

FY 25 thru FY 27

Capital Improvement Plan Project Pages

Corpus Christi, Texas



Project # 24073/25073
Project Name City-Wide Water Line Repair/Replace-Small Diameter

Contact	Director of Corpus Christi Water	Department	Water
Type	Improvement/Additions	Category	Water Distribution
Priority	Priority Level 1	Status	Active
Useful Life	40 years	Council District	City-Wide

Description

This project provides the replacement of small diameter water lines within the City's water distribution system. The strategic life cycle management and replacement of these assets is predicated on an a likelihood-of-failure (LOF) risk analysis that utilizes historical failure data, condition assessments and asset specifications. The program is flexible and provides a systematic approach to replacing aging water lines while enhancing water quality. Additional benefits will include increased distribution reliability with reduced service outages and reduced operational costs. This project continues into the long-range plan.

Justification

Rehabilitation and replacement of this aging infrastructure will result in a better functioning water distribution system reducing the number of unanticipated emergency repairs. The extension of service life for water mains is critical to ensuring integrity of the City's water distribution system.

Expenditures	Prior	FY 25	FY 26	FY 27	Total
Construction/Rehab	16,000,000	18,000,000	18,000,000	18,000,000	70,000,000
Eng, Admin Reimbursements	435,000	250,000	250,000	250,000	1,185,000
Total	16,435,000	18,250,000	18,250,000	18,250,000	71,185,000

Funding Sources	Prior	FY 25	FY 26	FY 27	Total
Revenue Bonds	0	16,435,000	14,250,000	14,250,000	44,935,000
PAYGO	0	1,815,000	4,000,000	4,000,000	9,815,000
Grant - American Rescue Act	16,435,000	0	0	0	16,435,000
Total	16,435,000	18,250,000	18,250,000	18,250,000	71,185,000

Budget Impact

This program is a critical component to replacing aging water infrastructure which will decrease emergency repairs and improve system resiliency and reliability. This Project will also mitigate future increases in maintenance costs.