



OPERATIONAL & MAINTENANCE IMPACT

Operational & Maintenance Impact

Projects in the FY2020-2024 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 approximately 450 Public Improvement, Aviation and Houston Public Works projects within the Adopted FY2020 - 2024 CIP, there are 30 projects with O&M impacts totaling approximately \$24 million over the five years. In 2020, revenue and savings are an estimated \$490,000 while personnel, services and other O&M total \$3.8 million.

Highlights of the Fiscal Year 2020 - 2024 Adopted CIP include:

- The Houston Public Works Department has estimated the Automated Metering System project to have a \$2.1 million impact to services costs over the five years.
- Administration and Regulatory Affairs has estimated \$148,000 in increased revenue related to the replacement of Parking Pay Stations.
- The Houston Airport System has estimated an increased cost of \$2.3 million within the five year span, related to services and supplies for the IAH Terminal Redevelopment Program (ITRP).
- The Houston Health Department has estimated the Sunnyside Multi-Service Center/Health Center project to have a \$653,000 impact to services costs over the five years.



FISCAL YEAR 2020-2024 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - OPERATIONAL IMPACT*

Project Allocation						2020-2024
	2020	2021	2022	2023	2024	
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 2,390	\$ 2,390	\$ 2,390	\$ 23,386	\$ 65,958	\$ 96,514
Personnel	\$ 585	\$ 595	\$ 600	\$ 825	\$ 825	\$ 3,430
Services	\$ 795	\$ 1,207	\$ 1,519	\$ 2,964	\$ 3,087	\$ 9,571
Supplies	\$ -	\$ 4	\$ 5	\$ 195	\$ 201	\$ 405
Subtotal	\$ 3,770	\$ 4,196	\$ 4,514	\$ 27,370	\$ 70,070	\$ 109,920
Revenue	\$ 148	\$ -	\$ -	\$ 20,996	\$ 63,568	\$ 84,712
Savings	\$ 341	\$ 350	\$ 175	\$ 179	\$ 183	\$ 1,227
*Subtotal	\$ 490	\$ 350	\$ 175	\$ 21,175	\$ 63,751	\$ 85,940
Grand total	\$ 3,280	\$ 3,846	\$ 4,339	\$ 6,195	\$ 6,320	\$ 23,980
Source of Funds						
Aviation	\$ -	\$ 440	\$ 665	\$ 1,963	\$ 2,020	\$ 5,088
General Fund	\$ 3,068	\$ 3,398	\$ 3,428	\$ 3,928	\$ 3,928	\$ 17,750
Houston Public Works	\$ 213	\$ 8	\$ 246	\$ 304	\$ 371	\$ 1,143
Total Funds	\$ 3,280	\$ 3,846	\$ 4,339	\$ 6,195	\$ 6,320	\$ 23,980

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

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2020-2024
		2020	2021	2022	2023	2024	
A-000422	Civic Art for Aviation-HAS						
	Services	-	23	23	24	25	94
	Supplies	-	4	4	4	4	17
	Project Total	-	27	27	28	29	111
A-000530	MOA-SW Maintenance Hangar Develop at HOU						
	Services	-	1	4	4	4	13
	Supplies	-	0	1	1	1	2
	Project Total	-	1	5	5	5	16
A-000590	Rehabilitate and Expand ARFF Station-HAS						
	Services	-	-	-	113	116	229
	Supplies	-	-	-	20	21	41
	Project Total	-	-	-	133	137	269
A-000628	Security Lane Backflow Prevention						
	Services	-	250	258	265	273	1,046
	Project Total	-	250	258	265	273	1,046
A-000651	Identity - Safety Management System						
	Services	-	163	375	386	398	1,322
	Project Total	-	163	375	386	398	1,322
A-000659	Hobby Consolidated Maintenance Complex						
	Services	-	-	-	23	23	46
	Supplies	-	-	-	-	-	-
	Project Total	-	-	-	23	23	46
A-000800	Executive Program Manager Services-ITRP						
	Services	-	-	-	953	981	1,934
	Supplies	-	-	-	170	175	345
	Project Total	-	-	-	1,123	1,156	2,279
D-000211	City Wide Key Program						
	Services	-	-	25	25	25	75
	Project Total	-	-	25	25	25	75
D-000221	City Wide Intrusion System Upgrade						
	Personnel	-	-	-	120	120	240
	Project Total	-	-	-	120	120	240

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2020-2024
		2020	2021	2022	2023	2024	
D-000226	Facility Condition Reassessments Personnel	93	98	103	108	108	510
	Project Total	93	98	103	108	108	510
D-200001	HPW- HPC Land Purchase/Garage Savings	(291)	(300)	(125)	(129)	(133)	(977)
	Project Total	(291)	(300)	(125)	(129)	(133)	(977)
D-650005	ARA - Parking Pay Station Replacement Revenue	(148)	-	-	-	-	(148)
	Savings	(50)	(50)	(50)	(50)	(50)	(250)
	Project Total	(198)	(50)	(50)	(50)	(50)	(398)
E-000262	New Westbury Library Services	-	-	-	50	50	100
	Project Total	-	-	-	50	50	100
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	10	15	15	15	15	70
	Services	90	180	180	180	180	810
	Project Total	100	195	195	195	195	880
H-000091	Sunnyside MSC/HC Services	85	142	142	142	142	653
	Project Total	85	142	142	142	142	653
L-000107	Bioremediation of Pollution Controls Services	-	25	25	25	25	100
	Project Total	-	25	25	25	25	100

OPERATIONAL IMPACT
2020-2024 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2020-2024
		2020	2021	2022	2023	2024	
S-000956	Automated Metering System Services	504	308	371	433	504	2,120
	Project Total	504	308	371	433	504	2,120
S-000065	NE Water Purification Plant Expansion						
	Other Revenue	-	-	-	20,996	63,568	84,564
		-	-	-	(20,996)	(63,568)	(84,564)
	Project Total	-	-	-	-	-	-
X-100014	HPD - Smartphone App Internal Services	25	25	25	25	25	125
	Project Total	25	25	25	25	25	125
X-100052	HPD - Body Cameras	76	76	76	76	76	380
	Other 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	300
	Project Total	-	-	-	150	150	300
X-250002	GSD - Real Estate Module Services	15	15	15	15	15	75
	Project Total	15	15	15	15	15	75
X-640018	FIN - Contract/Procurement Mgt System Personnel	-	-	-	100	100	200
	Project Total	-	-	-	100	100	200
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

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2020-2024 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2020-2024
		2020	2021	2022	2023	2024	
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	150
	Project Total	-	-	-	75	75	150
	Total:	3,280	3,846	4,339	6,195	6,320	23,980



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