

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

SOLID WASTE MANAGEMENT FACILITIES

Solid Waste Management Facilities

As a steward of the public trust, the objectives of the Solid Waste Management Department's five year Capital Improvement Plan are to maintain, preserve, and extend its physical assets, as well as to provide solid waste services to the residents of Houston through the collection, disposal and recycling of discarded material in a manner that is safe, efficient, environmentally sound and cost-effective.

The Solid Waste Management Department maximizes integrated solid waste management services for all citizens of Houston through bond improvement projects, while efficiently managing competing constraints, i.e. environmental mandates and annual budget, on current and long-term assets.

Highlights for the Fiscal Year 2017 - 2021 Adopted CIP include:

- A "turnkey" integrated, a cloud-based automated vehicle Tracking, Route and Performance Management System (TRPMS) utilizing the City's Geographic Information System (GIS). The system will be capable of tracking and reporting location, direction of travel, vehicle speed, as well as deliver near real-time metrics of garbage and recycling collections, heavy trash collections and tree waste removal vehicle operations.
- Installation of closed circuit security cameras and night lights at the Ellington Airport recycling drop-off site.
- Replacement of aging underground storage tanks that have exceeded their useful lives.
- Repair of existing fixed assets such as failing concrete pavement at service centers and partitioning traffic patterns on city sites.
- Voluntary cleanup programs at a closed landfill and contracting through the city environmental division for all environmental services.



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	15	851	51	44		961
Construction	1,507	1,461	10,181	642	859	14,650
Equipment Acquisition	100			90		190
Salary Recovery	212	271	265	280	233	1,261
Other		15	158			173
Total Allocation	1,834	2,598	10,655	1,056	1,092	17,234
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	100			90		190
4503 - Solid Waste Consolidated Construction Fd	1,734	1,772				3,506
Future Bond Election		826	10,655	966	1,092	13,538
Total Funds	1,834	2,598	10,655	1,056	1,092	17,234

SOLID WASTE FACILITIES - Summary of Funds
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
L-000029	Remediation and Tank Replacement-NW SC						
	Future Bond Election			560			560
	Project Total			560			560
L-000052	Environmental Services						
	4503 - Solid Waste Consolidated Construction Fd	100	100				200
	Future Bond Election			100	100	100	300
	Project Total	100	100	100	100	100	500
L-000078	New Multi-Use SWD Facility						
	Future Bond Election		826	9,158			9,984
	Project Total		826	9,158			9,984
L-000080	11500 South Post Oak Fuel Site						
	4503 - Solid Waste Consolidated Construction Fd	913					913
	Project Total	913					913
L-000086	Concrete & Pavement Repairs						
	4503 - Solid Waste Consolidated Construction Fd	59	61				120
	Future Bond Election			61	61	61	183
	Project Total	59	61	61	61	61	303
L-000095	Security Upgrades-Ellington Recycle Cntr						
	4503 - Solid Waste Consolidated Construction Fd	150					150
	Project Total	150					150
L-000099	Bioremediation Equipment						
	1800 - Equipment Acquisition Consolidated Fund	100					100
	Project Total	100					100

SOLID WASTE FACILITIES - Summary of Funds
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
L-000100	Holmes Road Incinerator Remediation							
	4503 - Solid Waste Consolidated Construction Fd	300	1,300					1,600
	Project Total	300	1,300					1,600
L-000102	Oil Storage Tank Containments							
	Future Bond Election				177			177
	Project Total				177			177
L-000103	Roll-off Covers for Dumpsters							
	1800 - Equipment Acquisition Consolidated Fund				90			90
	Project Total				90			90
L-000104	Occupancy Code Compliance							
	Future Bond Election			311	104	104		519
	Project Total			311	104	104		519
L-000105	Locker Room Upgrades - Svc Centers							
	4503 - Solid Waste Consolidated Construction Fd		40					40
	Future Bond Election			200	200	40		440
	Project Total		40	200	200	40		480
L-000106	Public Parking Addition-9003 N. Main							
	Future Bond Election				44	554		598
	Project Total				44	554		598
L-000SAL	Salary Recovery							
	4503 - Solid Waste Consolidated Construction Fd	212	271					483
	Future Bond Election			265	280	233		778
	Project Total	212	271	265	280	233		1,261
	Total Appropriations:	1,834	2,598	10,655	1,056	1,092		17,234

**SOLID WASTE - Department Related Projects
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
Fleet							
W-21ATSH	SWD - Automated Trash Vehicles						
	1800 - Equipment Acquisition Consolidated Fund	6,096	3,120	3,120	3,120	3,120	18,576
	Project Total	6,096	3,120	3,120	3,120	3,120	18,576
W-21BULK	SWD - Bulk Waste / Heavy Trash Vehicles						
	1800 - Equipment Acquisition Consolidated Fund	1397					1,397
	Project Total	1397					1,397
W-21NDES	SWD - Neighborhood Depositories						
	1800 - Equipment Acquisition Consolidated Fund	260	260	260	260	260	1,300
	Project Total	260	260	260	260	260	1,300
Information Technology							
X-210001	SWD - Vehicle Tracking & Performance Sys						
	1800 - Equipment Acquisition Consolidated Fund	1,058					1,058
	Project Total	1,058					1,058
Total Appropriations:		8,811	3,380	3,380	3,380	3,380	22,331