

Capital Improvement Plan

2023 *thru* 2025

City of Corpus Christi, Texas

Project # E16290
Project Name Elevated Water Storage Tanks- Citywide



Type Improvement/Additions
Useful Life 40 years
Category Water Distribution
Department Water Department
Contact Director of Water Utilities
Priority 2 Critical- Asset Condition\longevity

Status Active

Description

The existing Elevated Storage Tanks (EST) have inadequate volume and elevation to meet minimum storage requirements as defined by Texas Commission on Environmental Quality (TCEQ). Here is the schedule and plan for the city of Corpus Christi to meet TCEQ’s storage requirements.

FY 22: Modifications to Holly and Rand Morgan Elevated Storage Tanks. Installation of pumps and pressure relief valves (PRVs). Begin construction of new EST in Flour Bluff on Division Road

FY 23: Begin construction of new EST on Nueces Bay Boulevard.

FY 24: Complete construction of new EST in Flour Bluff on Division Road.

FY 25: Complete construction of new EST on Nueces Bay Boulevard. Demolish old EST at Flour Bluff on Division Road, old EST on Morgan Avenue.

FY 26: Begin design of new EST at a yet to be determined site. Possibly near the Calallen, London or Gollihar area pending modeling.

FY 27: Begin construction of new EST at a yet to be determined site. Possibly near the Calallen, London or Gollihar area pending modeling.

FY 28: Continue construction of new EST at a yet to be determined site. Possibly near the Calallen, London or Gollihar area pending modeling.

FY 29: Complete construction of new EST at a yet to be determined site. Demolish old Alameda and Gollihar ESTs.

Justification

This project will allow the city to meet its commitment to TCEQ. Higher tanks will additionally provide higher pressure and better pressure stabilization in the distribution system as required.

Expenditures	Prior Years	2023	2024	2025	Total
Construction/Rehab	500,000	4,500,000	4,260,000	9,544,023	18,804,023
Inspection	140,000				140,000
Design	300,000				300,000
Capital Equipment	750,000	500,000	750,000	1,043,743	3,043,743
Eng, Admin Reimbursements	150,323	140,000	150,000	350,000	790,323
Total	1,840,323	5,140,000	5,160,000	10,937,766	23,078,089

Funding Sources	Prior Years	2023	2024	2025	Total
Revenue Bonds	1,840,323	5,140,000	5,160,000	10,937,766	23,078,089
Total	1,840,323	5,140,000	5,160,000	10,937,766	23,078,089

Budget Impact/Other

A reassessment will be done upon completion of project to determine on-going or maintenance costs.