



**OPERATIONAL &  
MAINTENANCE IMPACT**

# Operational & Maintenance Impact

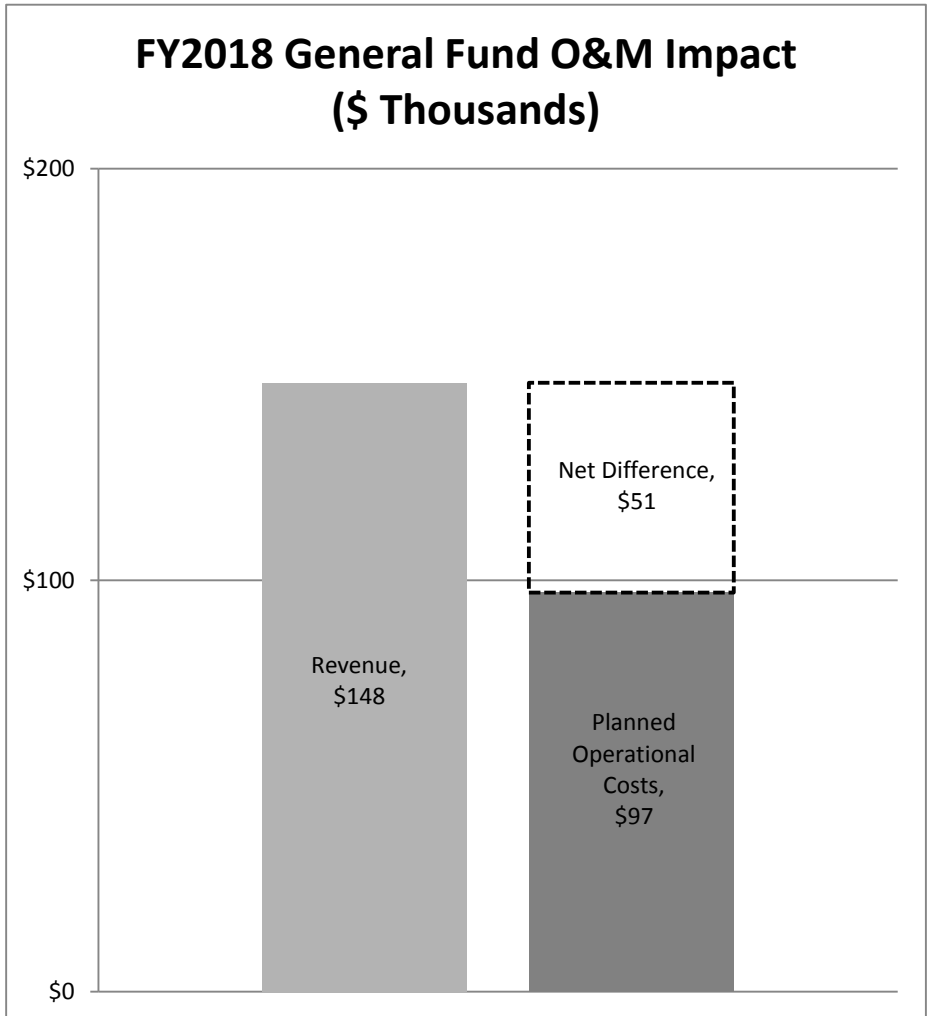
Public Improvement Programs in the FY2018– 2022 CIP have been analyzed to determine their projected impact on the operational budget. Operational & Maintenance (O&M) costs are funded from the General Fund and are identified by departments. Only projects with impacts above \$10,000 annually are presented.

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 estimated 200 Public Improvement projects within the Adopted FY2018 – 2022 CIP, there are 30 projects with O&M impacts totaling \$15 million over the five years. In 2018, revenue is an estimated \$148,000 resulting in a positive impact as personnel, services and other O&M total \$97,000.

**Highlights of Adopted FY2018 - 2022 CIP include:**

- The Houston Parks and Recreation Department has estimated the Squatty Lyons project to have a \$250k impact to services and personnel costs over the five years.
- Administration and Regulatory Affairs has estimated \$445k in increased revenue related to the replacement of Parking Pay Stations.
- The Houston Police Department has estimated an increased cost of \$2.3 million over five years (\$533k annually), primarily related to personnel for the body cameras project. The O&M impact of this project was first included in the FY2017 budget as part of the initial rollout of the project.
- The Houston Health Department has estimated the Sunnyside Multi-Service Center/Health Center project to have a \$511k impact to services costs over the five years.



Project Allocation	2018	2019	2020	2021	2022	2018-2022
	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 30	\$ 1,916	\$ 2,235	\$ 2,510	\$ 2,510	\$ 9,201
Personnel	\$ 50	\$ 635	\$ 757	\$ 882	\$ 1,046	\$ 3,369
Services	\$ 17	\$ 192	\$ 534	\$ 1,146	\$ 1,177	\$ 3,066
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 97</b>	<b>\$ 2,743</b>	<b>\$ 3,526</b>	<b>\$ 4,538</b>	<b>\$ 4,733</b>	<b>\$ 15,637</b>
Revenue	\$ 148	\$ 148	\$ 148	\$ -	\$ -	445
Savings	\$ -	\$ -	\$ 50	\$ 50	\$ 50	150
<b>**Subtotal</b>	<b>148</b>	<b>148</b>	<b>198</b>	<b>50</b>	<b>50</b>	<b>595</b>
<b>Grand total</b>	<b>\$ (51)</b>	<b>\$ 2,594</b>	<b>\$ 3,327</b>	<b>\$ 4,488</b>	<b>\$ 4,683</b>	<b>\$ 15,041</b>

\* Does not include Enterprise Funds

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

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
C-000181	Fire Station 40 Replacement Services	-	-	54	54	54	162
	<b>Project Total</b>	-	-	<b>54</b>	<b>54</b>	<b>54</b>	<b>162</b>
D-000180	Alief MSC, Community Center and Library Services	-	-	-	489	489	978
	<b>Project Total</b>	-	-	-	<b>489</b>	<b>489</b>	<b>978</b>
D-000211	City Wide Key Program Services	-	-	25	25	25	75
	<b>Project Total</b>	-	-	<b>25</b>	<b>25</b>	<b>25</b>	<b>75</b>
D-000221	City Wide Intrusion System Upgrade Personnel	-	-	-	120	120	240
	<b>Project Total</b>	-	-	-	<b>120</b>	<b>120</b>	<b>240</b>
D-000226	Facility Condition Reassessments Personnel	-	93	98	103	108	402
	<b>Project Total</b>	-	<b>93</b>	<b>98</b>	<b>103</b>	<b>108</b>	<b>402</b>
D-650005	ARA - Parking Pay Station Replacement Revenue	(148)	(148)	(148)	-	-	(445)
	Savings	-	-	(50)	(50)	(50)	(150)
	<b>Project Total</b>	<b>(148)</b>	<b>(148)</b>	<b>(198)</b>	<b>(50)</b>	<b>(50)</b>	<b>(595)</b>
E-000098	Moody Neighborhood Library - Replacement Services	-	-	31	42	42	115
	<b>Project Total</b>	-	-	<b>31</b>	<b>42</b>	<b>42</b>	<b>115</b>
F-000705	Squatty Lyons Personnel	25	50	50	50	50	225
	Services	5	5	5	5	5	25
	<b>Project Total</b>	<b>30</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>250</b>
F-000782	International District Trail Development Personnel	-	-	-	-	12	12
	<b>Project Total</b>	-	-	-	-	<b>12</b>	<b>12</b>
F-000785	Edgewood Park Community Center Personnel	-	-	-	-	147	147
	Services	-	-	-	-	5	5
	<b>Project Total</b>	-	-	-	-	<b>152</b>	<b>152</b>
F-000849	Restroom Building Upgrades Personnel	25	25	25	25	25	125
	Services	12	12	12	12	12	60

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
	<b>Project Total</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>185</b>
<b>F-000853</b>	<b>Brock Adventure Park (BAP)</b>						
	Personnel	-	10	15	15	15	55
	Services	-	90	180	180	180	630
	<b>Project Total</b>	<b>-</b>	<b>100</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>685</b>
<b>G-000150</b>	<b>Police Academy Improvements</b>						
	Services	-	-	-	4	4	7
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>7</b>
<b>G-000172</b>	<b>New Police Academy Rifle Range</b>						
	Services	-	-	-	41	41	83
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>41</b>	<b>41</b>	<b>83</b>
<b>H-000091</b>	<b>Sunnyside MSC/HC</b>						
	Services	-	85	142	142	142	511
	<b>Project Total</b>	<b>-</b>	<b>85</b>	<b>142</b>	<b>142</b>	<b>142</b>	<b>511</b>
<b>H-000117</b>	<b>Commerce Warehouse - Expansion</b>						
	Services	-	-	-	20	20	40
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>40</b>
<b>L-000107</b>	<b>Bioremediation of Pollution Controls</b>						
	Services	-	-	25	25	25	75
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>75</b>
<b>L-000108</b>	<b>Storm Water Mitigation</b>						
	Services	-	-	-	-	25	25
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>
<b>X-100013</b>	<b>HPD - Smartphone App for Citizens</b>						
	Services	-	-	20	20	20	60
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>60</b>
<b>X-100014</b>	<b>HPD - Smartphone App Internal</b>						
	Services	-	-	25	25	25	75
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>75</b>
<b>X-100025</b>	<b>HPD - Body Cameras</b>						
	Other	-	76	76	76	76	304
	Personnel	-	457	457	457	457	1,828
	<b>Project Total</b>	<b>-</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>2,132</b>
<b>X-250002</b>	<b>GSD - Real Estate Module</b>						
	Services	-	-	15	15	15	45
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>45</b>

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2018 - 2022 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2018-2022
		2018	2019	2020	2021	2022	
X-340013	HPL - Self Service Public Scanning Services	-	-	-	48	48	96
	<b>Project Total</b>	-	-	-	<b>48</b>	<b>48</b>	<b>96</b>
X-650011	ARA - 311 Upgrade or Replacement Other	-	-	-	275	275	550
	<b>Project Total</b>	-	-	-	<b>275</b>	<b>275</b>	<b>550</b>
X-650013	ARA - Permit and Inspection Software Personnel	-	-	112	112	112	336
	Other	-	-	90	90	90	270
	<b>Project Total</b>	-	-	<b>202</b>	<b>202</b>	<b>202</b>	<b>606</b>
X-680012	SAP Performance Testing Tools Other	30	30	30	30	30	150
	<b>Project Total</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>150</b>
X-680038	IT Help Desk Software Upgrades Other	-	-	100	100	100	300
	<b>Project Total</b>	-	-	<b>100</b>	<b>100</b>	<b>100</b>	<b>300</b>
X-680042	SAP System to Monitor Interfaces Other	-	-	129	129	129	387
	<b>Project Total</b>	-	-	<b>129</b>	<b>129</b>	<b>129</b>	<b>387</b>
X-680044	Managed Contract Services Other	-	1,810	1,810	1,810	1,810	7,240
	<b>Project Total</b>	-	<b>1,810</b>	<b>1,810</b>	<b>1,810</b>	<b>1,810</b>	<b>7,240</b>
	<b>Total:</b>	<b>(51)</b>	<b>2,594</b>	<b>3,327</b>	<b>4,488</b>	<b>4,683</b>	<b>15,041</b>