

Capital Improvement Plan

City of Corpus Christi, Texas

2025 *thru* 2027

Project # 22150
Project Name Twin 36" & McBride Wastewater Lines Rehabilitation

Type Reconditioning-Asset
Useful Life 40 years
Category Wastewater System Maint.
Department Wastewater
Contact Director of Water Utilities
Priority Priority Level 1
Council District 4
Status Active



Description

The purpose of the project is to rehabilitate the twin 36" wastewater gravity mains that run through the Oso Golf Course and adjacent wetland using either CIPP or pipe bursting. The twin 36", clay wastewater mains are the main conduit for wastewater flows originating North of SPID, from Ayers to the Oso Wastewater Treatment Plant. The wastewater mains travel through a sensitive natural wetland before reaching the treatment plant and have experienced a failure in the last year. Due to the sensitivity of the environment, the importance of their function and the requirements of the Consent Decree, rehabilitation of the lines to prevent future failures is needed.

Justification

This project will ensure functionality and increase the lifespan of these critical lines that deliver wastewater flows to the Oso WWTP. Addressing the large diameter line on McBride will reduce the opportunity for failure and increase servability.

Expenditures	Prior Years	2025	2026	2027	Total
Construction/Rehab		4,500,000			4,500,000
Design		650,000			650,000
Contingency		50,000			50,000
Eng, Admin Reimbursements		450,000			450,000
Total		5,650,000			5,650,000

Funding Sources	Prior Years	2025	2026	2027	Total
Revenue Bonds		5,650,000			5,650,000
Total		5,650,000			5,650,000

Budget Impact/Other

The implementation of this project will lead to increased efficiency and resiliency in the wastewater system, reducing future maintenance costs, allowing for reduced emergency repairs, and allow for regulatory compliance.