
FIRE PROTECTION FACILITIES 2019-2023 CAPITAL IMPROVEMENT PLAN

CIP No.	Project	Page
C-EQ0001	Bunker Gear	19
C-EQ0003	Emergency Response Equipment	21
C-000185	Environmental Remediation	5
C-000220	Fire Facilities Roof Replacements	15
C-000196	Fire Station 16 Renovation	6
C-000211	Fire Station 17 Renovation	10
C-000203	Fire Station 19 Renovation	9
C-000174	Fire Station 22 Parking Expansion	3
C-000181	Fire Station 40 Replacement	4
C-000200	Fire Station 64 Renovation	7
C-000221	Fire Station 65 Renovation	16
C-000201	Fire Station 70 Renovation	8
C-000219	Fire Station 80 Foundation	14
C-000222	Fire Station 80 Renovation	17
C-000003	FS 82 Remediation and Tanks Replacement	2
C-HARVEY	HFD HARVEY Restoration Projects	22
C-000217	HVAC Replacements	13
C-EQ0002	Life Safety Equipment	20
C-000SAL	Salary Recovery	18
C-000213	Training Academy Gear and Cadet Lockers	11
C-000214	Training Academy Road Paving	12



2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: FS 82 Remediation and Tanks Replacement 11250 BRAESRIDGE AND W. BELLFORT		Project No.		C-000003	
Project Description					
The fuel tanks at this site have exceeded their useful life and are currently failing. Remediation and replacement of fuel tanks are required to mitigate the risk of fuel leakage and to meet TCEQ requirements prior to the site reaching the 30 year life expectancy. This fuel tank was installed in 1994.		City Council District			
		Location	K	Address Descr 2:	
		Served:	K	Zip Codes:	77071
		Key Map:		Category:	
		Location Code:	FD-545	Sub-Category:	
Project Justification					
The replacement of fuel sites will help the City avoid unforeseen costs resulting from leaks and equipment failure.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								0
Construction					307		307	307
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					307		307	307
Source of Funds								
4500 - Fire Consolidated Construction Fund					307		307	307
Total Funds					307		307	307

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 22 Parking Expansion 7825 HARRISBURG BLVD.		Project No.		C-000174	
Project Description					
The project would create additional parking space, equipment storage area, and designated area for real time disaster preparedness training evolutions.		City Council District			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77012
		Key Map:		Category:	
		Location Code:	FD-522	Sub-Category:	
Project Justification					
The Houston Fire Dept. assigns its Hazardous Material Response Units at Fire Station #22. The station has limited parking area to store decontamination equipment, mass causality equipment (MCI), and hazardous material detection equipment and cleaning supplies. Space is limited for mock-up evolutions and disaster preparedness training.		Units:	0		
		Start Year:	2017		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2019-2023					2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land	96							96
Design				37			37	37
Construction	107			345			345	452
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	202			382			382	584
Source of Funds								
4500 - Fire Consolidated Construction Fund	202			382			382	584
Total Funds	202			382			382	584

2019-2023 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:	77023
		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:	2016		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land	115					886	886	1,001
Design								
Construction								0
Equipment Acquisition								
Salary Recovery								
Other						15	15	15
Total Allocation	115					901	901	1,016
Source of Funds								
4500 - Fire Consolidated Construction Fund						901	901	901
Total Funds	115					901	901	1,016

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Environmental Remediation VARIOUS LOCATIONS		Project No.		C-000185	
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 in order to continue to operate and maintain mission objectives.		Units:	0		
		Start Year:	2018		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design	195							195
Construction	432	122	100	100	200	200	722	1,154
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	627	122	100	100	200	200	722	1,349
Source of Funds								
4500 - Fire Consolidated Construction Fund	627	122	100	100	200	200	722	1,349
Total Funds	627	122	100	100	200	200	722	1,349

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 16 Renovation 1700 RICHMOND AVE.	Project No.		C-000196	
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	C	Address Descr 2:	
	Served:	C	Zip Codes:	77098
	Key Map:		Category:	
	Location Code:	FD-516	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	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning							0	
Acquisition-Land								
Design			51			51	51	
Construction				1,468		1,468	1,468	
Equipment Acquisition							0	
Salary Recovery							0	
Other			1	26		27	27	
Total Allocation			52	1,494		1,546	1,546	
Source of Funds								
4500 - Fire Consolidated Construction Fund			52	1,494		1,546	1,546	
Total Funds			52	1,494		1,546	1,546	

2019-2023 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	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design							0	
Construction			52	1,732			1,784	
Equipment Acquisition								
Salary Recovery								
Other			1	31			32	
Total Allocation			53	1,763			1,816	
Source of Funds								
4500 - Fire Consolidated Construction Fund			53	1,763			1,816	
Total Funds			53	1,763			1,816	

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 70 Renovation 11410 BEAMER RD.	Project No.	C-000201	
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	D	Address Descr 2:
	Served:	D	Zip Codes: 77089
	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	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design						54	54	54
Construction								
Equipment Acquisition								
Salary Recovery								
Other						1	1	1
Total Allocation						55	55	55
Source of Funds								
4500 - Fire Consolidated Construction Fund						55	55	55
Total Funds						55	55	55

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 19 Renovation 1811 GREGG ST.	Project No.	C-000203		
Project Description				
Interior will be demolished and re-designed for better use of space. All new 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:	77020
	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:	2018		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2019-2023					2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								0
Construction	50	1,437					1,437	1,487
Equipment Acquisition								
Salary Recovery								
Other		26					26	26
Total Allocation	50	1,463					1,463	1,513
Source of Funds								
4500 - Fire Consolidated Construction Fund	50	1,463					1,463	1,513
Total Funds	50	1,463					1,463	1,513

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 17 Renovation 2805 NAVIGATION BLVD.		Project No.		C-000211	
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	H	Address Descr 2:	
		Served:	H	Zip Codes:	77003
		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:	2018		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								
Construction	81	1,776				1,776	1,857	
Equipment Acquisition								
Salary Recovery								
Other		32				32	32	
Total Allocation	81	1,808				1,808	1,889	
Source of Funds								
4500 - Fire Consolidated Construction Fund	81	1,808				1,808	1,889	
Total Funds	81	1,808				1,808	1,889	

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Training Academy Gear and Cadet Lockers 8030 BRANIFF ST.		Project No.		C-000213	
Project Description					
Building a permanent gear locker room facility will ensure that gear lockers are kept in correct room temperature and meets permit and regulations required by the City and National Fire Prevention Association.		City Council District			
		Location	D	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	FD-691	Sub-Category:	
Project Justification					
Per National Fire Prevention Association standards, personal protective equipment ensembles need to be stored in a clean, dry, well ventilated area with optimum temperatures. The current storage is not well ventilated or insulated and extreme summer temperatures and high humidity in rainy season deteriorates the fabrics and assembly materials.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design				38			38	38
Construction				624			624	624
Equipment Acquisition								
Salary Recovery								
Other				12			12	12
Total Allocation				674			674	674
Source of Funds								
4500 - Fire Consolidated Construction Fund				674			674	674
Total Funds				674			674	674

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Training Academy Road Paving 8030 BRANIFF ST.	Project No.		C-000214	
Project Description				
Construction of new roadways to accommodate apparatus. New roadways will accommodate the increased amount of personnel and apparatus that are attending several new programs that focus on firefighter safety and survivability.	City Council District			
	Location	D	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
The HFD Training Academy, built in 1969, has not seen any roadway expansion necessary to accommodate the new programs or ongoing trainings, with increased personnel and apparatus. A new grant-funded shipboard firefighting prop is scheduled to be installed early FY19, which will further increase the amount of traffic at the facility.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design				102			102	102
Construction				1,611			1,611	1,611
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				1,713			1,713	1,713
Source of Funds								
4500 - Fire Consolidated Construction Fund				1,713			1,713	1,713
Total Funds				1,713			1,713	1,713

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: HVAC Replacements		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	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		550		550		550	1,650	1,650
Salary Recovery								
Other								
Total Allocation		550		550		550	1,650	1,650
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		550		550		550	1,650	1,650
Total Funds		550		550		550	1,650	1,650

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 80 Foundation 16111 CHIMNEY ROCK		Project No.		C-000219	
Project Description					
Foundation repair will include engineering design, installation of piles, and repair of damaged interior finishes.		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 foundation at Fire Station 80 is in need of repair. Substantial cracking of the floor is evident and walls are cracking and "pulling away". Interior finishes are showing damage as a result of the foundation issues.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design								
Construction				696			696	696
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				696			696	696
Source of Funds								
4500 - Fire Consolidated Construction Fund				696			696	696
Total Funds				696			696	696

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Facilities Roof Replacements		Project No.		C-000220		
Project Description						
Start an annual roofing program to replace, renovate, or repair HFD roofs.		City Council District				
		Location	VARIOUS	Address Descr 2:		
		Served:	VARIOUS	Zip Codes:		
		Key Map:		Category:		
		Location Code:	FD-691	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	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design								
Construction		1,000	1,000	1,000	1,000	1,000	5,000	5,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		1,000	1,000	1,000	1,000	1,000	5,000	5,000
Source of Funds								
4039 - Misc Cap. Projects/Acquisitions CP Ser E		1,000	1,000	1,000	1,000	93	4,093	4,093
4500 - Fire Consolidated Construction Fund						907	907	907
Total Funds		1,000	1,000	1,000	1,000	1,000	5,000	5,000

This project is 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.

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Fire Station 65 Renovation 11531 FM 1960 EAST	Project No.	C-000221	
Project Description			
Interior will be demolished and re-designed for better use of space. All new 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: 77336
	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 the Fire Department facilities. The results of the assessment identified numerous deficiencies that require immediate attention that pertained to life safety, code compliance or environmental issues.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								0
Acquisition-Land								
Design						53	53	53
Construction								
Equipment Acquisition								
Salary Recovery								
Other						1	1	1
Total Allocation						54	54	54
Source of Funds								
4500 - Fire Consolidated Construction Fund						54	54	54
Total Funds						54	54	54

2019-2023 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. All new 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 the Fire Department facilities. The results of the assessment identified numerous deficiencies that require immediate attention that pertained to life safety, code compliance or environmental issues.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning							0	
Acquisition-Land								
Design						55	55	
Construction								
Equipment Acquisition								
Salary Recovery								
Other						1	1	
Total Allocation						56	56	
Source of Funds								
4500 - Fire Consolidated Construction Fund						56	56	
Total Funds						56	56	

2019-2023 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:	2018		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery	515	509	509	509	509	509	2,545	3,060
Other								0
Total Allocation	515	509	509	509	509	509	2,545	3,060
Source of Funds								
4500 - Fire Consolidated Construction Fund	515	509	509	509	509	509	2,545	3,060
Total Funds	515	509	509	509	509	509	2,545	3,060

2019-2023 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 3600 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. There are approx. 3600 suits assigned in the field and 800-1000 suits are replaced annually.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2019-2023					2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		1,600	1,600	1,600	1,600	1,600	8,000	8,000
Salary Recovery								
Other								
Total Allocation		1,600	1,600	1,600	1,600	1,600	8,000	8,000
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		1,600	1,600	1,600	1,600	1,600	8,000	8,000
Total Funds		1,600	1,600	1,600	1,600	1,600	8,000	8,000

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Life Safety Equipment 1205 DART ST.	Project No.		C-EQ0002	
Project Description				
These funds will allow the replacement of equipment that has reached its life expectancy and/or allow for the replacement of outdated/damaged equipment. It is critical that items such as protective hoods, gloves, masks, and boots be readily available for immediate replacement.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77002
	Key Map:		Category:	
	Location Code:	FD-691	Sub-Category:	
Project Justification				
HFD has approx. 3600 employees in the emergency response area that require life safety equipment. In order for cadets to train properly and move on successfully into fire stations, they need reliable equipment. Much of the equipment at the training academy and fire stations has a limited lifespan and requires a strict replacement cycle.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2019-2023					2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		650	650	650	650	650	3,250	3,250
Salary Recovery								
Other								
Total Allocation		650	650	650	650	650	3,250	3,250
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		650	650	650	650	650	3,250	3,250
Total Funds		650	650	650	650	650	3,250	3,250

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: Emergency Response 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 can not 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:	FD-691	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 - critical for fire paramedics, require a 10% replacement per year. Breathing cylinders - critical for firefighters, have a 10-year life span with mandatory retirement parameters.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition		650	650	650	650	650	3,250	3,250
Salary Recovery								
Other								
Total Allocation		650	650	650	650	650	3,250	3,250
Source of Funds								
1800 - Equipment Acquisition Consolidated Fund		650	650	650	650	650	3,250	3,250
Total Funds		650	650	650	650	650	3,250	3,250

2019-2023 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - FIRE PROTECTION FACILITIES

Project: HFD HARVEY Restoration Projects		Project No.		C-HARVEY	
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. Also, construction for Fire Station #19 in FY19 for \$321K included.		City Council District			
		Location	B,E	Address Descr 2:	
		Served:	B,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:	2018		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2019-2023					2019-2023	Project Total
		2019	2020	2021	2022	2023		
Planning								
Acquisition-Land		164					164	164
Design		1,278					1,278	1,278
Construction	639	320	9,712				10,032	10,671
Equipment Acquisition								
Salary Recovery								
Other		25	173				198	198
Total Allocation	639	1,787	9,885				11,672	12,311
Source of Funds								
4039 - Misc Cap. Projects/Acquisitions CP Ser E	639	1,787	9,885				11,672	12,311
Total Funds	639	1,787	9,885				11,672	12,311

This project is 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.