

# Capital Improvement Plan

## City of Corpus Christi, Texas

2019 *thru* 2023

**Project #** 21007  
**Project Name** Solid Waste Facility Complex

**Type** Improvement/Additions  
**Useful Life** 40 years  
**Category** Site Improvements  
**Department** Solid Waste  
**Contact** Director of Solid Waste  
**Priority** 1 Critical-Health & Safety

**Status** Active



### Description

An Administration Building to provide offices, meeting space, filing and storage areas, and employee lockers for 170 employees. The transfer station requires 3 load out bays, adequate queuing lanes for customers and sufficient area to process all of the trash received daily within the enclosed building. The compost facility must be capable of processing 120,000 tons per year of mixed organics including over 40,000 tons of biosolids annually. Sufficient parking area is needed for vehicles and equipment used in the collection and transportation of Solid Waste, with diesel, gasoline and CNG fueling facilities. Construct new solid waste facility will replace the existing Solid Waste facility at 2525 Hygeia Street, and provide adequate square footage to accommodate administrative functions and to support field activities for 170 Solid Waste personnel. Construction will include a 40 acre composting facility, parking for 120 mid size to large collection and haul vehicles, a 1200 tons per day transfer station and 200 space employee parking.

### Justification

The current administration building does not provide the required space needed by the employees. It is shared with the Street Department and additional space is not available. This results in employee meetings held outdoors in the elements, fragmentation of important department services in portable buildings, and management offices that are inadequate. One third of the building has a floating floor that is sinking, causing the walls to crack and posing dangers for our employees and recurring sewage problems. Customer demand has outgrown our current Transfer Station, resulting in blowing trash, long lines, poor traffic flow, unsightly and inadequate recycling facilities, safety concerns, and a Household Hazardous Waste facility that is outside in the weather. Due to the physical constraints the transfer station staff is unable to move all of the trash to the landfill on a daily basis, causing trash to be stored on site. The stored materials create a vector problem, attracts birds and poses a fire hazard. Customers experience long lines and extended waits. Currently we do not have a compost facility. All of the organics that we receive in the landfill waste valuable air space. By composting the 40,000 tons of biosolids, the 80,000 cubic yards of brush and any other organics, we could save this valuable air space, provide a needed soil amenity to our customers and save approximately one million dollars annually.

Expenditures	2019	2020	2021	2022	2023	Total
Planning			15,000			15,000
Construction/Rehab			2,200,000	18,000,000	2,000,000	22,200,000
Testing				20,000		20,000
Inspection				30,000		30,000
Design			150,000			150,000
Contingency					2,000,000	2,000,000
Engineering Svc			150,000	120,000		270,000
Admin Reimbursement			1,500	35,000		36,500
<b>Total</b>			<b>2,516,500</b>	<b>18,205,000</b>	<b>4,000,000</b>	<b>24,721,500</b>

Funding Sources	2019	2020	2021	2022	2023	Total
Certification of Obligation			2,516,500	18,205,000	4,000,000	24,721,500
<b>Total</b>			<b>2,516,500</b>	<b>18,205,000</b>	<b>4,000,000</b>	<b>24,721,500</b>

### Budget Impact/Other

Project will provide new revenue to Operational Budget. Project helps maintain compliance of permit requirements and avoid future violations and fines.