

# Capital Improvement Plan

2020 *thru* 2024

## City of Corpus Christi, Texas

**Project #** E11066  
**Project Name** ONSWTP High Service Building No. 3



**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

This project provides for construction of a new High Service Building as the repair/replacement of existing High Service Building No. 1, including equipment, is not feasible nor cost effective. This project will replace four (4) existing tilting disc check valves (TDCVs) and all existing Multiline Motor protection relays (MRP) at High Service Building #2 to provide consistency and facilitate maintenance between both High Service No. 2 and High Service No. 3 Pump Stations as well as provide repairs to the roof of Clearwell 1. New High Service Building No. 3 will have capability to deliver treated water to distribution system from existing Clear-well No. 1, Clear-well No. 2 and future programmed Clearwell No.3. Completion of this project will enable the City to decommission and take High Service Building No. 1 out of service.

### Justification

Consistency with the Comprehensive Plan: Policy Statements pp. 48: 1,3 & 6; pp. 55-57; Water Master Plan  
 Constructing a new High Service Building No. 3 will allow the plant to continue uninterrupted treated water delivery and have the ability to operate with new elevated storage tanks that are planned in compliance with Texas Commission on Environmental Qualities Alternative Capacity Requirement (ACR).

<b>Expenditures</b>	<b>Prior Years</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Construction/Rehab	23,415,884	427,951				23,843,835
Testing	113,951					113,951
Design	3,535,316					3,535,316
Other	923					923
Engineering Svc	451,155	34,236				485,391
Admin Reimbursement	239,813	12,839				252,652
<b>Total</b>	<b>27,757,042</b>	<b>475,026</b>				<b>28,232,068</b>

<b>Funding Sources</b>	<b>Prior Years</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Revenue Bonds	27,757,042					27,757,042
Water Fund		475,026				475,026
<b>Total</b>	<b>27,757,042</b>	<b>475,026</b>				<b>28,232,068</b>

### Budget Impact/Other

There is no projected operational impact. On-going maintenance costs are budgeted.