

CAPITAL IMPROVEMENT PLAN FY2024 - FY2028

PROGRAM: WATER

Program Priority: **3**

PROJECT NAME: Waterline Upgrades & Replacement

CIP NUMBER: WT1904

CONTACT PERSON: Chris Svahn/Jody Hooks

PROJECT COST BY FISCAL YEAR

Project Cost	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Planning/Design	1,742,162	222,500	200,000	200,000	200,000	200,000	200,000	\$2,964,662
Land	71,728							\$71,728
Construction	6,745,811	3,350,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	\$21,595,811
Equip/Furnishings								\$0
Total Cost	\$8,559,701	\$3,572,500	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$24,632,201

FUNDING SOURCE BY FISCAL YEAR

Funding Source	Previously Appropriated	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Future Years	Total
Prior Bonds	495,637							\$495,637
Future Bonds								\$0
Potential Grant(s)	2,729,523	50,000						\$2,779,523
Park Dedication Fees								\$0
4B Funding								\$0
CRF Funds								\$0
Other: Fund 1055	5,334,541	3,522,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	\$21,357,041
Total Funding	\$8,559,701	\$3,572,500	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$24,632,201

PROJECT DESCRIPTION

This project is an annual program consisting of the engineering, evaluation, and strategic replacement of water distribution lines identified as a priority throughout the city. Areas listed annually are addressed based on priority and available funding.

FY2024: (1) Construct Pecan Forest, Highland Terrace, Clear Creek Heights subdivisions and Boden & Bern streets; (2) Final design 10-inch water main on FM518 between (SH3 & FM270)- partially funded from SETH grant \$50k; (3) If funding permits, construct Mary Lane & Tallow Forest Service Area Connection – (This is in conjunction with the Mary Ln & Tallow Forest Lift Station WW1901); (4) Lead Service Replacement (EPA LCRR Mandate) Design \$22,500 & Construction \$150,000.

FY2025: (1) Construct 10-inch water main on FM518 between (SH3 & FM270); (2) design 16-inch waterline from Davis Rd to Signature Point; (3) If funding permits, design and construct SH3 8" WL Back feed Interconnect for W Saunders, W Wilkens, and Interurban \$350,000

FY2026: (1) Construct WL from Davis Rd to Signature Pt; (2) design Landing & Countryside North subdivisions

FY2027: (1) Construct Landing & Countryside North; (2) design Bay Ridge and Meadowbend Subdivisions

FY2028: (1) Construct Dove Meadows and Ellis Landing subdivisions; Bay Ridge, SSH (inside gates), & Clear Creek Shores WL Replacement.

Future Years: Fenwood 840ft WL; Coveside 250ft WL, & Seminole 450ft WL (North of bridge) - Replace 3" AC WL's and add loop extension

PROJECT JUSTIFICATION

Setting aside an annual amount for water line replacements and upgrades will allow on-going maintenance needs to be addressed and ensure a reliable water system by reducing line failures. The on-going FY23 Lead Copper Rule Revision Study will identify all existing lead service lines and requires them to be removed and replaced.

ADDITIONAL CONSIDERATIONS

	YES	NO	Recurring M&O Costs	Amount
Is the project necessary under State/Federal Mandate, contractual obligation, or City Code?		NO	Personnel/Benefits (50xx)	\$0
			Supplies (51xx)	\$0
Will this project create future Capital Projects?		NO	Repairs/Maintenance (52xx)	\$3,000
Is your request in the current CIP?	YES		Services (53xx)	\$0
If yes, has the cost of the project changed?	YES		TOTAL	\$3,000