

The seal of the City of Houston, Texas, is a circular emblem. It features a central illustration of a steam locomotive with a star above it, and a plow below. The words "CITY OF HOUSTON" are inscribed in the upper half of the circle, and "TEXAS" is inscribed in the lower half. The seal is rendered in a light gray, semi-transparent style.

FIRE PROTECTION FACILITIES

Fire Protection Facilities

The goal of the Houston Fire Department is to continuously improve public safety, infrastructure, and quality of life while exercising fiscal responsibility through the Capital Improvement Plan.

The Fiscal Year 2024-2028 Capital Improvement Plan for HFD incorporates a combination of new construction, renovation/expansion, and relocation to expand and maintain its network of fire stations and support facilities. The plan also includes significant investment in the Emergency Response Fleet.

Highlights of the Fiscal Year 2024-2028 CIP include:

- The extensive renovation of Fire Stations 16, 19, 31, 64, and 80 will extend the useful life of the facilities by replacing and upgrading core features such as HVAC, Mechanical and Plumbing.
- The design and construction of the new four bay Fire Station 104 which will be approximately 15,000 square feet. The project will consist of new paved surface parking, site work, foundation, structure, mechanical, electrical, and plumbing systems, furniture, appliances, landscaping, signage, traffic signal, and an emergency generator system. The design of the new station will increase living area and storage, immediately improving the infrastructure to greatly benefit life safety for the firefighters and meet the needs of the Kingwood community.
- The design and construction of the new Fire Station 40. The project will consist of new paved surface parking, site work, foundation, structure, mechanical, electrical, and plumbing systems, furniture, appliances, landscaping, signage, traffic signal, and an emergency generator system. The design of the new station will increase living area and storage, immediately improving the infrastructure to greatly benefit life safety for the firefighters and meet the needs of the Gulfgate and Pine Valley communities.

- Maintain a Fleet Replacement Cycle that uses data to drive cost efficiencies in the emergency response fleet. By investing in replacing aging apparatus, we will minimize repair and maintenance costs, while benefitting from the value of fleet standardization.



Project Allocation	Fiscal Year Planned Appropriations					2024-2028
	2024	2025	2026	2027	2028	
Planning						
Acquisition-Land	3,869	368	3,527			7,764
Design	1,682	4,013			1,428	7,123
Construction	18,546	1,360	25,362	925	3,068	49,261
Equipment Acquisition	4,380	4,150	4,150	3,850	4,820	21,350
Salary Recovery	941	941	941	941	941	4,707
Other	296	36	323			655
Total Allocation	29,715	10,868	34,303	5,716	10,257	90,860
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	4,380	4,150	4,150	3,850	5,320	21,850
4039 - Misc Cap. Projects/Acquisitions CP Ser E	16,926					16,926
4500 - Fire Consolidated Construction Fund	8,409	6,718	30,153	1,866	4,937	52,084
Total Funds	29,715	10,868	34,303	5,716	10,257	90,860

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

**FIRE PROTECTION FACILITIES - Summary of Funds
2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2024-2028
		2024	2025	2026	2027	2028	
C-000181	Fire Station 40 Replacement						
	4500 - Fire Consolidated Construction Fund	2,530	1,801	14,854			19,185
	Project Total	2,530	1,801	14,854			19,185
C-000195	Fire Station 31 Renovation						
	4500 - Fire Consolidated Construction Fund	1,632					1,632
	Project Total	1,632					1,632
C-000196	Fire Station 16 Renovation						
	4500 - Fire Consolidated Construction Fund	639					639
	Project Total	639					639
C-000200	Fire Station 64 Renovation						
	4500 - Fire Consolidated Construction Fund		1,210	4,433			5,643
	Project Total		1,210	4,433			5,643
C-000203	Fire Station 19 Renovation						
	4500 - Fire Consolidated Construction Fund	1,158					1,158
	Project Total	1,158					1,158
C-000206	Fire Station 55 Replacement						
	4500 - Fire Consolidated Construction Fund	309					309
	Project Total	309					309
C-000217	HVAC Replacements						
	1800 - Equipment Acquisition Consolidated Fund	550	550	550	250	1,000	2,900
	Project Total	550	550	550	250	1,000	2,900
C-000222	Fire Station 80 Renovation						
	4500 - Fire Consolidated Construction Fund		1,006	8,725			9,731
	Project Total		1,006	8,725			9,731

**FIRE PROTECTION FACILITIES - Summary of Funds
2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2024-2028	
		2024	2025	2026	2027	2028		
C-000224	Fire Station Security							
	1800 - Equipment Acquisition Consolidated Fund					500	500	
	Project Total					500	500	
C-000234	Fire Station 102 Renovation & Addition							
	4500 - Fire Consolidated Construction Fund					2,496	2,496	
	Project Total					2,496	2,496	
C-000238	Fire Facilities Paving							
	4500 - Fire Consolidated Construction Fund		400		400	500	1,300	
	Project Total		400		400	500	1,300	
C-000250	Fire Station 8 Structural Repairs							
	4500 - Fire Consolidated Construction Fund			160			160	
	Project Total			160			160	
C-000SAL	Salary Recovery							
	4500 - Fire Consolidated Construction Fund	941	941	941	941	941	4,707	
	Project Total	941	941	941	941	941	4,707	
C-00ROOF	Fire Facilities Roof Replacements							
	4500 - Fire Consolidated Construction Fund	1,000	1,000	1,000	325	1,000	4,325	
	Project Total	1,000	1,000	1,000	325	1,000	4,325	
C-EQ0001	Bunker Gear							
	1800 - Equipment Acquisition Consolidated Fund	1,900	1,900	1,900	1,900	1,900	9,500	
	Project Total	1,900	1,900	1,900	1,900	1,900	9,500	
C-EQ0003	Emergency Life Safety Equipment							
	1800 - Equipment Acquisition Consolidated Fund	1,929	1,700	1,700	1,700	1,920	8,949	
	Project Total	1,929	1,700	1,700	1,700	1,920	8,949	

**FIRE PROTECTION FACILITIES - Summary of Funds
2024-2028 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2024-2028	
		2024	2025	2026	2027	2028		
C-EVREMD	Environmental Remediation							
	4500 - Fire Consolidated Construction Fund	200	200	200	200		800	
	Project Total	200	200	200	200		800	
C-HARVEY	HFD HARVEY Restoration Projects							
	4039 - Misc Cap. Projects/Acquisitions CP Ser E	16,926					16,926	
	Project Total	16,926					16,926	
	Total Appropriations:	29,715	10,868	34,303	5,716	10,257	90,860	

FIRE - Department Related Projects
2024-2028 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						2024-2028
		2024	2025	2026	2027	2028	
Fleet							
W-12ADMN	HFD - Administrative						
	4500 - Fire Consolidated Construction Fund			60	66		126
	Project Total			60	66		126
W-12ERAL	HFD Emergency Resp - Aerial Ladder						
	4500 - Fire Consolidated Construction Fund	4,411	3,389	3,728	2,051	2,460	16,039
	Project Total	4,411	3,389	3,728	2,051	2,460	16,039
W-12ERAM	HFD - Emergency Resp - Ambulance						
	1800 - Equipment Acquisition Consolidated Fund	5,114					5,114
	4500 - Fire Consolidated Construction Fund		3,125	2,750	3,782	8,463	18,120
	Project Total	5,114	3,125	2,750	3,782	8,463	23,234
W-12ERES	HFD - Emergency Response Vehicles						
	4500 - Fire Consolidated Construction Fund	1,132	183	40	498		1,853
	Project Total	1,132	183	40	498		1,853
W-12ERPU	HFD - Emergency Resp - Pumper						
	4500 - Fire Consolidated Construction Fund	5,834	4,531	4,984	5,482	6,580	27,411
	Project Total	5,834	4,531	4,984	5,482	6,580	27,411
Information Technology							
X-120018	HFD - Mobile Data Computers						
	1800 - Equipment Acquisition Consolidated Fund	717			717		1,434
	Project Total	717			717		1,434
	Total Appropriations:	17,208	11,228	11,562	12,596	17,503	70,097