

Capital Improvement Plan

2024 *thru* 2026

City of Corpus Christi, Texas

Project # 22405
Project Name ONSWTP Navigation Pump Station Improvements



Type Improvement/Additions
Useful Life 40 years
Category Water Treatment

Department Water Department
Contact Director of Water Utilities
Priority Critical-Health & Safety
Council District 1

Status Active

Description

The City of Corpus Christi owns the Navigation Pump Station (PS), located at 302 North Navigation Blvd, Corpus Christi, Texas, which consists of 2 - 10 MG tanks. Under the current distribution system set up, the pump station does not contribute to maintenance of system pressure and was taken out of service in 2018. This project includes changes to Navigation Pump Station and surrounding distribution piping to help the City improve water delivery and water quality in the distribution system. A feasibility study followed by design will be carried out for these improvements. The major anticipated improvements for this project include upgrades to existing three pumps, one new pump and four new VFDs, and potential transmission main upgrades.

Justification

This project improves the operational efficiency and reliability of the Navigation pump station.

Expenditures	Prior Years	2024	2025	2026	Total
Construction/Rehab		5,000,000	5,000,000		10,000,000
Design	280,000				280,000
Eng, Admin Reimbursements	30,823	250,000	250,000		530,823
Total	310,823	5,250,000	5,250,000		10,810,823

Funding Sources	Prior Years	2024	2025	2026	Total
Revenue Bonds	310,823	5,250,000	5,250,000		10,810,823
Total	310,823	5,250,000	5,250,000		10,810,823

Budget Impact/Other

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