Capital Improvement Plan

2023 *thru* 2025

City of Corpus Christi, Texas

Project # 21044
Project Name Channel Ditch Improvements

Type Improvement/Additions
Useful Life 25 years
Category Site Improvements
Department Public Works- Storm Water
Contact Director of Public Works
Priority 2 Critical- Asset Condition\longevity
Status Active

Description

This yearly project will involve minor storm water conveyance improvements, rehab to critical concrete sections, re-contouring, excavation, clearing, upgrading culverts, scour protection and other miscellaneous best management practices throughout the City to create more positive drainage flow during low water conditions and rain events. Improvements will address critical upgrades to reduce flooding on public and private property, improve public safety, improve water quality, improve vector (pest) control, and reduce long-term maintenance costs. Improvements will take place on a routine basis to extent funding allows.

Justification

This project is required to meet operational and regulatory requirements.

Expenditures	Prior Years	2023	2024	2025	Total
Construction/Rehab	400,000	500,000	500,000	500,000	1,900,000
Design	100,000	50,000	50,000	50,000	250,000
Eng, Admin Reimbursements	166,000	50,000	50,000	50,000	316,000
Total	**666,000**	**600,000**	**600,000**	**600,000**	**2,466,000**

Funding Sources	Prior Years	2023	2024	2025	Total
Revenue Bonds	666,000	600,000	600,000	600,000	2,466,000
Total	**666,000**	**600,000**	**600,000**	**600,000**	**2,466,000**

Budget Impact/Other

Restoration of channels and ditches is critical to avoid potential “washouts” that may result in encroachment, flooding and undermining of adjacent public/private structures including streets, bridges, utility lines, buildings, and homes. Additionally, fully funding rehab/construction of major channels can ultimately reduce operational cost by reducing “emergency” responses and more costly maintenance actions during lifecycle of channel. The City complies with regulatory permits by using the following measures: pollution prevention, treatment of pollution removal, storm water monitoring, and minimizing introduction of pollutants into the municipal separate storm sewer system (MS4).