

Capital Improvement Plan

City of Corpus Christi, Texas

2025 *thru* 2027

Project # E16290/20267
Project Name Elevated Water Storage Tanks - City-Wide

Type Improvement/Additions
Useful Life 40 years
Category Water Distribution
Department Water
Contact Director of Water Utilities
Priority Priority Level 1
Council District City-Wide
Status Active



Description

The existing Elevated Storage Tanks (EST) have inadequate volume and elevation to meet minimum storage and pressure requirements as defined by Texas Commission on Environmental Quality (TCEQ). The plan to meet these requirements is outlined below:

FY24: Complete Construction of the Flour Bluff EST. Begin design of new Calallen EST, corresponding Calallen pump station located at ON Stevens WTP, and necessary water line improvements. Demolish Morgan EST.
FY 25: Complete Construction of new Calallen EST, pump station, and water line improvements. Demolish old EST at Flour Bluff on Division Road.
FY 26: Begin design of new EST at a yet to be determined site pending review and hydraulic modeling.
FY 27: Begin construction of new EST at a yet to be determined site.
FY 28: Complete construction of new EST at a yet to be determined site.
FY 29: Demolish existing Alameda and Gollihar ESTs.

This project continues into the long-range plan.

Justification

This project is necessary to increase overall storage capacity help manage water pressure increase resiliency and reliability in the system and allow the city to meet its commitment to TCEQ's alternative capacity requirements.

Expenditures	Prior Years	2025	2026	2027	Total
Construction/Rehab	18,900,872	11,000,000	4,000,000	10,000,000	43,900,872
Design	1,213,920	800,000	500,000	470,000	2,983,920
Capital Equipment	750,000	400,000	300,000		1,450,000
Eng, Admin Reimbursements	2,139,373	700,000	450,000	500,000	3,789,373
Total	23,004,165	12,900,000	5,250,000	10,970,000	52,124,165

Funding Sources	Prior Years	2025	2026	2027	Total
Revenue Bonds	23,004,165	12,900,000	5,250,000	10,970,000	52,124,165
Total	23,004,165	12,900,000	5,250,000	10,970,000	52,124,165

Budget Impact/Other

The implementation of this project will allow for compliance with regulatory requirements as well as increasing storage capacity. Increased gravity fed water into the system will reduce strain on the pumping infrastructure and can reduce maintenance costs over time.