

Capital Improvement Plan
City of Corpus Christi, Texas

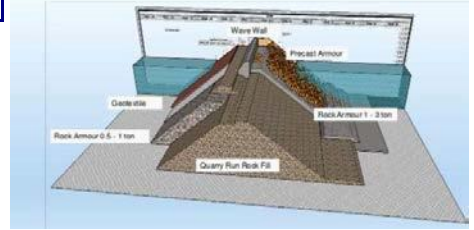
2019 *thru* 2023

Project # E16318
Project Name Phase 1 Breakwater Repairs (McGee Beach)

Type Reconditioning-Asset Longevit
Useful Life 40 years
Category Site Improvements
Department Health & Safety Other
Contact Director of Engineering
Priority 2 Critical- Asset Condition\longe

Status Active

Drawing – Breakwater Cross Section



Description

Marina breakwater is designed to reduce wave energies to marina facilities and vessels stored and navigating within marina channels. It also dissipates wave energy to the seawall in the area. The breakwater was constructed in the 1920's and is experiencing severe structural degradation due to age and harsh environment. Proposed improvements will repair existing rock breakwater and concrete cap. Repairs consist of demolishing existing, damaged concrete cap, repairing rock breakwater, and installing a new, wider concrete cap.

Justification

Consistency with the Comprehensive Plan: Policy Statements pg. 48: 3 & 6

Expenditures	2019	2020	2021	2022	2023	Total
Construction/Rehab	930,509		2,450,000	900,000		4,280,509
Inspection			350,000	50,000		400,000
Contingency			100,000	50,000		150,000
Total	930,509		2,900,000	1,000,000		4,830,509

Funding Sources	2019	2020	2021	2022	2023	Total
Type A/B Sales Tax	930,509		2,900,000	1,000,000		4,830,509
Total	930,509		2,900,000	1,000,000		4,830,509

Budget Impact/Other

There is no operational impact with this project.