



FIRE PROTECTION FACILITIES

FIRE PROTECTION FACILITIES

The Houston Fire Department is committed to providing a superior level of emergency service that continually improves the quality of life, health and safety of the people we serve--the citizens of Houston. Houston Fire does this by serving the community with Courage, Commitment and Compassion.

The Fire program for the FY2013–2017 Capital Improvement Plan incorporates a three-point plan of new construction, renovation/rehabilitation, and relocation to expand and maintain its network of fire stations and facilities in support of its infrastructure.

This November 2012 voters will decide whether to authorize \$144 million in borrowing for public safety projects; \$37.4 million of this is the primary funding source for Fire Protection Facilities in FY2014-2017 (identified as “Future Bond Election”). The primary funding source, at \$10.1 million, in FY2013 is property tax supported public improvement bonds.

Highlights of the Adopted FY2013 – 2017 CIP include:

- The renovation of Fire Station 29 and Fire Station 42 (C-000122)
- Design and construction of new Fire Station 84 (C-000056)
- New Fire Station 95 (C-000113)
- Fuel Tank Maintenance & Replacement (C-000170)
- Expansion of Fire Stations 22, 40, 55, and 67.
- Continue the replacement and repair of various structural slabs, parking areas and driveways.

Project Allocation	Previous Appropriations	Fiscal Year Planned Appropriations					2013-2017	Total
		2013	2014	2015	2016	2017		
Planning	239							239
Acquisition-Land	309							309
Design	725	144		195			339	1,064
Construction	20,484	14,634	10,805	9,145	4,475	9,750	48,809	69,293
Equipment Acquisition	677	400	1,500	500	500	600	3,500	4,177
Project Closeout								
Other		484	420	385	350	350	1,989	1,989
Total Allocation	22,434	15,662	12,725	10,225	5,325	10,700	54,637	77,071
Source of Funds								
1850 - Reimbursement of Equipment/Projects Fund	252							252
4500 - Fire Consolidated Construction Fund	22,182	9,499	600				10,099	32,281
Future Bond Election			11,125	10,225	5,325	10,700	37,375	37,375
TBD								
TIRZ		6,163	1,000				7,163	7,163
Total Funds	22,434	15,662	12,725	10,225	5,325	10,700	54,637	77,071

**FIRE PROTECTION FACILITIES - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2013-2017
		2013	2014	2015	2016	2017	
C-000056	New Fire Station 84						
	4500 - Fire Consolidated Construction Fund	612					612
	TIRZ	6,163	1,000				7,163
	Project Total	6,775	1,000				7,775
C-000089	Replace Fire Station Slabs						
	4500 - Fire Consolidated Construction Fund	400					400
	Future Bond Election		500	400	500	600	2,000
	Project Total	400	500	400	500	600	2,400
C-0000EQ	Property Management Equip. Replacement						
	4500 - Fire Consolidated Construction Fund	400					400
	Future Bond Election		500	500	500	600	2,100
	Project Total	400	500	500	500	600	2,500
C-0000NA	Contingencies for Fuel/Fleet Replacement						
	4500 - Fire Consolidated Construction Fund	50					50
	Future Bond Election		25	50	25	25	125
	Project Total	50	25	50	25	25	175
C-000113	New Fire Station # 95						
	Future Bond Election		5,405				5,405
	Project Total		5,405				5,405
C-000122	Fire Station Renovation Program						
	4500 - Fire Consolidated Construction Fund	3,450					3,450
	Future Bond Election		4,175	3,625	3,250	7,450	18,500
	Project Total	3,450	4,175	3,625	3,250	7,450	21,950
C-000170	Fuel Tank Replacement & Remediation						
	4500 - Fire Consolidated Construction Fund	1,300	600				1,900

**FIRE PROTECTION FACILITIES - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2013-2017
		2013	2014	2015	2016	2017	
	Future Bond Election		100	1,750	700	350	2,900
	Project Total	1,300	700	1,750	700	350	4,800
C-000174	Fire Station 22 Expansion						
	Future Bond Election			1,965			1,965
	Project Total			1,965			1,965
C-000177	Fuel Force System						
	4500 - Fire Consolidated Construction Fund	150					150
	Future Bond Election			25		25	50
	Project Total	150		25		25	200
C-000180	Fire Station 67 Expansion						
	4500 - Fire Consolidated Construction Fund	1,474					1,474
	Project Total	1,474					1,474
C-000181	Fire Station 40 Expansion						
	4500 - Fire Consolidated Construction Fund	1,179					1,179
	Project Total	1,179					1,179
C-000183	Future Fire Station Expansion						
	Future Bond Election			1,525		1,300	2,825
	Project Total			1,525		1,300	2,825
C-000SAL	Fire Salary Recovery						
	4500 - Fire Consolidated Construction Fund	325					325
	Future Bond Election		325	350	350	350	1,375
	TBD						
	Project Total	325	325	350	350	350	1,700
C-CIVART	Civic Art Pool - HFD						
	4500 - Fire Consolidated Construction Fund	159					159

FIRE PROTECTION FACILITIES - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2013-2017
		2013	2014	2015	2016	2017	
	Future Bond Election		95	35			130
	Project Total	159	95	35			289
Total Appropriations:		15,662	12,725	10,225	5,325	10,700	54,637

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: New Fire Station 84 10859 Ella Blvd. - Houston, TX 77067	Project No.		C-000056	
Project Description				
Project provides for the design and construction of a new fire station with equipment. Site has been acquired. Design is mostly complete. This station will house an engine, ambulance and squad. Civic Art contribution of \$112k in FY13.	City Council District			
	Location	B	Key Map	
	Served:	A,B	Location Code	FD-584
	Category		Sub-Cat	
Project Justification				
Project will relieve over-extended resources within the City. FS #74 currently serves this area and is over 4.5 miles away. The service area is a combination of warehouses, commercial offices and wood frame apartments.	Units	0		
	Start Year	2009		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	687						687	
Construction	100	6,775				6,775	6,875	
Equipment Acquisition			1,000			1,000	1,000	
Project Closeout								
Other								
Total Allocation	787	6,775	1,000			7,775	8,562	
Source of Funds								
1850 - Reimbursement of Equipment/Projects Fund	100						100	
4500 - Fire Consolidated Construction Fund	687	612				612	1,299	
TIRZ		6,163	1,000			7,163	7,163	
Total Funds	787	6,775	1,000			7,775	8,562	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Replace Fire Station Slabs FACILITY UNASSIGNED - , TX 77002		Project No.		C-000089	
Project Description					
Project provides for the testing, evaluation, design, and replacement (where necessary) of structural slabs at various fire stations in coordination with the renovation program.		City Council District			
		Location	V	Key Map	
		Served:	W	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
Project needed to extend the useful life of the buildings.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	61							61
Design								
Construction	1,755	400	500	400	500	600	2,400	4,155
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	1,816	400	500	400	500	600	2,400	4,216
Source of Funds								
4500 - Fire Consolidated Construction Fund	1,816	400					400	2,216
Future Bond Election			500	400	500	600	2,000	2,000
Total Funds	1,816	400	500	400	500	600	2,400	4,216

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Property Management Equip. Replacement FACILITY UNASSIGNED - , TX 77002	Project No.		C-0000EQ	
Project Description				
Equipment housed in various Fire facilities is sometimes outdated or nonfunctional.	City Council District			
	Location	V	Key Map	
	Served:	W	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
To extend the useful life of facilities often requires the replacement of equipment.	Units	0		
	Start Year	2008		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction	268							268
Equipment Acquisition	677	400	500	500	500	600	2,500	3,177
Project Closeout								
Other								
Total Allocation	945	400	500	500	500	600	2,500	3,445
Source of Funds								
4500 - Fire Consolidated Construction Fund	945	400					400	1,345
Future Bond Election			500	500	500	600	2,100	2,100
Total Funds	945	400	500	500	500	600	2,500	3,445

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Contingencies for Fuel/Fleet Replacement FACILITY UNASSIGNED - , TX 77002	Project No.		C-0000NA	
Project Description				
These funds are available for unanticipated over-runs and other expenditures.	City Council District			
	Location	V	Key Map	
	Served:	W	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Cost estimates for planned projects cannot be firm until detailed plans and construction bids are available.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction		50	25	50	25	25	175	175
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation		50	25	50	25	25	175	175
Source of Funds								
4500 - Fire Consolidated Construction Fund		50					50	50
Future Bond Election			25	50	25	25	125	125
Total Funds		50	25	50	25	25	175	175

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: New Fire Station # 95 11212 CULLEN BLVD - Houston, TX 77047	Project No.		C-000113	
Project Description				
Project provides for the design of a new fire station with equipment and apparatus, including an engine, an ambulance and a squad. Site has been acquired. Civic Art contribution of \$195k in FY14.	City Council District			
	Location	E	Key Map	
	Served:	E	Location Code	FD-555
	Category		Sub-Cat	
Project Justification				
Build-out of Pine Brook area is over-extending available facilities. The area is currently served by Station #71 which is over 3 miles away.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction			5,405				5,405	5,405
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation			5,405				5,405	5,405
Source of Funds								
Future Bond Election			5,405				5,405	5,405
Total Funds			5,405				5,405	5,405

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station Renovation Program 1995 DAIRY ASHFORD - Houston, TX 77077		Project No.		C-000122	
Project Description					
Project provides for various in-house improvements to existing fire stations. Improvements may include HVAC, Ceilings, roofs, walls, floors, wiring, plumbing, electrical equipment, generators, and appliances are repaired/renovated by city employees. FY13 planned stations are 29 & 42.		City Council District			
		Location	V	Key Map	
		Served:	W	Location Code	FD-575
		Category		Sub-Cat	
Project Justification					
To extend the useful life of existing infrastructure. This project also avoids the cost of relocating existing stations.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	38							38
Construction	16,423	3,450	4,175	3,625	3,250	7,450	21,950	38,373
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	16,461	3,450	4,175	3,625	3,250	7,450	21,950	38,411
Source of Funds								
4500 - Fire Consolidated Construction Fund	16,461	3,450					3,450	19,911
Future Bond Election			4,175	3,625	3,250	7,450	18,500	18,500
Total Funds	16,461	3,450	4,175	3,625	3,250	7,450	21,950	38,411

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fuel Tank Replacement & Remediation 4910 N. MCCARTY - Houston, TX 77013		Project No.		C-000170	
Project Description					
Tanks are used by the Fire Department throughout the City.		City Council District			
		Location	I	Key Map	
		Served:	V	Location Code	FD-545
		Category		Sub-Cat	
Project Justification					
Replace fuel tanks that have reached or exceeded their useful service life to maintain adequate fuel service for HFD throughout the city.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction	1,938	1,300	700	1,750	700	350	4,800	6,738
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	1,938	1,300	700	1,750	700	350	4,800	6,738
Source of Funds								
4500 - Fire Consolidated Construction Fund	1,938	1,300	600				1,900	3,838
Future Bond Election			100	1,750	700	350	2,900	2,900
Total Funds	1,938	1,300	700	1,750	700	350	4,800	6,738

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 22 Expansion 7825 HARRISBURG - Houston, TX 77012		Project No.		C-000174	
Project Description					
The addition of two apparatus bays and improvements such as living quarters, parking and access driveways.Civic Art contribution of \$35k in FY15.		City Council District			
		Location	I	Key Map	
		Served:	I	Location Code	FD-522
		Category		Sub-Cat	
Project Justification					
Requires an extra bay and additional living quarters to provide adequate public safety services.		Units	0		
		Start Year	2009		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	96						96	
Design				195			195	
Construction				1,770			1,770	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	96			1,965			1,965	
Source of Funds								
4500 - Fire Consolidated Construction Fund	96						96	
Future Bond Election				1,965			1,965	
Total Funds	96			1,965			1,965	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fuel Force System FACILITY UNASSIGNED - , TX 77002		Project No.		C-000177	
Project Description					
Fuel Force Management System expansion and upgrades		City Council District			
		Location	V	Key Map	
		Served:	V	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
Many of the City of Houston fuel sites are not currently on the City's fuel monitoring system. This project allows for installing Fuel Force at sites not on the system and upgrading to a network connection for fuel sites that are currently running on a modem connection.		Units	0		
		Start Year			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction		150		25		25	200	200
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation		150		25		25	200	200
Source of Funds								
4500 - Fire Consolidated Construction Fund		150					150	150
Future Bond Election				25		25	50	50
Total Funds		150		25		25	200	200

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 67 Expansion 1616 W. LITTLE YORK - Houston, TX 77088		Project No.		C-000180	
Project Description					
The addition of an apparatus bay and related improvements such as living quarters, parking and access drivewaysCivic Art contribution of \$26k in FY13.		City Council District			
		Location	B	Key Map	
		Served:	B,H	Location Code	FD-567
		Category		Sub-Cat	
Project Justification					
Requires an extra bay and additional living quarters to provide adequate public safety services		Units	0		
		Start Year	2010		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	37						37	
Design		144				144	144	
Construction		1,330				1,330	1,330	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	37	1,474				1,474	1,511	
Source of Funds								
1850 - Reimbursement of Equipment/Projects Fund	37						37	
4500 - Fire Consolidated Construction Fund		1,474				1,474	1,474	
Total Funds	37	1,474				1,474	1,511	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 40 Expansion 5830 OLD SPANISH TRAIL - Houston, TX 77023	Project No.		C-000181	
Project Description				
The addition of an apparatus bay and related improvements such as living quarters, parking and access driveways.Civic Art contribution of \$21k in FY13.	City Council District			
	Location	I	Key Map	
	Served:	I,D	Location Code	FD-540
	Category		Sub-Cat	
Project Justification				
Requires an extra bay and additional living quarters to provide adequate public safety services.	Units	0		
	Start Year	2010		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	115						115	
Design								
Construction		1,179				1,179	1,179	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	115	1,179				1,179	1,294	
Source of Funds								
1850 - Reimbursement of Equipment/Projects Fund	115						115	
4500 - Fire Consolidated Construction Fund		1,179				1,179	1,179	
Total Funds	115	1,179				1,179	1,294	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Future Fire Station Expansion FACILITY UNASSIGNED - , TX 77002	Project No.		C-000183	
Project Description				
Purchase of land adjacent to Fire Station #55	City Council District			
	Location	D	Key Map	
	Served:	D	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
If adjacent lot becomes available for purchase. Acquisition of this land would allow more resources to serve this high call volume area.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction				1,525		1,300	2,825	2,825
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation				1,525		1,300	2,825	2,825
Source of Funds								
Future Bond Election				1,525		1,300	2,825	2,825
Total Funds				1,525		1,300	2,825	2,825

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Salary Recovery FACILITY UNASSIGNED - , TX 77002		Project No.		C-000SAL	
Project Description					
Salary Recovery		City Council District			
		Location	W	Key Map	
		Served:	W	Location Code	UA-00
		Category	SR	Sub-Cat	
Project Justification					
Personnel costs associated with City staff managing CIP Projects.		Units	0		
		Start Year			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction								0
Equipment Acquisition								
Project Closeout								
Other		325	325	350	350	350	1,700	1,700
Total Allocation		325	325	350	350	350	1,700	1,700
Source of Funds								
4500 - Fire Consolidated Construction Fund		325					325	325
Future Bond Election			325	350	350	350	1,375	1,375
TBD								0
Total Funds		325	325	350	350	350	1,700	1,700

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Civic Art Pool - HFD FACILITY UNASSIGNED - , TX 77002	Project No.		C-CIVART	
Project Description				
The Civic Art Program supports the City's commitment to neighborhood enhancement and improving overall quality of life. As projects are completed, they will add to Houston's image as a vibrant and culturally rich metropolis, both nationally and internationally. The program was established in December 1999, when City Council adopted	City Council District			
	Location	W	Key Map	
	Served:	W	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Civic Art Allocation: FY13 Projects (C-000180 \$26K, C-000181 \$21K & C-000056 \$112K) FY14 (C-000113 \$95K) FY15 (C-000174 \$35K)	Units	0		
	Start Year	2007		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning	239							239
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Project Closeout								
Other		159	95	35			289	289
Total Allocation	239	159	95	35			289	528
Source of Funds								
4500 - Fire Consolidated Construction Fund	239	159					159	398
Future Bond Election			95	35			130	130
Total Funds	239	159	95	35			289	528