

Capital Improvement Plan

2023 *thru* 2025

City of Corpus Christi, Texas

Project # E16417
Project Name Nueces River Raw Water Pump St Trans Main

Type Improvement/Additions
Useful Life 40 years
Category Water Distribution

Department Water Department
Contact Director of Water Utilities
Priority 1 Critical-Health & Safety

Status Active



Description

The O.N. Stevens WTP is being upgraded to meet an anticipated 200 MGD demand. Nueces River PS pumps water from the Nueces River to ONSWTP through 2-54” pipelines with a total capacity of 120MGD. This project would install a third 54” transmission main from Nueces River Pump Station to O.N. Stevens WTP and give the pump station a firm capacity of 160MGD to assist in meeting future demand requirements of 200MGD.

Justification

This project provides uninterrupted water supply from Nueces River. The need for reliable, redundant sources of raw water will be met and the City can confidently welcome new businesses. Should this project not be realized, and ONSWTP is faced with peak water demands, the City could face water shortages and a less than favorable public image.

Expenditures	Prior Years	2023	2024	2025	Total
Construction/Rehab		4,000,000	4,500,000		8,500,000
Inspection	20,000	100,000	100,000		220,000
Design	220,000				220,000
Eng, Admin Reimbursements	10,000	300,000	350,000		660,000
Total	250,000	4,400,000	4,950,000		9,600,000

Funding Sources	Prior Years	2023	2024	2025	Total
Revenue Bonds	250,000	4,400,000	4,950,000		9,600,000
Total	250,000	4,400,000	4,950,000		9,600,000

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. Operational budget impact should be improved through more efficient equipment.