

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 arched across the top, and "TEXAS" is arched across the bottom. 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 through the Capital Improvement Plan.

The Fiscal Year 2019 - 2023 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 upgrading the Training Academy to continue advanced education for the Houston Fire Department.

Highlights of the Fiscal Year 2019 - 2023 Adopted CIP include:

- The extensive renovation of Fire Stations #16, #17, #19 and #64 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.
- Design and construction of the new 4 bay Fire Station 104 that will be approximately 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. The current Fire Station was severely damaged during Hurricane Harvey.



Project Allocation	Fiscal Year Planned Appropriations					2019-2023
	2019	2020	2021	2022	2023	
Planning						
Acquisition-Land	164				886	1,050
Design	1,278	51	177		162	1,668
Construction	4,655	10,864	7,577	1,507	1,200	25,803
Equipment Acquisition	3,450	2,900	3,450	2,900	3,450	16,150
Salary Recovery	509	509	509	509	509	2,545
Other	83	175	69		18	344
Total Allocation	10,139	14,499	11,781	4,916	6,225	47,561
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	3,450	2,900	3,450	2,900	3,450	16,150
4039 - Misc Cap. Projects/Acquisitions CP Ser E	2,787	10,885	1,000	1,000	93	15,765
4500 - Fire Consolidated Construction Fund	3,902	714	7,331	1,016	2,682	15,645
Total Funds	10,139	14,499	11,781	4,916	6,225	47,561

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
2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2019-2023	
			2019	2020	2021	2022	2023		
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						901	901	
	Project Total						901	901	
C-000185	Environmental Remediation								
	4500 - Fire Consolidated Construction Fund		122	100	100	200	200	722	
	Project Total		122	100	100	200	200	722	
C-000196	Fire Station 16 Renovation								
	4500 - Fire Consolidated Construction Fund			52	1,494			1,546	
	Project Total			52	1,494			1,546	
C-000200	Fire Station 64 Renovation								
	4500 - Fire Consolidated Construction Fund			53	1,763			1,816	
	Project Total			53	1,763			1,816	
C-000201	Fire Station 70 Renovation								
	4500 - Fire Consolidated Construction Fund						55	55	
	Project Total						55	55	
C-000203	Fire Station 19 Renovation								
	4500 - Fire Consolidated Construction Fund		1,463					1,463	
	Project Total		1,463					1,463	

FIRE PROTECTION FACILITIES - Summary of Funds
2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2019-2023	
			2019	2020	2021	2022	2023		
C-000211	Fire Station 17 Renovation								
	4500 - Fire Consolidated Construction Fund		1,808					1,808	
	Project Total		1,808					1,808	
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	1,650	
	Project Total		550		550		550	1,650	
C-000219	Fire Station 80 Foundation								
	4500 - Fire Consolidated Construction Fund				696			696	
	Project Total				696			696	
C-000220	Fire Facilities Roof Replacements								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		1,000	1,000	1,000	1,000	93	4,093	
	4500 - Fire Consolidated Construction Fund						907	907	
	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						54	54	
	Project Total						54	54	
C-000222	Fire Station 80 Renovation								
	4500 - Fire Consolidated Construction Fund						56	56	
	Project Total						56	56	

FIRE PROTECTION FACILITIES - Summary of Funds
2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2019-2023	
			2019	2020	2021	2022	2023		
C-000SAL	Salary Recovery								
	4500 - Fire Consolidated Construction Fund		509	509	509	509	509	2,545	
	Project Total		509	509	509	509	509	2,545	
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-EQ0002	Life Safety Equipment								
	1800 - Equipment Acquisition Consolidated Fund		650	650	650	650	650	3,250	
	Project Total		650	650	650	650	650	3,250	
C-EQ0003	Emergency Response Equipment								
	1800 - Equipment Acquisition Consolidated Fund		650	650	650	650	650	3,250	
	Project Total		650	650	650	650	650	3,250	
C-HARVEY	HFD HARVEY Restoration Projects								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		1,787	9,885				11,672	
	Project Total		1,787	9,885				11,672	
Total Appropriations:			10,139	14,499	11,781	4,916	6,225	47,561	

FIRE - Department Related Projects
2019 - 2023 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	Fiscal Year Planned Appropriations					2019 -2023
CIP No.		2019	2020	2021	2022	2023	
Fleet							
W-12ADMN	HFD - Administrative						
	4500 - Fire Consolidated Construction Fund	100	67	100		100	367
	Project Total	100	67	100		100	367
W-12ERES	HFD - Emergency Response Vehicles						
	4500 - Fire Consolidated Construction Fund	10,147	9,778	10,378	10,403	10,196	50,902
	Project Total	10,147	9,778	10,378	10,403	10,196	50,902
W-12INVG	HFD - Investigative Vehicles						
	4500 - Fire Consolidated Construction Fund	451	399	324	319	468	1,961
	Project Total	451	399	324	319	468	1,961
W-12WHDB	HFD - Warehousing & Distribution						
	4500 - Fire Consolidated Construction Fund		35		85	35	155
	Project Total		35		85	35	155
Information Technology							
X-120007	HFD - EAS Upgrade						
	1800 - Equipment Acquisition Consolidated Fund					2,000	2,000
	Project Total					2,000	2,000
Total Appropriations:		10,698	10,279	10,802	10,807	12,799	55,385



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