
FIRE PROTECTION FACILITIES 2025-2029 CAPITAL IMPROVEMENT PLAN

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2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 40 Replacement 5830 OLD SPANISH TRAIL	Project No.	C-000181	
Project Description			
Construction of a new 3-bay fire station will relieve over-extended resources by increasing the potential to add additional resources for the growing population and high emergency call volume and increase living area and equipment storage thereby providing a safer and healthier living environment for firefighters.	City Council District		
	Location	I	Address Descr 2:
	Served:	I	Zip Codes: 77071
	Key Map:		Category:
	Location Code: FD-540		Sub-Category:
Project Justification			
Fire Station #40 is amongst the busiest stations in the City of Houston's southeast side. It serves the Lawndale community which is continuously growing in population and emergency service call volume. The fire station currently has 2 bays with limited resources and living capacity to meet the needs of the community.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land	3,570	3,527				7,097
Design	1,562					1,562
Construction	121	11,129				11,250
Equipment Acquisition						
Salary Recovery						
Other	29	198				227
Total Allocation	5,282	14,854				20,136
Source of Funds						
4500 - Fire Consolidated Construction Fund	5,282	14,854				20,136
Total Funds	5,282	14,854				20,136

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 64 Renovation 3000 GREENS RD	Project No.		C-000200	
Project Description				
Interior will be demolished and re-designed for better use of space. Walls, electrical, plumbing, mechanical, flooring, ceilings, millwork, appliances, furniture, carbon monoxide exhaust system, overhead doors with operators, security systems, IT/radio communication system will be replaced.	City Council District			
	Location	B	Address Descr 2:	
	Served:	B	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The City of Houston initiated a facility condition assessment of all City owned buildings, including all Fire Department facilities. The results of the assessment identified numerous deficiencies that require immediate attention pertaining to life safety, code compliance or environmental issues.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	828					828
Construction	134	9,655				9,789
Equipment Acquisition						
Salary Recovery						
Other	17	169				186
Total Allocation	979	9,824				10,803
Source of Funds						
4500 - Fire Consolidated Construction Fund	979	9,824				10,803
Total Funds	979	9,824				10,803

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: HVAC Replacements VARIOUS LOCATIONS	Project No.		C-000217	
Project Description				
Start an annual HVAC program to replace, renovate, or repair HVAC systems.	City Council District			
	Location	VARIOUS	Address Descr 2:	
	Served:	VARIOUS	Zip Codes:	
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
Many HVAC systems throughout HFD have operated beyond their expected life and can no longer maintain a safe, comfortable working environment.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	550	550	250	1,000		2,350
Salary Recovery						
Other						
Total Allocation	550	550	250	1,000		2,350
Source of Funds						
4500 - Fire Consolidated Construction Fund	550	550	250	1,000		2,350
Total Funds	550	550	250	1,000		2,350

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 80 Renovation 16111 CHIMNEY ROCK	Project No.		C-000222	
Project Description				
Interior will be demolished and re-designed for better use of space. Walls, electrical, plumbing, mechanical, flooring, ceilings, millwork, appliances, furniture, carbon monoxide exhaust system, overhead doors with operators, security systems, IT/radio communication system will be replaced.	City Council District			
	Location	K	Address Descr 2:	
	Served:	K	Zip Codes:	77489
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The City of Houston initiated a facility condition assessment of all City owned buildings, including all Fire Department facilities. The results of the assessment identified numerous deficiencies that require immediate attention pertaining to life safety, code compliance or environmental issues.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	1,001					1,001
Construction		8,678				8,678
Equipment Acquisition						
Salary Recovery						
Other	5	47				52
Total Allocation	1,006	8,725				9,731
Source of Funds						
4500 - Fire Consolidated Construction Fund	1,006	8,725				9,731
Total Funds	1,006	8,725				9,731

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station Security VARIOUS LOCATIONS	Project No.		C-000224	
Project Description				
Purchase and install electric access gates with Opticom's and cameras for each fire station thereby increasing security for HFD and Municipal workers.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The intent of this program is to improve the security of the HFD/ Municipal workforce by better securing city property with electric keypad access gates and cameras. This funding will be for all HFD fire stations where city vehicles are parked, have fuel islands and that are in high crime areas.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	300			500		800
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	300			500		800
Source of Funds						
4500 - Fire Consolidated Construction Fund	300			500		800
Total Funds	300			500		800

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 102 Renovation & Addition 4102 W LAKE HOUSTON PKWY		Project No.		C-000234	
Project Description					
Interior will be demolished and re-designed for better use of space. Walls, electrical, plumbing, mechanical, flooring, ceilings, millwork, appliances, furniture, carbon monoxide exhaust system, overhead doors with operators, security systems, IT/radio communication system will be replaced.		City Council District			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:		Category:	
		Location Code:	FD-691	Sub-Category:	
Project Justification					
The City of Houston initiated a facility condition assessment of all City owned buildings, including all Fire Department facilities. The results of the assessment identified numerous deficiencies that require immediate attention pertaining to life safety, code compliance or environmental issues.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design				1,428		1,428
Construction				1,068		1,068
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation				2,496		2,496
Source of Funds						
4500 - Fire Consolidated Construction Fund				2,496		2,496
Total Funds				2,496		2,496

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Facilities Paving VARIOUS LOCATIONS	Project No.		C-000238	
Project Description				
Patch or replace paving/concrete at various HFD facilities.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
Various HFD facilities have severe paving/concrete issues.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	400					400
Construction			400	500		900
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	400		400	500		1,300
Source of Funds						
4500 - Fire Consolidated Construction Fund	400		400	500		1,300
Total Funds	400		400	500		1,300

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 8 Structural Repairs 1919 LOUISIANA	Project No.		C-000250	
Project Description				
Repairs to address structural issues of the foundation at Fire Station 8.	City Council District			
	Location	I	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77002
	Key Map:		Category:	
	Location Code:	FD-555	Sub-Category:	
Project Justification				
Repairs to address structural issues of the foundation at Fire Station 8. The building has experienced distress in the form of cracking in the finishes and separation between interior walls and floor. The distress is more pronounced at the north side of the building within the sleeping rooms and restrooms for the firefighters.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	160					160
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	160					160
Source of Funds						
4500 - Fire Consolidated Construction Fund	160					160
Total Funds	160					160

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 44 Apparatus Bay Raise 675 MAXEY RD.		Project No.		C-000268	
Project Description					
Raise the height of the apparatus bay so the newly acquired fire truck will fit into the bay.		City Council District			
		Location	I	Address Descr 2:	
		Served:	VARIOUS	Zip Codes:	77013
		Key Map:		Category:	
		Location Code:	FD-691	Sub-Category:	
Project Justification					
The newly acquired fire trucks are larger in height and will not fit into the existing apparatus bay.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design					50	50
Construction					200	200
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation					250	250
Source of Funds						
4500 - Fire Consolidated Construction Fund					250	250
Total Funds					250	250

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Salary Recovery VARIOUS LOCATIONS	Project No.		C-000SAL	
Project Description				
Salary recovery for major, minor, and environmental projects.	City Council District			
	Location	VARIOUS	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
General Services Department will perform work for client departments as necessary for facilities.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery	941	941	941	941	941	4,705
Other						
Total Allocation	941	941	941	941	941	4,705
Source of Funds						
4500 - Fire Consolidated Construction Fund	941	941	941	941	941	4,705
Total Funds	941	941	941	941	941	4,705

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Facilities Roof Replacements VARIOUS LOCATIONS	Project No.		C-00ROOF	
Project Description				
Start an annual roofing program to replace, renovate, or repair HFD roofs.	City Council District			
	Location	VARIOUS	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Many of the roofing systems are beyond the expected life cycle or have been damaged.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	1,000	1,000	325	1,000		3,325
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	1,000	1,000	325	1,000		3,325
Source of Funds						
4500 - Fire Consolidated Construction Fund	1,000	1,000	325	1,000		3,325
Total Funds	1,000	1,000	325	1,000		3,325

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Bunker Gear 1205 DART ST.	Project No.		C-EQ0001	
Project Description				
There are approximately 3,600 sets of bunker gear assigned in the field. HFD replaces approximately 10% of the bunker gear per year because of mandatory retirement due to age. Additional gear is retired prematurely due to excessive wear or damage. Approximately 300 sets are issued to firefighter trainees each year.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77002
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
Per National Fire Protection Association (NFPA), bunker gear has a lifespan of 10 years. The fabric used in bunker gear wears down from heat, smoke, and other fire hazards. Gear can also be prematurely retired due to damage or excessive wear.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	1,900	1,900	1,900	1,900	3,000	10,600
Salary Recovery						
Other						
Total Allocation	1,900	1,900	1,900	1,900	3,000	10,600
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	1,900	1,900	1,900	1,900	3,000	10,600
Total Funds	1,900	1,900	1,900	1,900	3,000	10,600

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Emergency Life Safety Equipment 1205 DART ST.	Project No.		C-EQ0003	
Project Description				
These funds will allow Houston firefighters to receive the equipment they need to work when they are out in the field and stations. Without funding for this, firefighters cannot successfully carry out their job duties to fight fires and save lives.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77002
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Equipment needed is specifically to provide firefighters with the proper assistance needed to deliver emergency services daily. Items such as hydraulic stretchers which are critical for fire paramedics, require a 10% replacement per year. Breathing cylinders have a 10-year life span with mandatory retirement parameters.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	2,285	1,700	1,700	1,920	3,000	10,605
Salary Recovery						
Other						
Total Allocation	2,285	1,700	1,700	1,920	3,000	10,605
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	2,285	1,700	1,700	1,920	3,000	10,605
Total Funds	2,285	1,700	1,700	1,920	3,000	10,605

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Environmental Remediation VARIOUS LOCATIONS	Project No.		C-EVREMD	
Project Description				
Provide environmental related services to support departmental missions and objectives. Services include abatement/remediation of asbestos, lead, indoor air, contaminated soil and groundwater, underground storage tank removal and replacement, and demolitions.	City Council District			
	Location	VARIOUS	Address Descr 2:	
	Served:	VARIOUS	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Department is required to comply with environmental permits to continue to operate and maintain mission objectives.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	359	200	200			759
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	359	200	200			759
Source of Funds						
4500 - Fire Consolidated Construction Fund	359	200	200			759
Total Funds	359	200	200			759

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 104		Project No.		C-FS0104	
Project Description					
Acquire property within the current service area that is outside of the flood plain to design and construct a new 4-bay replacement station.		City Council District			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:		Category:	
		Location Code:	FD-526	Sub-Category:	
Project Justification					
The existing 2-bay Fire Station #104 was severely flooded and damaged during Hurricane Harvey. The station is currently located near the San Jacinto River and within the 100-year flood plain. This station is also too small for the current area service needs and does not meet current HFD standards for apparatus or living conditions.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land	1,339					1,339
Design	1,682					1,682
Construction	13,609					13,609
Equipment Acquisition						
Salary Recovery						
Other	296					296
Total Allocation	16,926					16,926
Source of Funds						
4500 - Fire Consolidated Construction Fund	16,926					16,926
Total Funds	16,926					16,926