

Capital Improvement Plan
City of Corpus Christi, Texas

2022 *thru* 2024

Project # 23020
Project Name Oso Creek Channel Bottom Rectification



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

The Oso Creek Channel Bottom Rectification will advance long-term resilience by enhancing the capacity of the stormwater system and improving water quality. The project will improve a 12-mile section of Oso Creek from Greenwood Drive to Yorktown Boulevard and also the 37 miles of earthen channels that convey stormwater to Oso Creek. The project will consist of: Remove peaks and depressions in channel bottom; Design for flood conveyance and capacity; Design pervious access roads to maintain the creek; Provide stabilization/erosion prevention of banks, focusing on areas around existing infrastructure such as bridges and outfalls (rip rap, re-vegetation, etc.); Remove debris; Provide environmental review/permitting; and Prepare asset management plan, probable costs, and plans and specifications, construction bid documents. This project continues in the long range and has a total cost of \$44,000,000.00

Justification

The project is a priority and due to extensive postponement the work must be completed this year. Consistency with the Comprehensive Plan: Policy Statements pg. 48: 1,3 & 6; pp. 55, 56 & 58-60; 2009 Storm Water Master Plan (draft); Sustainability Initiative

Expenditures	Prior Years	2022	2023	2024	Total
Design		4,351,000			4,351,000
Eng, Admin Reimbursements		400,000			400,000
Total		4,751,000			4,751,000

Funding Sources	Prior Years	2022	2023	2024	Total
Texas Water Development Board - Forgivable Loan		1,190,000			1,190,000
Texas Water Development Board - Loan		3,561,000			3,561,000
Total		4,751,000			4,751,000

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.