



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 2022 - 2026 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 2022 - 2026 OCIP include:

- The extensive renovation of Fire Stations #16, #17, #19, #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.
- 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					2022-2026
	2022	2023	2024	2025	2026	
Planning						
Acquisition-Land	1,339		929			2,268
Design	1,288			2,054	18,976	22,318
Construction	15,149	11,694	1,200	1,200	1,200	30,443
Equipment Acquisition	3,450	3,537	3,627	3,719	3,814	18,147
Salary Recovery	941	941	941	941	941	4,707
Other	213	184		35	30	462
Total Allocation	22,380	16,356	6,697	7,949	24,962	78,345
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	3,450	3,537	3,627	3,719	3,814	18,147
4039 - Misc Cap. Projects/Acquisitions CP Ser E	2,768	10,678				13,446
4500 - Fire Consolidated Construction Fund	16,162	2,141	1,941			20,245
Future Bond Election			1,129	4,230	21,148	26,507
Total Funds	22,380	16,356	6,697	7,949	24,962	78,345

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
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2022-2026
			2022	2023	2024	2025	2026	
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	11,328	13,690	
	Project Total			929	1,433	11,328	13,690	
C-000185	Environmental Remediation							
	4500 - Fire Consolidated Construction Fund		200	200			400	
	Future Bond Election				200	200	200	600
	Project Total		200	200	200	200	200	1,000
C-000195	Fire Station 31 Renovation							
	4500 - Fire Consolidated Construction Fund		5,176				5,176	
	Project Total		5,176				5,176	
C-000196	Fire Station 16 Renovation							
	4500 - Fire Consolidated Construction Fund		3,939				3,939	
	Project Total		3,939				3,939	
C-000200	Fire Station 64 Renovation							
	Future Bond Election				363	4,433	4,796	
	Project Total				363	4,433	4,796	
C-000203	Fire Station 19 Renovation							
	4500 - Fire Consolidated Construction Fund		2,285				2,285	
	Project Total		2,285				2,285	
C-000211	Fire Station 17 Renovation							
	4500 - Fire Consolidated Construction Fund		2,314				2,314	
	Project Total		2,314				2,314	

FIRE PROTECTION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
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								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		118					118	
	4500 - Fire Consolidated Construction Fund		1,000	1,000	1,000			3,000	
	Future Bond Election					1,000	1,000	2,000	
	Project Total		1,118	1,000	1,000	1,000	1,000	5,118	
C-000222	Fire Station 80 Renovation								
	Future Bond Election					293	2,700	2,993	
	Project Total					293	2,700	2,993	
C-000234	Fire Station 102 Renovation & Addition								
	Future Bond Election						545	545	
	Project Total						545	545	
C-000SAL	Salary Recovery								
	4500 - Fire Consolidated Construction Fund		941	941	941			2,824	
	Future Bond Election					941	941	1,883	
	Project Total		941	941	941	941	941	4,707	
C-EQ0001	Bunker Gear								
	1800 - Equipment Acquisition Consolidated Fund		1,600	1,648	1,697	1,748	1,801	8,494	
	Project Total		1,600	1,648	1,697	1,748	1,801	8,494	
C-EQ0003	Emergency Life Safety Equipment								
	1800 - Equipment Acquisition Consolidated Fund		1,300	1,339	1,379	1,421	1,463	6,902	
	Project Total		1,300	1,339	1,379	1,421	1,463	6,902	

FIRE PROTECTION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
C-HARVEY HFD HARVEY Restoration Projects									
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		2,650	10,678				13,328	
	Project Total		2,650	10,678				13,328	
	Total Appropriations:		22,380	16,356	6,697	7,949	24,962	78,345	

FIRE - Department Related Projects
2022-2026 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		2022	2023	2024	2025	2026	2022-2026
CIP No.								
Fleet								
W-12ADMIN HFD - Administrative								
	4500 - Fire Consolidated Construction Fund		100	100				200
	Future Bond Election				100	100		200
	Project Total		100	100	100	100		400
W-12ERES HFD - Emergency Response Vehicles								
	4500 - Fire Consolidated Construction Fund	10,271	10,487					20,758
	Future Bond Election			10,801	11,128	11,462		33,391
	Project Total	10,271	10,487	10,801	11,128	11,462		54,149
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		100					100
	Project Total		100					100
	Total Appropriations:	10,371	12,587	11,401	11,228	11,562		57,149



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