

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 2023-2027 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 2023-2027 CIP include:

- The extensive renovation of Fire Stations #16, #31, #64, #80, and #102 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					2023-2027
	2023	2024	2025	2026	2027	
Planning						
Acquisition-Land	1,339	929				2,268
Design	1,682		2,053		1,403	5,138
Construction	19,529	1,200	1,200	19,337	925	42,191
Equipment Acquisition	4,268	3,627	3,719	3,514	3,850	18,978
Salary Recovery	941	941	941	941	941	4,707
Other	336		36	323	25	720
Total Allocation	28,095	6,697	7,949	24,116	7,144	74,002
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	4,418	3,627	3,719	3,514	3,850	19,128
4039 - Misc Cap. Projects/Acquisitions CP Ser E	16,926					16,926
4500 - Fire Consolidated Construction Fund	5,228					5,228
Future Bond Election	1,523	3,070	4,230	20,602	3,294	32,720
Total Funds	28,095	6,697	7,949	24,116	7,144	74,002

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
2023-2027 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2023-2027	
			2023	2024	2025	2026	2027		
C-000003	FS 82 Remediation and Tanks Replacement								
	4500 - Fire Consolidated Construction Fund		307					307	
	Project Total		307					307	
C-000181	Fire Station 40 Replacement								
	Future Bond Election			929	1,433	11,327		13,689	
	Project Total			929	1,433	11,327		13,689	
C-000185	Environmental Remediation								
	4500 - Fire Consolidated Construction Fund		400					400	
	Future Bond Election			200	200	200	200	800	
	Project Total		400	200	200	200	200	1,200	
C-000194	Minor Projects and Renovations								
	Future Bond Election		100					100	
	Project Total		100					100	
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								
	Future Bond Election				363	4,433		4,796	
	Project Total				363	4,433		4,796	
C-000206	Fire Station 55 Replacement								
	4500 - Fire Consolidated Construction Fund		309					309	
	Project Total		309					309	

FIRE PROTECTION FACILITIES - Summary of Funds
2023-2027 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2023-2027	
			2023	2024	2025	2026	2027		
C-000217	HVAC Replacements								
	1800 - Equipment Acquisition Consolidated Fund		550	550	550	550	250	2,450	
	Project Total		550	550	550	550	250	2,450	
C-000220	Fire Facilities Roof Replacements								
	4500 - Fire Consolidated Construction Fund		1,000					1,000	
	Future Bond Election			1,000	1,000	1,000	325	3,325	
	Project Total		1,000	1,000	1,000	1,000	325	4,325	
C-000222	Fire Station 80 Renovation								
	Future Bond Election				293	2,700		2,993	
	Project Total				293	2,700		2,993	
C-000224	Fire Station Security								
	1800 - Equipment Acquisition Consolidated Fund		150					150	
	Project Total		150					150	
C-000234	Fire Station 102 Renovation & Addition								
	Future Bond Election						1,428	1,428	
	Project Total						1,428	1,428	
C-000236	Fire Academy Locker Rooms Renovation								
	Future Bond Election		1,323					1,323	
	Project Total		1,323					1,323	
C-000238	Fire Facilities Paving								
	Future Bond Election		100				400	500	
	Project Total		100				400	500	

FIRE PROTECTION FACILITIES - Summary of Funds
2023-2027 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2023-2027	
			2023	2024	2025	2026	2027		
C-000SAL	Salary Recovery								
	4500 - Fire Consolidated Construction Fund		941					941	
	Future Bond Election			941	941	941	941	3,766	
	Project Total		941	941	941	941	941	4,707	
C-EQ0001	Bunker Gear								
	1800 - Equipment Acquisition Consolidated Fund		1,900	1,697	1,748	1,501	1,900	8,746	
	Project Total		1,900	1,697	1,748	1,501	1,900	8,746	
C-EQ0003	Emergency Life Safety Equipment								
	1800 - Equipment Acquisition Consolidated Fund		1,818	1,379	1,421	1,463	1,700	7,781	
	Project Total		1,818	1,379	1,421	1,463	1,700	7,781	
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:		28,095	6,697	7,949	24,116	7,144	74,002	

FIRE - Department Related Projects
2023-2027 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

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

Section	Project						2023-2027
CIP No.		2023	2024	2025	2026	2027	
Fleet							
W-12ADMN	HFD - Administrative						
	4500 - Fire Consolidated Construction Fund	125					125
	Future Bond Election		100	100	100	166	466
	Project Total	125	100	100	100	166	591
W-12ERAL	HFD Emergency Resp - Aerial Ladder						
	4500 - Fire Consolidated Construction Fund	1,400					1,400
	Future Bond Election					3,075	3,075
	Project Total	1,400				3,075	4,476
W-12ERAM	HFD - Emergency Resp - Ambulance						
	4500 - Fire Consolidated Construction Fund	4,391					4,391
	Future Bond Election					2,836	2,836
	Project Total	4,391				2,836	7,227
W-12ERES	HFD - Emergency Response Vehicles						
	4500 - Fire Consolidated Construction Fund	2,289					2,289
	Future Bond Election		10,801	11,128	11,462	863	34,254
	Project Total	2,289	10,801	11,128	11,462	863	36,543
W-12ERPU	HFD - Emergency Resp - Pumper						
	4500 - Fire Consolidated Construction Fund	3,745					3,745
	Future Bond Election					4,934	4,934
	Project Total	3,745				4,934	8,679
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	409	717			717	1,843
	Project Total	409	717			717	1,843
Total Appropriations:		14,359	12,118	11,228	11,562	12,591	61,859



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