
FIRE PROTECTION FACILITIES 2027-2031 CAPITAL IMPROVEMENT PLAN

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2027-2031 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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design	964					964
Construction	126	8,839				8,965
Equipment Acquisition						
Salary Recovery						
Other	19	155				174
Total Allocation	1,109	8,994				10,103
Source of Funds						
4500 - Fire Consolidated Construction Fund	1,109	8,994				10,103
Total Funds	1,109	8,994				10,103

2027-2031 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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	100	600		300		1,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	100	600		300		1,000
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund						
4500 - Fire Consolidated Construction Fund	100					100
Future Bond Election		600		300		900
Total Funds	100	600		300		1,000

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 46 Improvements 3902 CORDER ST.	Project No.		C-000232	
Project Description				
Raising the header height of the apparatus bay door allows the new aerial ladder truck to park in the apparatus bay.	City Council District			
	Location	D	Address Descr 2:	
	Served:	D	Zip Codes:	
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The newly acquired ladder truck is taller and cannot fit into the existing apparatus bay. Raising the header height of the apparatus bay door allows the new aerial ladder truck to park in the apparatus bay.	Units:	0		
	Start Year:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design	80					80
Construction	225					225
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	305					305
Source of Funds						
4500 - Fire Consolidated Construction Fund	305					305
Total Funds	305					305

2027-2031 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, and overhead doors with operators.	City Council District			
	Location	E	Address Descr 2:	
	Served:	E	Zip Codes:	77345
	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						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction				14,531		14,531
Equipment Acquisition						
Salary Recovery						
Other			1,644	254		1,898
Total Allocation			1,644	14,785		16,429
Source of Funds						
Future Bond Election			1,644	14,785		16,429
Total Funds			1,644	14,785		16,429

2027-2031 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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	500	500		500	500	2,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	500	500		500	500	2,000
Source of Funds						
4500 - Fire Consolidated Construction Fund	500					500
Future Bond Election		500		500	500	1,500
Total Funds	500	500		500	500	2,000

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 7 Raising Apparatus Bay Dr 1402 ELGIN ST.	Project No.		C-000296	
Project Description				
Raising the header height of the apparatus bay door allows the new aerial ladder truck to park in the apparatus bay.	City Council District			
	Location	D	Address Descr 2:	
	Served:	D	Zip Codes:	77004
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The newly acquired ladder truck is taller and cannot fit into the existing apparatus bay. Raising the header height of the apparatus bay door allows the new aerial ladder truck to park in the apparatus bay.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design	85					85
Construction	755					755
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	840					840
Source of Funds						
4500 - Fire Consolidated Construction Fund	840					840
Total Funds	840					840

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 93 Fuel Tank Replacement 911 FM 1959 (DIXIE FARM RD.)	Project No.		C-000298	
Project Description				
Remove and replace the existing fuel tank with a new fuel tank that meets all code requirements.	City Council District			
	Location	D	Address Descr 2:	
	Served:	D	Zip Codes:	77546
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The fuel tanks at this site have exceeded their useful life and are currently failing. Remediation and replacement of fuel tanks is required to mitigate the risk of fuel leakage and to meet TCEQ requirements prior to the site reaching the 30-year life expectancy.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	1,080					1,080
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	1,080					1,080
Source of Funds						
4500 - Fire Consolidated Construction Fund	1,080					1,080
Total Funds	1,080					1,080

2027-2031 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	CITYWIDE	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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery	941	941	941	951	951	4,725
Other						
Total Allocation	941	941	941	951	951	4,725
Source of Funds						
4500 - Fire Consolidated Construction Fund	941					941
Future Bond Election		941	941	951	951	3,784
Total Funds	941	941	941	951	951	4,725

2027-2031 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	CITYWIDE	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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	325	1,000	750		500	2,575
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	325	1,000	750		500	2,575
Source of Funds						
4500 - Fire Consolidated Construction Fund	325					325
Future Bond Election		1,000	750		500	2,250
Total Funds	325	1,000	750		500	2,575

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: HFD FCA Electrical Fire Protect-Plumbing VARIOUS LOCATIONS	Project No.		C-EFPP00	
Project Description				
Address items that correct safety hazards, stop accelerated deterioration, return a facility to operation, and items that may cause intermittent operations or rapid deterioration.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code: FD-691		Sub-Category:	
Project Justification				
The City of Houston has an aging facility portfolio with an abundance of deferred maintenance and capital reinvestment needs. To obtain a clearer picture of the facility needs, GSD had a third-party perform a Facility Condition Assessment (FCA). The FCA identified many systems that have failed or are beyond their useful life.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	500				500	1,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	500				500	1,000
Source of Funds						
4500 - Fire Consolidated Construction Fund	500					500
Future Bond Election					500	500
Total Funds	500				500	1,000

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Bunker Gear	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:	
	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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	2,325	1,900	3,000	3,750	4,000	14,975
Salary Recovery						
Other						
Total Allocation	2,325	1,900	3,000	3,750	4,000	14,975
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	2,325	1,900				4,225
Future Bond Election			3,000	3,750	4,000	10,750
Total Funds	2,325	1,900	3,000	3,750	4,000	14,975

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Emergency Life Safety Equipment	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:	
	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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	1,928	1,920	3,000	3,750	4,000	14,598
Salary Recovery						
Other						
Total Allocation	1,928	1,920	3,000	3,750	4,000	14,598
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	1,928	1,920				3,848
Future Bond Election			3,000	3,750	4,000	10,750
Total Funds	1,928	1,920	3,000	3,750	4,000	14,598

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Airpack (SCBA) and filling systems	Project No.		C-EQ0008	
Project Description				
Replace all SCBA System for the Houston Fire Department.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
Current SCBA & fill system no longer meet NFPA 1970 (2025 Edition) requirements. Key deficiencies include the lack of Universal Emergency Breathing Safety Systems for cross-manufacturer interoperability & outdated End-of-Service-Time Indicators.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition	5,000					5,000
Salary Recovery						
Other						
Total Allocation	5,000					5,000
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	5,000					5,000
Total Funds	5,000					5,000

2027-2031 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	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	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:	2025		
	RCC Total	\$	RCA Total	\$

Project Allocation						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction	200					200
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	200					200
Source of Funds						
4500 - Fire Consolidated Construction Fund	200					200
Total Funds	200					200

2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: HFD FCA HVAC	Project No.		C-HVAC00	
Project Description				
Annual HVAC program to replace, renovate, or repair HVAC systems.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code: UA-00		Sub-Category:	
Project Justification				
Replace HVAC systems throughout the HFD facilities that 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						2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land						
Design						
Construction					500	500
Equipment Acquisition	500	1,000		750		2,250
Salary Recovery						
Other						
Total Allocation	500	1,000		750	500	2,750
Source of Funds						
4500 - Fire Consolidated Construction Fund	500					500
Future Bond Election		1,000		750	500	2,250
Total Funds	500	1,000		750	500	2,750