

The seal of the City of Houston, Texas, is a circular emblem. It features a five-pointed star at the top center. Below the star is a steam locomotive with smoke coming from its chimneys. Underneath the locomotive is a large anvil. The words "CITY OF HOUSTON" are written in a circular path around the top half of the seal, and "TEXAS" is written around the bottom half. The entire seal is rendered in a light gray, semi-transparent style.

FIRE PROTECTION FACILITIES

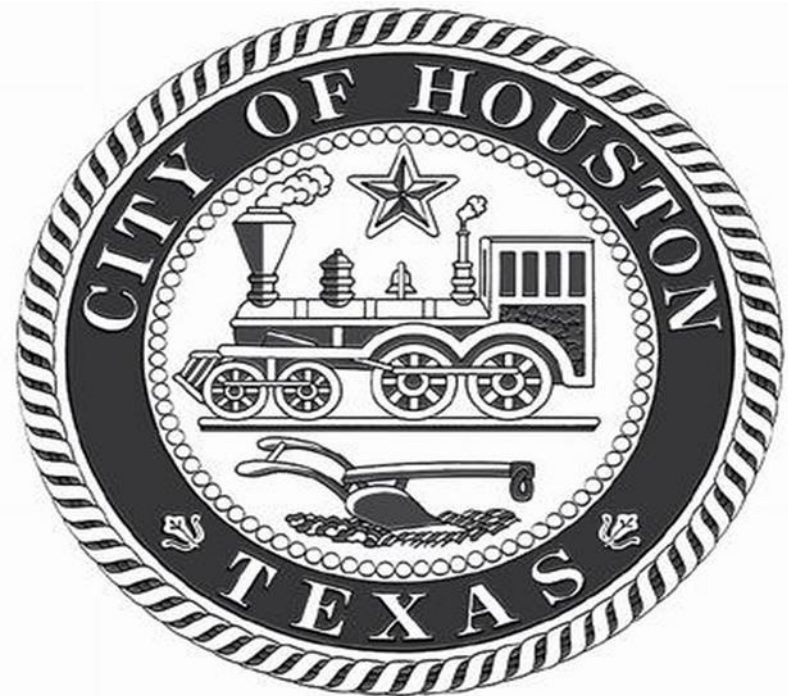
Fire Protection Facilities

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 2021 - 2025 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 and Investigative Vehicle Fleet.

Highlights of the Fiscal Year 2021 - 2025 CIP include:

- The extensive renovation of Fire Stations #16, #17, #19, #31, #64, #65, #70, #80 will extend the useful life of the facilities by replacing and upgrading core features such as; HVAC, Mechanical and Plumbing.
- Roadway expansion for the Training Academy necessary to accommodate new programs and ongoing trainings with increased personnel and apparatus.
- The project consists of design and construction of the new (4) bay Fire Station 104 approx. 15,000 SF. The project will consist of, but not limited to, new paved surface parking, site work, foundation, structure, MEP systems, furniture, appliances, landscaping, signage, traffic signal, and 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.
- Maintain a Fleet Replacement Cycle that uses data to drive cost efficiencies in the emergency response and investigative 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					2021-2025
	2021	2022	2023	2024	2025	
Planning						
Acquisition-Land	1,300			929		2,229
Design	799	1,288	303		2,318	4,708
Construction	11,083	7,311	11,694	4,905	1,200	36,193
Equipment Acquisition	2,636	3,450	3,450	3,450	3,450	16,436
Salary Recovery	941	941	941	941	941	4,707
Other	150	124	189	65	40	568
Total Allocation	16,909	13,114	16,577	10,290	7,949	64,841
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	2,636	3,450	3,450	3,450	3,450	16,436
4039 - Misc Cap. Projects/Acquisitions CP Ser E	1,300	1,311	10,678			13,289
4500 - Fire Consolidated Construction Fund	12,973	8,353	2,449	6,840	2,558	33,174
Future Bond Election					1,941	1,941
Total Funds	16,909	13,114	16,577	10,290	7,949	64,841

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
2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2021-2025	
			2021	2022	2023	2024	2025		
C-000003	FS 82 Remediation and Tanks Replacement								
	4500 - Fire Consolidated Construction Fund			307				307	
	Project Total			307				307	
C-000174	Fire Station 22 Parking Expansion								
	4500 - Fire Consolidated Construction Fund		382					382	
	Project Total		382					382	
C-000181	Fire Station 40 Replacement								
	4500 - Fire Consolidated Construction Fund					929	1,433	2,362	
	Project Total					929	1,433	2,362	
C-000185	Environmental Remediation								
	4500 - Fire Consolidated Construction Fund		200	200	200	200	200	1,000	
	Project Total		200	200	200	200	200	1,000	
C-000195	Fire Station 31 Renovation								
	4500 - Fire Consolidated Construction Fund		5,183					5,183	
	Project Total		5,183					5,183	
C-000196	Fire Station 16 Renovation								
	4500 - Fire Consolidated Construction Fund		325	3,939				4,264	
	Project Total		325	3,939				4,264	
C-000200	Fire Station 64 Renovation								
	4500 - Fire Consolidated Construction Fund						363	363	
	Project Total						363	363	
C-000201	Fire Station 70 Renovation								
	4500 - Fire Consolidated Construction Fund				308	3,770		4,078	
	Project Total				308	3,770		4,078	

FIRE PROTECTION FACILITIES - Summary of Funds
2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2021-2025	
			2021	2022	2023	2024	2025		
C-000203	Fire Station 19 Renovation								
	4500 - Fire Consolidated Construction Fund		309	1,966				2,275	
	Project Total		309	1,966				2,275	
C-000211	Fire Station 17 Renovation								
	4500 - Fire Consolidated Construction Fund		2,246					2,246	
	Project Total		2,246					2,246	
C-000213	Training Academy Gear and Cadet Lockers								
	4500 - Fire Consolidated Construction Fund		674					674	
	Project Total		674					674	
C-000214	Training Academy Road Paving								
	4500 - Fire Consolidated Construction Fund		1,713					1,713	
	Project Total		1,713					1,713	
C-000217	HVAC Replacements								
	1800 - Equipment Acquisition Consolidated Fund		550	550	550	550	550	2,750	
	Project Total		550	550	550	550	550	2,750	
C-000220	Fire Facilities Roof Replacements								
	4500 - Fire Consolidated Construction Fund		1,000	1,000	1,000	1,000		4,000	
	Future Bond Election						1,000	1,000	
	Project Total		1,000	1,000	1,000	1,000	1,000	5,000	
C-000221	Fire Station 65 Renovation								
	4500 - Fire Consolidated Construction Fund						269	269	
	Project Total						269	269	
C-000222	Fire Station 80 Renovation								
	4500 - Fire Consolidated Construction Fund						293	293	
	Project Total						293	293	

FIRE PROTECTION FACILITIES - Summary of Funds
2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2021-2025	
			2021	2022	2023	2024	2025		
C-000SAL	Salary Recovery								
	4500 - Fire Consolidated Construction Fund		941	941	941	941		3,766	
	Future Bond Election						941	941	
	Project Total		941	941	941	941	941	4,707	
C-EQ0001	Bunker Gear								
	1800 - Equipment Acquisition Consolidated Fund		1,600	1,600	1,600	1,600	1,600	8,000	
	Project Total		1,600	1,600	1,600	1,600	1,600	8,000	
C-EQ0003	Emergency Life Safety Equipment								
	1800 - Equipment Acquisition Consolidated Fund		486	1,300	1,300	1,300	1,300	5,686	
	Project Total		486	1,300	1,300	1,300	1,300	5,686	
C-HARVEY	HFD HARVEY Restoration Projects								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		1,300	1,311	10,678			13,289	
	Project Total		1,300	1,311	10,678			13,289	
	Total Appropriations:		16,909	13,114	16,577	10,290	7,949	64,841	

FIRE - Department Related Projects
2021 - 2025 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		2021	2022	2023	2024	2025	2021-2025
Fleet								
W-12ADMN	HFD - Administrative							
	4500 - Fire Consolidated Construction Fund		215	85	100	100		500
	Future Bond Election						100	100
	Project Total		215	85	100	100	100	600
W-12ERES	HFD - Emergency Response Vehicles							
	4500 - Fire Consolidated Construction Fund		12,118	10,181	10,487	10,801		43,587
	Future Bond Election						11,128	11,128
	Project Total		12,118	10,181	10,487	10,801	11,128	54,715
W-12INVG	HFD - Investigative Vehicles							
	4500 - Fire Consolidated Construction Fund		1,250	395	442	454		2,541
	Future Bond Election						468	468
	Project Total		1,250	395	442	454	468	3,009
W-12WHDB	HFD - Warehousing & Distribution							
	4500 - Fire Consolidated Construction Fund		90					90
	Project Total		90					90
Information Technology								
X-120007	HFD - EAS Upgrade							
	1800 - Equipment Acquisition Consolidated Fund				2,000	500		2,500
	Project Total				2,000	500		2,500
X-120018	HFD - Mobile Data Computers							
	1800 - Equipment Acquisition Consolidated Fund		577					577
	Project Total		577					577
X-120020	HFD - Scheduling System Replacement							
	1800 - Equipment Acquisition Consolidated Fund		528					528
	Project Total		528					528
Total Appropriations:			14,778	10,661	13,029	11,855	11,696	62,019