Capital Improvement Plan

2022 *thru* **2024**

City of Corpus Christi, Texas

Project #	**20100**
Project Name	**Packery Channel Water Line**

Type Improvement/Additions
Useful Life 40 years
Category Water Distribution

Department Water Department
Contact Director of Water Utilities
Priority 2 Critical- Asset Condition

Status Active

Description

The City of Corpus Christi supplies water to Nueces County Water Improvement District No. 4 (NCWID#4) via a 24-inch line from the Flour Bluff area to the Sand Dollar Pump Station. From Sand Dollar Pump Station, water is then transmitted through a 20-inch line (consisting of twin 16-inch lines crossing the Packery Channel) to the NCWID#4 system. During the Harvey Hurricane event in August 2017, the 20-inch water line to NCWID#4 was damaged and water supply to the region from the City of Corpus Christi had to be halted. This project is to build a new water transmission line to provide redundant and reliable water supply to NCWID#4.

Justification

During the Harvey Hurricane event in August 2017, the 20-inch water line to NCWID#4 was damaged and water supply to the region from the City of Corpus Christi had to be halted. To prevent similar situation in case of future storm/severe weather events, this project is to build a new 20-in water transmission line crossing Packery Channel and provide redundant and reliable water supply to NCWID#4.

Expenditures	Prior Years	2022	2023	2024	Total
Construction/Rehab		2,250,000			2,250,000
Inspection		100,000			100,000
Design	240,000				240,000
Contingency		100,000			100,000
Eng, Admin Reimbursements	8,356	50,000			58,356
Total	**248,356**	**2,500,000**			**2,748,356**

Funding Sources	Prior Years	2022	2023	2024	Total
PAYGO	248,356				248,356
Revenue Bonds		2,500,000			2,500,000
Total	**248,356**	**2,500,000**			**2,748,356**

Budget Impact/Other

There is no projected operational impact with this project at this time. A reassessment will be done upon completion of project to determine on-going or maintenance costs.