

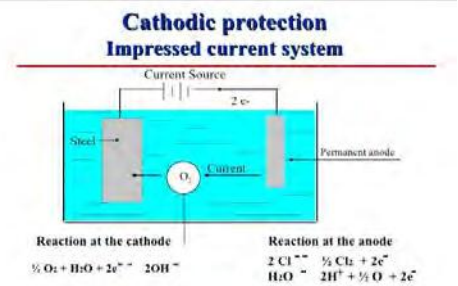
Capital Improvement Plan
City of Corpus Christi, Texas

2023 *thru* 2025

Project # E13022
Project Name Cathodic Protection Upgrades

Type Improvement/Additions **Department** Gas
Useful Life 25 years **Contact** Director of Gas Operations
Category Gas **Priority** 2 Critical- Asset Condition/longevity

Status Active



Description

This project proposes design and construction to upgrade current city-wide high pressure distribution system from Sacrificial Anode Cathodic Protection System to Impressed Current Cathodic Protection System. The Impressed Current system is more effective at protecting larger mains from external corrosion. This system also uses anodes that have longer effective lifespan and will reduce anode replacement costs.

Justification

This project will decrease long term operational and maintenance cost.

Expenditures	Prior Years	2023	2024	2025	Total
Construction/Rehab	110,665	160,000	160,000	160,000	590,665
Inspection	17,391	20,000	20,000	20,000	77,391
Eng, Admin Reimbursements	1,100	20,000	20,000	20,000	61,100
Total	129,156	200,000	200,000	200,000	729,156

Funding Sources	Prior Years	2023	2024	2025	Total
Revenue Bonds	129,156	200,000	200,000	200,000	729,156
Total	129,156	200,000	200,000	200,000	729,156

Budget Impact/Other

This project will decrease long term operational and maintenance cost, as well as offer inspection benefits.