dist. System Master Plan; Comprehensive Plan

Anticipated Project Outcome: Sustainable water distribution system infrastructure resulting in improved fire flows, increased revenue, improved system reliability, and safe drinking water compliant with federal and State regulations.

Project Timeline and Total Cost by Type: No change.

Type	Estimated Start		Estimated Completion		Estimated Cost (FY 2026 through FY 2030 only)			
	Original	Current	Original	Current	Original	Current	\$ Change	% Change
Planning / Design	FY 2026	FY 2026	FY 2030	FY 2030	1,192,500	1,192,500	-	-
Construction	FY 2026	FY 2026	FY 2030	FY 2030	13,675,500	13,675,500	-	-
Other	-	-	-	-	-	-	-	-
Project Total (\$):					14,868,000	14,868,000	-	-

Project Funding: This program is fully funded and includes a \$805,500 grant and \$2.415 million loan in the FFY 2024 DWSRF program. This project is considered a routine capital maintenance project and is funded in five year increments.

Source	Prior	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future	Total
Bonds (Wtr)	-	2,415,000	400,000	3,472,500	3,707,000	4,068,000	-	14,062,500
Grants (Wtr)	-	805,500	-	-	-	-	-	805,500
Total Funded (\$)	-	3,220,500	400,000	3,472,500	3,707,000	4,068,000	-	14,868,000
Unfunded (Wtr)	-	-	-	-	-	-	-	-
Total w/Unfunded (\$)	-	3,220,500	400,000	3,472,500	3,707,000	4,068,000	-	14,868,000

Operating Cost Impact: No measurable impact.

Fund	Prior	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future	Total
Water	-	-	-	-	-	-	-	-

Project Manager: Gina Arnett, Senior Civil Engineer, 240-314-8517.

Notes: FY 2026 work includes design and construction of projects in various locations including within the Twinbrook Disadvantaged Community census tract. The proposed work each year is based on a prioritized list of specific water main rehabilitation and improvement projects, with cost estimates derived from recent projects.