

OPERATIONAL & MAINTENANCE IMPACT



Operational & Maintenance Impact

Projects in the FY2021-2025 CIP have been analyzed to determine their projected impact on the operational budget. Operational & Maintenance (O&M) costs identified by departments are funded from the General, Special and Enterprise Funds. Only projects with impacts above \$10,000 annually are presented.

O&M impact refers to the personnel, supplies, services, equipment, and non-capital costs related to a project and revenue and savings generated as a result of a project. Operating costs include staffing, maintenance or service (including electrical) costs related to new, renovated or expanded facilities.

Of the more than 500 Public Improvement, Aviation and Houston Public Works projects within the Adopted FY2021-2025 CIP, there are 25 projects with O&M impacts totaling approximately \$23 million over the five years. In FY2021, savings are an estimated \$300,000 while personnel, services and other O&M total \$3.4 million.

Highlights of the Fiscal Year 2021-2025 Adopted CIP include:

- The Houston Public Works Department has estimated the Houston Permitting Center's project to purchase land and build a parking garage will result in savings of \$823k over five years.
- The Houston Airport System has estimated an increased cost of \$5 million within the five year span, primarily related to services and supplies for the IAH Terminal Redevelopment Program (ITRP).
- The Houston Information Technology Services and Houston Fire Departments have estimated the Scheduling System Replacement project to have a \$388k impact to services costs.



FISCAL YEAR 2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)
CITY OF HOUSTON - OPERATIONAL IMPACT*

Project Allocation						2021-2025
	2021	2022	2023	2024	2025	
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 2,390	\$ 2,390	\$ 23,386	\$ 65,958	\$ 87,070	\$ 181,194
Personnel	\$ 595	\$ 700	\$ 725	\$ 725	\$ 725	\$ 3,470
Services	\$ 371	\$ 1,295	\$ 1,701	\$ 1,784	\$ 3,018	\$ 8,169
Supplies	\$ -	\$ -	\$ 170	\$ 188	\$ 308	\$ 667
Subtotal	\$ 3,356	\$ 4,385	\$ 25,982	\$ 68,655	\$ 91,121	\$ 193,499
Revenue	\$ -	\$ -	\$ 20,996	\$ 63,568	\$ 84,680	\$ 169,244
Savings	\$ 300	\$ 125	\$ 129	\$ 133	\$ 137	\$ 823
*Subtotal	\$ 300	\$ 125	\$ 21,125	\$ 63,701	\$ 84,817	\$ 170,067
Grand total	\$ 3,056	\$ 4,260	\$ 4,857	\$ 4,955	\$ 6,304	\$ 23,432
Source of Funds						
Aviation	\$ -	\$ -	\$ 1,123	\$ 1,244	\$ 2,648	\$ 5,015
General Fund	\$ 3,356	\$ 4,385	\$ 3,863	\$ 3,843	\$ 3,793	\$ 19,240
Houston Public Works	\$ (300)	\$ (125)	\$ (129)	\$ (133)	\$ (137)	\$ (823)
Total Funds	\$ 3,056	\$ 4,260	\$ 4,857	\$ 4,955	\$ 6,304	\$ 23,432

*Revenue and savings are shown as offsets to planned operational costs.

OPERATIONAL IMPACT

2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2021-2025
		2021	2022	2023	2024	2025	
A-000590	Rehabilitate & Expand ARFF Station 92						
	Services	-	-	-		75	77
	Supplies	-	-	-		13	14
	Project Total	-	-	-		88	91
A-000666	7 Gate Expansion at Hobby						
	Services	-	-	-		-	1,251
	Supplies	-	-	-		-	114
	Project Total	-	-	-		-	1,366
A-000800	Executive Program Manager Services-ITRP						
	Services	-	-	953	981	1,011	2,945
	Supplies	-	-	170	175	180	525
	Project Total	-	-	1,123	1,156	1,191	3,470
D-000211	City Wide Key Program						
	Services	-	25	25	25	25	100
	Project Total	-	25	25	25	25	100
D-000221	City Wide Intrusion System Upgrade						
	Personnel	-	-	120	120	120	360
	Project Total	-	-	120	120	120	360
D-000226	Facility Condition Reassessments						
	Personnel	98	103	108	108	108	525
	Project Total	98	103	108	108	108	525
D-200001	HPW- HPC Land Purchase/Garage						
	Savings	(300)	(125)	(129)	(133)	(137)	(823)
	Project Total	(300)	(125)	(129)	(133)	(137)	(823)
E-000240	Pleasantville HPL Express						
	Services	-	459	-	-	-	459
	Project Total	-	459	-	-	-	459

OPERATIONAL IMPACT
2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2021-2025
		2021	2022	2023	2024	2025	
F-000849	Restroom Building Upgrades						
	Personnel	25	25	25	25	25	125
	Services	12	12	12	12	12	60
	Project Total	37	37	37	37	37	185
F-000853	Brock Adventure Park (BAP)						
	Personnel	15	15	15	15	15	75
	Services	180	180	180	180	180	900
	Project Total	195	195	195	195	195	975
L-000107	Bioremediation of Pollution Controls						
	Services	25	25	25	25	25	125
	Project Total	25	25	25	25	25	125
S-000065	NE Water Purification Plant Expansion						
	Other	-	-	20,996	63,568	84,680	169,244
	Revenue	-	-	(20,996)	(63,568)	(84,680)	(169,244)
	Project Total	-	-	-	-	-	-
X-100052	HPD - Body Cameras						
	Other	76	76	76	76	76	380
	Personnel	457	457	457	457	457	2,285
	Project Total	533	533	533	533	533	2,665
X-120007	HFD - EAS Upgrade						
	Services	-	-	150	150	150	450
	Project Total	-	-	150	150	150	450
X-120020	HFD - Scheduling System Replacement						
	Services	288	50	50	-	-	388
	Project Total	-	288	50	50	-	388
X-250002	GSD - Work Order System						
	Services	15	15	15	15	15	75
	Project Total	15	15	15	15	15	75

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2021-2025 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2021-2025
		2021	2022	2023	2024	2025	
X-340010	HPL - Radio Frequency ID Technology Services	-	57	57	57	57	228
	Project Total	-	57	57	57	57	228
X-380006	HHD - Legacy Lab System Upgrade Services	-	95	95	75	75	340
	Project Total	-	95	95	75	75	340
X-640018	FIN - Contract/Procurement Mgt System Personnel	-	100	-	-	-	100
	Project Total	-	100	-	-	-	100
X-650011	ARA - 311 Upgrade or Replacement Other	275	275	275	275	275	1,375
	Project Total	275	275	275	275	275	1,375
X-680015	Network Refresh Services	64	64	64	64	64	320
	Project Total	64	64	64	64	64	320
X-680038	IT Help Desk Software Upgrades Other	100	100	100	100	100	500
	Project Total	100	100	100	100	100	500
X-680042	SAP System to Monitor Interfaces Other	129	129	129	129	129	645
	Project Total	129	129	129	129	129	645
X-680044	Managed Contract Services Other	1,810	1,810	1,810	1,810	1,810	9,050
	Project Total	1,810	1,810	1,810	1,810	1,810	9,050
X-900001	LGL - Case Mgt System Replacement Services	75	75	75	75	75	375
	Project Total	75	75	75	75	75	375
	Total:	3,056	4,260	4,857	4,955	6,304	23,432