

Capital Improvement Plan

City of Corpus Christi, Texas

2022 *thru* 2024

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

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, and old ground storage tank (GST) at Holly Road.

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

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

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

FY 29: Complete construction of new EST at a yet to be determined site. Possibly near the Calallen area or Gollihar pending modeling.

Demolish old Alameda and Gollihar ESTs.

Justification

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan.

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	2022	2023	2024	Total
Construction/Rehab	9,544,023	5,500,000	5,000,000	5,000,000	25,044,023
Inspection		10,000	10,000	10,000	30,000
Design	980,304				980,304
Eng Admin Reimbursements	393,439	150,000	150,000	150,000	843,439
Total	10,917,766	5,660,000	5,160,000	5,160,000	26,897,766

Funding Sources	Prior Years	2022	2023	2024	Total
Revenue Bonds	10,917,766	5,660,000	5,160,000	5,160,000	26,897,766
Total	10,917,766	5,660,000	5,160,000	5,160,000	26,897,766

Budget Impact/Other

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