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## FIRE PROTECTION FACILITIES 2021-2025 CAPITAL IMPROVEMENT PLAN

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CIP No.	Project	Page
C-EQ0001	Bunker Gear	19
C-EQ0003	Emergency Life Safety Equipment	20
C-000185	Environmental Remediation	5
C-000220	Fire Facilities Roof Replacements	15
C-000196	Fire Station 16 Renovation	7
C-000211	Fire Station 17 Renovation	11
C-000203	Fire Station 19 Renovation	10
C-000174	Fire Station 22 Parking Expansion	3
C-000195	Fire Station 31 Renovation	6
C-000181	Fire Station 40 Replacement	4
C-000200	Fire Station 64 Renovation	8
C-000221	Fire Station 65 Renovation	16
C-000201	Fire Station 70 Renovation	9
C-000222	Fire Station 80 Renovation	17
C-000003	FS 82 Remediation and Tanks Replacement	2
C-HARVEY	HFD HARVEY Restoration Projects	21
C-000217	HVAC Replacements	14
C-000SAL	Salary Recovery	18
C-000213	Training Academy Gear and Cadet Lockers	12
C-000214	Training Academy Road Paving	13



**2021-2025 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																															
<b>Project Description</b> <p>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.</p>																																			
<table border="1"> <tr> <td colspan="2">City Council District</td> <td colspan="4"></td> </tr> <tr> <td>Location</td> <td>K</td> <td colspan="2">Address Descr 2:</td> <td colspan="2"></td> </tr> <tr> <td>Served:</td> <td>K</td> <td>Zip Codes:</td> <td colspan="3">77071</td> </tr> <tr> <td>Key Map:</td> <td colspan="2"></td> <td>Category:</td> <td colspan="2"></td> </tr> <tr> <td>Location Code:</td> <td>FD-545</td> <td colspan="4">Sub-Category:</td> </tr> </table>						City Council District						Location	K	Address Descr 2:				Served:	K	Zip Codes:	77071			Key Map:			Category:			Location Code:	FD-545	Sub-Category:			
City Council District																																			
Location	K	Address Descr 2:																																	
Served:	K	Zip Codes:	77071																																
Key Map:			Category:																																
Location Code:	FD-545	Sub-Category:																																	
<b>Project Justification</b> <p>The replacement of fuel sites will help the City avoid unforeseen costs resulting from leaks and equipment failure.</p>																																			
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Units:	0																																		
Start Year:																																			
RCC Total	\$	RCA Total	\$																																

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction			307				307	307
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>307</b>				<b>307</b>	<b>307</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund			307				307	307
<b>Total Funds</b>			<b>307</b>				<b>307</b>	<b>307</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 22 Parking Expansion 7825 HARRISBURG BLVD.		Project No.	C-000174		
<b>Project Description</b>					
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:			
<b>Project Justification</b>					
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 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						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land	96							96
Design		37					37	37
Construction	107	345					345	452
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>202</b>	<b>382</b>					<b>382</b>	<b>584</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	202	382					382	584
<b>Total Funds</b>	<b>202</b>	<b>382</b>					<b>382</b>	<b>584</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 40 Replacement 5830 OLD SPANISH TRAIL		Project No.	C-000181		
<b>Project Description</b>		<b>City Council District</b>			
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.		Location	I	Address Descr 2:	
		Served:	I	Zip Codes:	77023
		Key Map:		Category:	
		Location Code: FD-540		Sub-Category:	
<b>Project Justification</b>					
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						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land	115				929		929	1,044
Design						1,409	1,409	1,409
Construction								
Equipment Acquisition								
Salary Recovery								
Other						24	24	24
<b>Total Allocation</b>	<b>115</b>				<b>929</b>	<b>1,433</b>	<b>2,362</b>	<b>2,477</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund					929	1,433	2,362	2,362
<b>Total Funds</b>	<b>115</b>				<b>929</b>	<b>1,433</b>	<b>2,362</b>	<b>2,477</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Environmental Remediation VARIOUS LOCATIONS		Project No.		C-000185		
<b>Project Description</b>  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.		<b>City Council District</b>				
		Location	VARIOUS	Address Descr 2:		
		Served:	VARIOUS	Zip Codes:		
		Key Map:		Category:		
		Location Code: UA-00		Sub-Category:		
<b>Project Justification</b>  Department is required to comply with environmental permits in order to continue to operate and maintain mission objectives.		Units:	0			
		Start Year:	2020			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design	200							200
Construction	552	200	200	200	200	200	1,000	1,552
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>752</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>1,000</b>	<b>1,752</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	752	200	200	200	200	200	1,000	1,752
<b>Total Funds</b>	<b>752</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>1,000</b>	<b>1,752</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 31 Renovation 222 CROSTIMBERS ST.	Project No.	C-000195																											
<b>Project Description</b> 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.																													
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City Council District																													
Location	H	Address Descr 2:																											
Served:	H	Zip Codes:	77018																										
Key Map:		Category:																											
Location Code:	FD-531	Sub-Category:																											
<b>Project Justification</b> 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.																													
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Units:	0																												
Start Year:	2020																												
RCC Total	\$	RCA Total	\$																										

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction	352	<b>5,094</b>					5,094	5,446
Equipment Acquisition								
Salary Recovery								
Other		<b>89</b>					89	89
<b>Total Allocation</b>	<b>352</b>	<b>5,183</b>					<b>5,183</b>	<b>5,535</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	352	<b>5,183</b>					5,183	5,535
<b>Total Funds</b>	<b>352</b>	<b>5,183</b>					<b>5,183</b>	<b>5,535</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 16 Renovation 1700 RICHMOND AVE.	Project No.	C-000196																								
<b>Project Description</b> 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.																										
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<b>City Council District</b>																										
Location	C	Address Descr 2:																								
Served:	C	Zip Codes:	77098																							
Key Map:			Category:																							
Location Code:	FD-516	Sub-Category:																								
<b>Project Justification</b> 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.																										
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Units:	0																									
Start Year:																										
RCC Total	\$	RCA Total	\$																							

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design		319					319	319
Construction			3,871				3,871	3,871
Equipment Acquisition								
Salary Recovery								
Other		6	68				74	74
<b>Total Allocation</b>		<b>325</b>	<b>3,939</b>				<b>4,264</b>	<b>4,264</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund		325	3,939				4,264	4,264
<b>Total Funds</b>		<b>325</b>	<b>3,939</b>				<b>4,264</b>	<b>4,264</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 64 Renovation 3000 GREENS RD	Project No.	C-000200																											
<b>Project Description</b> 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.																													
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City Council District																													
Location	B	Address Descr 2:																											
Served:	B	Zip Codes:	77032																										
Key Map:		Category:																											
Location Code:	FD-691	Sub-Category:																											
<b>Project Justification</b> 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.																													
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Units:	0																												
Start Year:																													
RCC Total	\$	RCA Total	\$																										

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design						357	357	357
Construction								0
Equipment Acquisition								
Salary Recovery								
Other						6	6	6
<b>Total Allocation</b>						<b>363</b>	<b>363</b>	<b>363</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund						363	363	363
<b>Total Funds</b>						<b>363</b>	<b>363</b>	<b>363</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 70 Renovation 11410 BEAMER RD.	Project No.	C-000201		
<b>Project Description</b>				
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:		
<b>Project Justification</b>				
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						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design				303			303	303
Construction					3,705		3,705	3,705
Equipment Acquisition								
Salary Recovery								
Other				5	65		70	70
<b>Total Allocation</b>				<b>308</b>	<b>3,770</b>		<b>4,078</b>	<b>4,078</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund				308	3,770		4,078	4,078
<b>Total Funds</b>				<b>308</b>	<b>3,770</b>		<b>4,078</b>	<b>4,078</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 19 Renovation 1811 GREGG ST.	Project No.	C-000203																											
<b>Project Description</b> 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.																													
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City Council District																													
Location	B	Address Descr 2:																											
Served:	B	Zip Codes:	77020																										
Key Map:		Category:																											
Location Code:	FD-691	Sub-Category:																											
<b>Project Justification</b> 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.																													
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Units:	0																												
Start Year:	2020																												
RCC Total	\$	RCA Total	\$																										

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design		304					304	304
Construction	1,808		1,933				1,933	3,741
Equipment Acquisition								
Salary Recovery								
Other		5	33				38	38
<b>Total Allocation</b>	<b>1,808</b>	<b>309</b>	<b>1,966</b>				<b>2,275</b>	<b>4,083</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	1,808	309	1,966				2,275	4,083
<b>Total Funds</b>	<b>1,808</b>	<b>309</b>	<b>1,966</b>				<b>2,275</b>	<b>4,083</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 17 Renovation 2805 NAVIGATION BLVD.	Project No.	C-000211																											
<b>Project Description</b> 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.																													
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City Council District																													
Location	H	Address Descr 2:																											
Served:	H	Zip Codes:	77003																										
Key Map:		Category:																											
Location Code:	FD-691	Sub-Category:																											
<b>Project Justification</b> 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.																													
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Units:	0																												
Start Year:	2020																												
RCC Total	\$	RCA Total	\$																										

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction	1,857	2,208					2,208	4,065
Equipment Acquisition								
Salary Recovery								
Other		38					38	38
<b>Total Allocation</b>	<b>1,857</b>	<b>2,246</b>					<b>2,246</b>	<b>4,103</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	1,857	2,246					2,246	4,103
<b>Total Funds</b>	<b>1,857</b>	<b>2,246</b>					<b>2,246</b>	<b>4,103</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Training Academy Gear and Cadet Lockers 8030 BRANIFF ST.		Project No.		C-000213																			
<b>Project Description</b> 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.																							
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City Council District																							
Location	D	Address Descr 2:																					
Served:	CITYWIDE	Zip Codes:	77061																				
Key Map:		Category:																					
Location Code: FD-691		Sub-Category:																					
<b>Project Justification</b> 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.																							
<table border="1"> <tr> <td>Units:</td> <td>0</td> </tr> <tr> <td>Start Year:</td> <td></td> </tr> <tr> <td>RCC Total</td> <td>\$</td> <td>RCA Total</td> <td>\$</td> </tr> </table>						Units:	0	Start Year:		RCC Total	\$	RCA Total	\$										
Units:	0																						
Start Year:																							
RCC Total	\$	RCA Total	\$																				

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design		38					38	38
Construction		624					624	624
Equipment Acquisition								
Salary Recovery								
Other		12					12	12
<b>Total Allocation</b>		<b>674</b>					<b>674</b>	<b>674</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund		674					674	674
<b>Total Funds</b>		<b>674</b>					<b>674</b>	<b>674</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Training Academy Road Paving 8030 BRANIFF ST.	Project No.	C-000214																						
<b>Project Description</b> 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 <table border="1"> <tr> <td>Location</td> <td>D</td> <td>Address Descr 2:</td> <td colspan="2"></td> </tr> <tr> <td>Served:</td> <td>CITYWIDE</td> <td>Zip Codes:</td> <td colspan="2">77061</td> </tr> <tr> <td>Key Map:</td> <td colspan="3">Category:</td> <td></td> </tr> <tr> <td>Location Code:</td> <td>FD-691</td> <td colspan="3">Sub-Category:</td> </tr> </table>					Location	D	Address Descr 2:			Served:	CITYWIDE	Zip Codes:	77061		Key Map:	Category:				Location Code:	FD-691	Sub-Category:		
Location	D	Address Descr 2:																						
Served:	CITYWIDE	Zip Codes:	77061																					
Key Map:	Category:																							
Location Code:	FD-691	Sub-Category:																						
<b>Project Justification</b> 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 was installed in FY19, which will further increase the amount of traffic at the facility.																								
Units:	0																							
Start Year:																								
RCC Total	\$	RCA Total	\$																					

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design		102					102	102
Construction		1,611					1,611	1,611
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		1,713					1,713	1,713
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund		1,713					1,713	1,713
<b>Total Funds</b>		1,713					1,713	1,713

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: HVAC Replacements VARIOUS LOCATIONS	Project No.	C-000217		
<b>Project Description</b>				
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:		
<b>Project Justification</b>				
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:	2020		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design	71							71
Construction	1,029							1,029
Equipment Acquisition		550	550	550	550	550	2,750	2,750
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,100</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>2,750</b>	<b>3,850</b>
<b>Source of Funds</b>								
1800 - Equipment Acquisition Consolidated Fund	1,100	550	550	550	550	550	2,750	3,850
<b>Total Funds</b>	<b>1,100</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>550</b>	<b>2,750</b>	<b>3,850</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Facilities Roof Replacements VARIOUS LOCATIONS		Project No.		C-000220		
<b>Project Description</b>						
Start an annual roofing program to replace, renovate, or repair HFD roofs.		<b>City Council District</b>				
		Location	VARIOUS	Address Descr 2:		
		Served:	CITYWIDE	Zip Codes:		
		Key Map:		Category:		
Location Code:	FD-691	Sub-Category:				
<b>Project Justification</b>						
Many of the roofing systems are beyond the expected life cycle or have been damaged.		Units:	0			
		Start Year:	2020			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design	305							305
Construction	1,695	1,000	1,000	1,000	1,000	1,000	5,000	6,695
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>2,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>5,000</b>	<b>7,000</b>
<b>Source of Funds</b>								
4039 - Misc Cap. Projects/Acquisitions CP Ser E	1,000							1,000
4500 - Fire Consolidated Construction Fund	1,000	1,000	1,000	1,000	1,000		4,000	5,000
Future Bond Election						1,000	1,000	1,000
<b>Total Funds</b>	<b>2,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>5,000</b>	<b>7,000</b>

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 up to 90% of eligible costs.

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 65 Renovation 11531 FM 1960 EAST	Project No.	C-000221																								
<b>Project Description</b> 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.																										
<table border="1"> <tr> <td colspan="2">City Council District</td> </tr> <tr> <td>Location</td> <td>E</td> <td>Address Descr 2:</td> <td colspan="2"></td> </tr> <tr> <td>Served:</td> <td>E</td> <td>Zip Codes:</td> <td colspan="2">77336</td> </tr> <tr> <td>Key Map:</td> <td colspan="2">Category:</td> <td colspan="2"></td> </tr> <tr> <td>Location Code:</td> <td>FD-691</td> <td>Sub-Category:</td> <td colspan="2"></td> </tr> </table>					City Council District		Location	E	Address Descr 2:			Served:	E	Zip Codes:	77336		Key Map:	Category:				Location Code:	FD-691	Sub-Category:		
City Council District																										
Location	E	Address Descr 2:																								
Served:	E	Zip Codes:	77336																							
Key Map:	Category:																									
Location Code:	FD-691	Sub-Category:																								
<b>Project Justification</b> 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.																										
<table border="1"> <tr> <td>Units:</td> <td>0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Start Year:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>RCC Total</td> <td>\$</td> <td>RCA Total</td> <td>\$</td> <td></td> </tr> </table>					Units:	0				Start Year:					RCC Total	\$	RCA Total	\$								
Units:	0																									
Start Year:																										
RCC Total	\$	RCA Total	\$																							

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design						264	264	264
Construction								
Equipment Acquisition								
Salary Recovery								
Other						5	5	5
<b>Total Allocation</b>						<b>269</b>	<b>269</b>	<b>269</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund						269	269	269
<b>Total Funds</b>						<b>269</b>	<b>269</b>	<b>269</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Fire Station 80 Renovation 16111 CHIMNEY ROCK	Project No.	C-000222																											
<b>Project Description</b> 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.																													
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City Council District																													
Location	K	Address Descr 2:																											
Served:	K	Zip Codes:	77489																										
Key Map:		Category:																											
Location Code:	FD-691	Sub-Category:																											
<b>Project Justification</b> 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.																													
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Units:	0																												
Start Year:																													
RCC Total	\$	RCA Total	\$																										

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design						288	288	288
Construction								0
Equipment Acquisition								
Salary Recovery								
Other						5	5	5
<b>Total Allocation</b>						<b>293</b>	<b>293</b>	<b>293</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund						293	293	293
<b>Total Funds</b>						<b>293</b>	<b>293</b>	<b>293</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Salary Recovery VARIOUS LOCATIONS		Project No.		C-000SAL		
<b>Project Description</b>						
Salary recovery for major, minor, and environmental projects.		<b>City Council District</b>				
		Location	VARIOUS	Address Descr 2:		
		Served:	CITYWIDE	Zip Codes:		
		Key Map:		Category:		
Location Code:	UA-00	Sub-Category:				
<b>Project Justification</b>						
General Services Department will perform work for client departments as necessary for facilities.		Units:	0			
		Start Year:	2020			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery	938	941	941	941	941	941	4,707	5,645
Other								0
<b>Total Allocation</b>	<b>938</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>4,707</b>	<b>5,645</b>
<b>Source of Funds</b>								
4500 - Fire Consolidated Construction Fund	938	941	941	941	941		3,766	4,704
Future Bond Election						941	941	941
<b>Total Funds</b>	<b>938</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>941</b>	<b>4,707</b>	<b>5,645</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Bunker Gear 1205 DART ST.	Project No.	C-EQ0001																								
<b>Project Description</b> <p>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.</p>																										
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<b>City Council District</b>																										
Location	CITYWIDE	Address Descr 2:																								
Served:	CITYWIDE	Zip Codes:	77002																							
Key Map:	Category:																									
Location Code:	FD-691	Sub-Category:																								
<b>Project Justification</b> <p>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.</p>																										
<table border="1"> <tr> <td>Units:</td> <td>0</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Start Year:</td> <td>2020</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>RCC Total</td> <td>\$</td> <td>RCA Total</td> <td>\$</td> <td></td> </tr> </table>					Units:	0				Start Year:	2020				RCC Total	\$	RCA Total	\$								
Units:	0																									
Start Year:	2020																									
RCC Total	\$	RCA Total	\$																							

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	3,200	1,600	1,600	1,600	1,600	1,600	8,000	11,200
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>3,200</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>8,000</b>	<b>11,200</b>
<b>Source of Funds</b>								
1800 - Equipment Acquisition Consolidated Fund	3,200	1,600	1,600	1,600	1,600	1,600	8,000	11,200
<b>Total Funds</b>	<b>3,200</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>1,600</b>	<b>8,000</b>	<b>11,200</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: Emergency Life Safety Equipment 1205 DART ST.	Project No.	C-EQ0003																								
<b>Project Description</b> <p>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.</p>																										
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<b>City Council District</b>																										
Location	CITYWIDE	Address Descr 2:																								
Served:	CITYWIDE	Zip Codes:	77002																							
Key Map:	Category:																									
Location Code:	FD-691	Sub-Category:																								
<b>Project Justification</b> <p>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.</p>																										
<table border="1"> <tr> <td>Units:</td> <td>0</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Start Year:</td> <td>2020</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>RCC Total</td> <td>\$</td> <td>RCA Total</td> <td colspan="2">\$</td> </tr> </table>					Units:	0				Start Year:	2020				RCC Total	\$	RCA Total	\$								
Units:	0																									
Start Year:	2020																									
RCC Total	\$	RCA Total	\$																							

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	3,655	486	1,300	1,300	1,300	1,300	5,686	9,341
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>3,655</b>	<b>486</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>5,686</b>	<b>9,341</b>
<b>Source of Funds</b>								
1800 - Equipment Acquisition Consolidated Fund	3,655	486	1,300	1,300	1,300	1,300	5,686	9,341
<b>Total Funds</b>	<b>3,655</b>	<b>486</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>5,686</b>	<b>9,341</b>

**2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - FIRE PROTECTION FACILITIES**

Project: HFD HARVEY Restoration Projects		Project No.		C-HARVEY	
<b>Project Description</b> Acquire property within the current service area that is outside of the flood plain to design and construct a new 4-bay replacement station.		<b>City Council District</b> Location: E Served: E Key Map: Location Code: FD-526		Address Descr 2: Zip Codes: Category: Sub-Category:	
<b>Project Justification</b> 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	RCC Total	\$
		Start Year:	2020	RCA Total	\$

Project Allocation	Previous Appropriations						2021-2025	Project Total
		2021	2022	2023	2024	2025		
Planning								
Acquisition-Land		1,300					1,300	1,300
Design			1,288				1,288	1,288
Construction	364			10,494			10,494	10,858
Equipment Acquisition								
Salary Recovery								
Other		23	184				207	207
<b>Total Allocation</b>	<b>364</b>	<b>1,300</b>	<b>1,311</b>	<b>10,678</b>			<b>13,289</b>	<b>13,653</b>
<b>Source of Funds</b>								
4039 - Misc Cap. Projects/Acquisitions CP Ser E	364	1,300	1,311	10,678			13,289	13,653
<b>Total Funds</b>	<b>364</b>	<b>1,300</b>	<b>1,311</b>	<b>10,678</b>			<b>13,289</b>	<b>13,653</b>

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 up to 90% of eligible costs.



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