

Capital Improvement Plan

2024 *thru* 2026

City of Corpus Christi, Texas

Project # 19025
Project Name Mary Rhodes Pipeline II System Improvements (Bank Erosion)

Type Improvement/Additions
Useful Life 40 years
Category Water Supply

Department Water Department
Contact Director of Water Utilities
Priority Critical-Health & Safety
Council District Outside City Limits

Status Active



Description

The City of Corpus Christi owns and operates the Mary Rhodes Phase II pipeline (MRPII) for the delivery of raw water to the O.N. Stevens Water Treatment Plant from the Colorado River. MRPII consists of 42 miles of pipeline to the Colorado River in Bay City, TX where the City has a run of the river water rights. This project includes various required improvements to Mary Rhodes Phase 2 pumping system. Improvements include, but are not limited to river bank stabilization due to natural erosion and other improvements as identified. The City applied and was selected for a cost share agreement with the U.S. Army Corps of Engineers under Section 14 of the Flood Control Act of 1946 (Public Law 79-526) for a cost share agreement for the riverbank stabilization. The federal cost share portion will be up to \$10 million for design and construction.

Justification

This project will improve pipeline efficiencies, reliability, and reduce costs.

Expenditures	Prior Years	2024	2025	2026	Total
Planning	450,000				450,000
Construction/Rehab			10,750,000	1,500,000	12,250,000
Design		1,226,000			1,226,000
Eng, Admin Reimbursements	21,552	37,500	537,500	220,000	816,552
Total	471,552	1,263,500	11,287,500	1,720,000	14,742,552

Funding Sources	Prior Years	2024	2025	2026	Total
Grant - U.S. Army Corps of Engineers	275,000	769,900	7,800,000		8,784,745
Raw Water Fund		493,600	3,487,500	1,720,000	5,701,100
Revenue Bonds	196,552				191,552
Total	471,552	1,263,500	11,287,500	1,720,000	14,742,552

Budget Impact/Other

An assessment will be done upon completion of project to determine maintenance costs.