

Capital Improvement Plan

City of Corpus Christi, Texas

2025 *thru* 2027

Project # 18085A
Project Name Williams Lift Station Force Main

Type Improvement/Additions
Useful Life 40 years
Category Wastewater System Maint.
Department Wastewater
Contact Director of Water Utilities
Priority Priority Level 1
Council District 4
Status Active



Description

Williams Lift Station is the largest lift station in the City's collection system and is a critical asset in the wastewater infrastructure. It transports approximately 30% of the City's wastewater (approximately 100,000 population) to Oso Water Reclamation Plant. The lift station was constructed in 1980 and has not had any upgrades. This project includes temporary bypass pumping, replacement of four main pumps and one jockey pump, suction and discharge piping replacement, new plug valves, new check valves, new electrical switchgear electrical and instrumentation upgrades, and other miscellaneous items of site work. As part of this project a new emergency pumping connection, emergency generator, and odor control unit will also be installed. The construction improvements in project 21143 will be taken into consideration.

Justification

This project will ensure functionality and increase the lifespan of these critical lines that deliver wastewater flows to the Oso WWTP. These upgrades are necessary to maintain regulatory compliance, increase efficiency, and minimize potential hazards.

Expenditures	Prior Years	2025	2026	2027	Total
Construction/Rehab		12,000,000	12,000,000		24,000,000
Design	864,440				864,440
Contingency			300,000		300,000
Eng, Admin Reimbursements	139,487	500,000	400,000		1,039,487
Total	1,003,927	12,500,000	12,700,000		26,203,927

Funding Sources	Prior Years	2025	2026	2027	Total
Revenue Bonds	1,003,927	12,500,000	12,700,000		26,203,927
Total	1,003,927	12,500,000	12,700,000		26,203,927

Budget Impact/Other

The implementation of this project will lead to increased efficiency and resiliency in the wastewater system, reducing future maintenance costs, allowing for reduced emergency repairs, and allow for regulatory compliance.