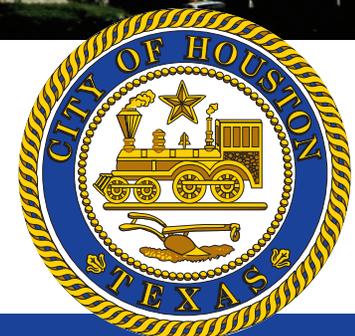


# City of Houston FISCAL YEAR 2017-2021

## PROPOSED CAPITAL IMPROVEMENT PLAN



**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

	<b>All Funding Sources</b>					
	Fiscal Year Planned Appropriations (\$ Thousands)					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>
<b>Public Improvement Programs</b>						
Bayou Greenways	43,373	28,844	42,447	35,680	-	150,344
Fire	17,976	8,436	13,325	10,542	7,046	57,325
General Government	11,201	57,488	5,336	4,187	10,293	88,504
Health	4,792	32,239	5,359	13,631	20,275	76,296
Homeless & Housing	1,100	1,100	1,100	1,100	1,100	5,500
Library	1,426	2,847	8,954	4,011	2,575	19,812
Parks and Recreation	36,892	37,131	15,387	5,562	6,983	101,955
Police	17,553	2,139	5,218	14,627	10,056	49,594
Solid Waste Management	1,834	2,598	10,655	1,056	1,092	17,234
<b>Subtotal</b>	<b>136,148</b>	<b>172,822</b>	<b>107,781</b>	<b>90,395</b>	<b>59,420</b>	<b>566,564</b>
<b>Enterprise Programs</b>						
Aviation Facilities	730,691	802,914	315,203	101,531	294,237	2,244,576
Storm Drainage System	69,487	62,736	114,824	95,347	105,175	447,569
Street & Traffic Control	201,470	161,535	114,647	144,048	183,568	805,268
Wastewater	185,000	185,000	185,000	185,000	185,000	925,000
Water	566,369	668,438	990,819	283,255	192,241	2,701,121
<b>Subtotal</b>	<b>1,753,017</b>	<b>1,880,623</b>	<b>1,720,493</b>	<b>809,181</b>	<b>960,221</b>	<b>7,123,534</b>
<b>Citywide Programs</b>						
Technology	13,086	4,198	6,160	9,724	3,076	36,244
Fleet	53,043	39,619	38,451	38,262	39,295	208,669
<b>Subtotal</b>	<b>66,129</b>	<b>43,817</b>	<b>44,611</b>	<b>47,986</b>	<b>42,371</b>	<b>244,913</b>
<b>City Programs Total</b>	<b>1,955,293</b>	<b>2,097,261</b>	<b>1,872,885</b>	<b>947,561</b>	<b>1,062,011</b>	<b>7,935,012</b>
<b>Component Units</b>	<b>247,729</b>	<b>249,762</b>	<b>227,219</b>	<b>140,344</b>	<b>10,249</b>	<b>875,303</b>
Overlap Between Component Units and Public Improvement Programs	(32,143)	(11,347)	(16,196)	(44,389)	(1,500)	(105,575)
<b>Grand Total</b>	<b>2,170,880</b>	<b>2,335,676</b>	<b>2,083,908</b>	<b>1,043,516</b>	<b>1,070,760</b>	<b>8,704,740</b>

**FISCAL YEAR 2017-2021 CAPITAL IMPROVEMENT PLAN**

<b>General Obligation Bond Summary</b>							<b>Leverage of Non-Debt Funding</b>
<b>Fiscal Year Planned Appropriations (\$ Thousands)</b>							
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>	
<b>Public Improvement Programs</b>							
Bayou Greenways	14,066	17,497	27,598	3,444	-	62,605	58%
Fire	17,976	8,436	13,325	10,542	7,046	57,325	0%
General Government (*)**	11,201	57,488	5,336	4,187	10,293	88,505	0%
Health*	4,792	32,239	5,359	13,631	20,275	76,296	0%
Homeless & Housing	1,100	1,100	1,100	1,100	1,100	5,500	0%
Library *	1,426	2,847	8,954	4,011	2,575	19,813	0%
Parks and Recreation*	14,865	8,354	5,837	5,462	4,480	38,998	62%
Police	8,338	2,120	3,850	2,455	8,536	25,299	49%
Solid Waste Management *	1,834	2,598	10,655	1,056	1,092	17,235	0%
<b>Subtotal</b>	<b>75,598</b>	<b>132,679</b>	<b>82,014</b>	<b>45,888</b>	<b>55,397</b>	<b>391,576</b>	<b>31%</b>
<b>Citywide Programs</b>							
Technology	12,186	4,198	6,160	9,724	3,076	35,344	2%
Fleet	25,460	18,658	18,658	18,658	18,658	100,092	52%
<b>Subtotal</b>	<b>37,646</b>	<b>22,856</b>	<b>24,818</b>	<b>28,382</b>	<b>21,734</b>	<b>135,436</b>	<b>45%</b>
<b>Total</b>	<b>113,244</b>	<b>155,535</b>	<b>106,832</b>	<b>74,270</b>	<b>77,131</b>	<b>527,012</b>	
Projects with a Dedicated Funding Source for Debt Service **	(2,115)	(2,000)	(2,000)	(2,000)	-	(8,115)	
<b>Grand Total</b>	<b>111,130</b>	<b>153,535</b>	<b>104,832</b>	<b>72,270</b>	<b>77,131</b>	<b>518,898</b>	
<b>Principal Payable from Ad Valorem Taxes on Existing Debt</b>	<b>193,974</b>	<b>216,659</b>	<b>223,324</b>	<b>229,764</b>	<b>208,074</b>	<b>1,071,795</b>	
<b>Net Increase (Decrease) to Outstanding Debt</b>	<b>(82,845)</b>	<b>(63,124)</b>	<b>(118,492)</b>	<b>(157,494)</b>	<b>(130,943)</b>	<b>(552,897)</b>	

\* Based on projections, these programs will require a Future Bond Election to fund Fiscal Years 2018, 2019, 2020, and 2021 which is expected as bond elections are typically structured to last approximately 5 years. The 2012 Bond Election therefore was expected to fund FY2013-2017. The CIP would require a Future Bond Election to occur no later than November 2017.

\*\* Fund 1850 is used for projects that are expected to generate sufficient revenues or expenditure savings such that those revenues or expenditures savings will be used directly to cover associated debt service, and therefore, does not rely on the "Transfer to PIB Bonds Debt Service" from the General Fund.

## Financial Policies Overview

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General Policies.....5  
Capital Asset Management Policies Overview.....5  
Debt Management Policies Overview.....6

## Financial Policies Overview

The basic policies related to the City's financial and budgetary policies were formalized on November 10, 1987. These policies were expanded in subsequent years with the adoption of the Integrated Budgeting and Planning Resolution (88-87). The most recent relevant ordinance discussing this part of the City's financial policies is Ordinance No. 2014-1078 dated December 3, 2014. Below is a partial copy of the financial policies relevant to the CIP along with City's current compliance status for each individual policy.

### **A. Definitions**

**Asset Renewal and Replacement** – Cyclic repair and replacement of an asset's components [e.g., roofs, electrical systems, heating, ventilation, and air conditioning (HVAC) equipment, paving, replacement vehicles, computer servers, computer networks, and telephony systems] that extends the useful life and/or retains the usable condition of facilities, fleet, and systems not normally contained in the annual operating budget. Included are major building and infrastructure systems and components that have a maintenance cycle in excess of one year.

**BFA** – Budget and Fiscal Affairs Committee of City Council.

**Capital Projects** – A capital project is identified as a project that helps maintain or improve a City asset, often called infrastructure. To be included in the Capital Budget, a project must meet at least **one** of the following requirements (criteria):

- It is a new construction, expansion, renovation, or replacement project for an existing facility or facilities. The project must have a total cost of at least \$10,000 over the life of the project. Project costs can include the cost of land, engineering, architectural planning, and contract services needed to complete the project.
- It is a purchase of major equipment (assets) costing \$50,000 or more with a useful life of at least 10 years.
- It is a major maintenance or rehabilitation project for existing facilities with a cost of \$10,000 or more and an economic life of at least 10 years.

**Component Units** – As defined by the Governmental Accounting Standards Board (GASB), component units are legally separate organizations that the City must include as part of its financial reporting entity for fair presentation.

**Current Replacement Value** - The standard industry cost and/or engineering estimate of materials, supplies, and labor required to replace a facility or item of equipment at its existing size and functional capability, and to meet applicable regulatory codes. When estimating Current Replacement Value, it should be assumed that code-compliant materials and systems will be used to replace the existing asset. Current Replacement Value is to be estimated for reconstructing an asset as it currently exists, without further modifications or improvements.

**Fiscal Note** – Brief, high-level written estimate of the budgetary and fiscal impacts that may result from implementation of an ordinance, motion or resolution.

**Major Renovation** – Projects for the substantial rehabilitation or replacement of more than one building or building systems.

**Operational & Maintenance Impact** – Refers to the personnel, supplies, services, equipment, and non-capital cost identified as a required need within a capital project.

## Financial Policies Overview

### **B. General Policies**

### **Current Status**

3. The proposed operating budget and proposed five-year Capital Improvement Plan (CIP) for each year shall include statements indicating whether they are in compliance with each relevant adopted financial policy. The adopted budget shall include a comprehensive listing of all adopted financial policies indicating whether the City is in compliance with each policy; for each policy not in compliance, there shall be a statement explaining why the City is not in compliance with said policy and a plan for how the City will achieve compliance.

In Compliance

### **G. Capital Asset Management Policies**

1. The five-year CIP shall be presented to and passed by City Council annually before the end of the preceding fiscal year.
2. Capital projects may not be included in the CIP without identified funding. Identified funding includes funds that are reasonably anticipated such as grants that have been awarded but not yet funded. Identified funding may also include proceeds from an anticipated future bond election.
3. A five-year operating budget impact projection for all projects shall be reported in the CIP.
4. The City shall prioritize Asset Renewal and Replacement of existing facilities over new facilities.
5. All CIP-related Requests for Council Action must include a Fiscal Note that includes design and construction costs of the program/project and the projected operating and maintenance costs for a minimum of five years, as well as a reference to the item in the CIP where funding for the request is designated.

Not In Compliance

In Compliance

Not In Compliance

In Compliance

Not In Compliance

## Financial Policies Overview

6. For each new General Fund facility (i.e., not part of an enterprise fund) or Major Renovation of a General Fund facility, beginning in FY2016, 2% of the Current Replacement Value shall be included for capital maintenance in each fiscal year of the immediately following CIP and every CIP thereafter until that facility is sold or otherwise disposed of. Such funds may be used on any owned General Fund facility.

In Compliance

### **I. Debt Management Polices**

6. Each fiscal year, the City will use that year's General Obligation (GO) debt service payment as a baseline to establish an index reflecting 4% annual growth in the City's GO debt service (i.e., if the current fiscal year's debt service is \$100, then the debt service index for subsequent years would be \$104, \$108.16, \$112.49, \$116.99, etc.). If any proposed action by the City (e.g., adoption of the CIP, or Council authorization of debt issuance) is to cause the GO debt service schedule as projected by the City's Financial Advisor to exceed the index in FY2019 and/or any subsequent year(s), a funding mechanism (e.g., reduced expenditures or increased revenue) must be identified to offset the amount(s) by which the proposed debt service payment(s) exceed the index. For purposes of this section, "identification" of a funding mechanism is satisfied by presentation to BFA and/or City Council prior to any action that would incur GO debt.

In Compliance

## Supplementary Information

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## Capital Asset Management Policies

As part of the financial policies for the City of Houston (adopted on December 3, 2014 Ordinance 2014-1078) referenced on page 3 of this Capital Improvement Plan, this section provides details for the Capital Asset Management policies as follows:

1. The five-year CIP shall be presented to and passed by City Council annually before the end of the preceding fiscal year. **Not In Compliance**

**The Fiscal Year 2016 – 2020 Capital Improvement Plan was placed on City Council agenda before the end of the preceding fiscal year on June 24, 2015. The item was tagged and was not passed until July 8, 2015. It is the City's goal to achieve compliance by placing the item on agenda at least one week earlier for the Fiscal Year 2017 - 2021 Capital Improvement Plan.**

2. Capital projects may not be included in the CIP without identified funding. Identified funding includes funds that are reasonably anticipated such as grants that have been awarded but not yet funded. Identified funding may also include proceeds from an anticipated future bond election. **In Compliance**
3. A five-year operating budget impact projection for all projects shall be reported in the CIP. **Not in Compliance**

**The Fiscal Year 2016 – 2020 Capital Improvement Plan included the General Fund departments' operational impacts. Additionally, the Fiscal Year 2017 – 2020 Proposed Capital Improvement Plan includes these impacts. See the Operational & Maintenance Section. Efforts are being made to include Enterprise departments' operational impacts in future Capital Improvement Plans.**

4. The City shall prioritize Asset Renewal and Replacement of existing facilities over new facilities. **In Compliance**

**The City prioritizes the renovation of existing general government infrastructure over new facilities.**

**Table 1. New City Facilities vs. Capital Maintenance  
All General Government Funding Sources  
(\$ Thousands)**

	FY 2017-2021 Planned Appropriations
New City Facilities*	33,207
Capital Maintenance Projects**	221,289

\*See Table 2 for further details.

\*\*See Table 5 for further details.

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

**Table 2. New General Government City Facilities  
All Funding Sources  
2017 - 2021 PROPOSED CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
C-000205	Fire Station 26 Renovation and Expansion	-	-	-	969	-	<b>969</b>
C-000213	Training Academy Gear and Cadet Lockers	-	-	-	654	-	<b>654</b>
G-000157	New Ammunition Storage Facility	-	-	428	-	-	<b>428</b>
G-000165	New Greenspoint Police Station	-	-	1,347	12,153	6,851	<b>20,351</b>
H-000117	Commerce Warehouse - Expansion	-	-	-	107	714	<b>821</b>
L-000078	New Multi-Use SWD Facility	-	826	9,158	-	-	<b>9,984</b>
	<b>Total Appropriations:</b>	-	<b>826</b>	<b>10,933</b>	<b>13,883</b>	<b>7,565</b>	<b>33,207</b>

5. All CIP-related Requests for Council Action must include a Fiscal Note that includes design and construction costs of the program/project and the projected operating and maintenance costs for a minimum of five years, as well as a reference to the item in the CIP where funding for the request is designated. **Not In Compliance**

**This process has been developed and is nearing readiness for rollout in conjunction with the operating budget fiscal note process. We expect compliance to be achieved during FY2017.**

6. For each new General Fund facility (i.e., not part of an enterprise fund) or Major Renovation of a General Fund facility, beginning in FY2016, 2% of the Current Replacement Value shall be included for capital maintenance in each fiscal year of the immediately following CIP and every CIP thereafter until that facility is sold or otherwise disposed of. Such funds may be used on any owned General Fund facility. **In Compliance**

**Table 3. FY2016 Completed General Government Facilities  
Current Replacement Value (CRV)  
All Funding Sources**

Project	Total Cost (\$ Thousands)
Jungman Neighborhood Library Renovation	6,760
Health Administration Headquarters Minor Renovation	1,797
Mobile Vehicle Inspection Building and Canopy	1,132
<b>Total Subject to Financial Policy</b>	<b>9,689</b>
<b>Total Estimated CRV*</b>	<b>2,102,608</b>

\*2016 Property Insurance Schedule plus 20% for utility and dirt work not included in asset values for insurance purposes.

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

**Table 4. Capital Maintenance and CRV**

Capital Maintenance Projects	(\$ Thousands)	% of CRV Per Financial Policy	% of Total CRV **
FY2017*	45,920	474%	2.2%
FY2018*	95,015	981%	4.5%
FY2019*	33,249	343%	1.6%
FY2020*	18,583	192%	0.9%
FY2021*	28,522	294%	1.4%

\*See Table 5 for further details.

\*\*Planned appropriations on capital maintenance projects above 2.0% will help reduce existing deferred maintenance.

**Table 5. General Government Capital Maintenance Projects**  
**All Funding Sources**  
**2017 - 2021 PROPOSED CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
C-000181	Fire Station 40 Replacement	-	1,706	8,055	-	-	9,761
C-000185	Environmental Remediation	344	83	122	100	100	749
C-000188	Fire Station 32 Renovation	1,400	-	-	-	-	1,400
C-000193	Facility Assessment Items - Priority 1&2	500	500	500	500	500	2,500
C-000195	Fire Station 31 Renovation	-	1,400	-	-	-	1,400
C-000196	Fire Station 16 Renovation	-	-	-	1,500	-	1,500
C-000200	Fire Station 64 Renovation	-	-	1,400	-	-	1,400
C-000201	Fire Station 70 Renovation	-	-	-	-	1,400	1,400
C-000203	Fire Station 19 Renovation	-	1,400	-	-	-	1,400
C-000206	Fire Station 55 Replacement	10,022	-	-	-	-	10,022
C-000210	Fire Station 43 Renovation	-	-	-	-	1,400	1,400
C-000211	Fire Station 17 Renovation	-	-	-	1,449	-	1,449
C-000212	Training Academy Burn Bldg Renovation	2,239	-	-	-	-	2,239
C-CCI001	Training Academy Restroom Facility	110	-	-	-	-	110
D-000073	Environmental Remediation	100	50	50	50	50	300
D-000166	City Hall Annex - Garage Waterproofing	-	-	700	-	-	700
D-000168	City Hall Annex - Drinking Fountains	60	-	-	-	-	60
D-000170	City Hall Annex - Sensors Infiltration	-	-	150	-	-	150
D-000173	City Hall - Sensors for Infiltration	-	-	150	-	-	150
D-000174	City Hall - Drinking Fountains	-	-	250	-	-	250
D-000180	Alief MSC, Community Center and Library	5,370	51,630	-	-	-	57,000
D-000181	City Hall - Structure Repairs	350	300	350	-	-	1,000
D-000184	City Hall - Replacement of Roof	923	-	-	-	-	923
D-000187	City Hall - Replacement of Boilers	-	300	-	-	-	300
D-000188	City Hall-Faucet and Valves Installation	-	60	-	-	-	60
D-000190	City Hall - Replace Air Handling Units	-	-	300	-	-	300
D-000191	City Hall - Restore Elevator Cabs	-	-	440	-	-	440

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

**Table 5. General Government Capital Maintenance Projects**  
**All Funding Sources**  
**2017 - 2021 PROPOSED CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
D-000192	City Hall - Install Shower Facilities	260	-	-	-	-	260
D-000193	City Hall- Replace TV Lights and Ceiling	-	-	250	-	-	250
D-000194	City Hall - Compressor Installation	-	45	-	-	-	45
D-000196	City Hall Annex - Roof Coating	-	420	-	-	-	420
D-000198	City Hall Annex - Restroom Renovations	710	-	-	-	-	710
D-000200	City Hall Annex - Garage Exhaust Fans	110	-	-	-	-	110
D-000210	City Wide - Code Compliance	-	-	-	536	-	536
D-000214	City Hall Annex - Renovate Water System	-	-	-	-	755	755
D-000215	City Hall Annex - Replace Sanitary Line	-	-	-	-	955	955
D-000216	City Hall - Replace Sanitary Line	-	-	-	100	855	955
D-000218	City Hall - Fire Alarm and PA System	-	-	-	-	1,130	1,130
D-000219	City Hall - Renovate Water System	-	-	-	-	1,155	1,155
D-000220	City Hall Annex - Fire Alarm and PA Sys	-	-	-	-	1,452	1,452
D-150001	HEC - Roof Replacement	-	-	-	-	1,108	1,108
E-000098	Moody Neighborhood Library - Replacement	-	1,510	8,049	-	-	9,559
E-000163	Environmental Remediation	25	50	50	50	50	225
E-000172	Flores Roof & Exterior Rehabilitation	-	439	-	-	-	439
E-000173	Mancuso Roof & Exterior Rehabilitation	-	427	-	-	-	427
E-000174	Blue Ridge Roof & Exterior Rehab	-	-	-	525	-	525
E-000182	Walter Roof & Exterior Rehabilitation	-	-	499	-	-	499
E-000210	Ring Roof & Exterior Rehabilitation	-	-	-	-	558	558
E-000211	Kashmere Roof & Exterior Rehabilitation	-	-	-	-	555	555
E-000212	Park Place Roof & Exterior Rehabilitatio	450	-	-	-	-	450
E-000213	Heights Roof & Exterior Rehabilitation	-	-	-	1,772	-	1,772
E-000224	Johnson Roof & Exterior Rehabilitation	-	-	-	550	-	550
E-000225	Smith Roof & Exterior Rehabilitation	-	-	-	525	-	525
E-000230	Mancuso HVAC Upgrades	-	-	-	-	333	333
E-000231	Melcher HVAC Upgrades	-	-	-	-	322	322
E-000232	Jones HVAC Upgrades	-	-	-	187	-	187
E-000233	JIB Archival HVAC Upgrades	-	-	-	-	95	95
E-000234	Scenic Woods HVAC Upgrades	-	-	-	-	300	300
F-000509	Environmental Projects	303	250	250	250	325	1,378
F-000710	Parks Facilities Roof Replacements	435	70	211	288	-	1,004
F-000781	Facility Condition Assessment	539	-	-	-	-	539
F-000783	Sharpstown Pool Replacement and Bldg Imp	2,196	-	-	-	-	2,196
F-000784	Lee LeClear Tennis Center Improvement	204	376	5,000	-	-	5,580
F-000785	Edgewood Park Community Center	45	956	-	-	-	1,001

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

**Table 5. General Government Capital Maintenance Projects**  
**All Funding Sources**  
**2017 - 2021 PROPOSED CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
F-000849	Restroom Building Upgrades	90	300	100	350	-	<b>840</b>
F-000850	Sagemont Park CC Gym Floor	-	-	-	-	275	<b>275</b>
G-000037	City-County Prisoner Processing Facility	13,137	-	-	-	-	<b>13,137</b>
G-000143	Facility Conditions Assessment Items 1&2	1,000	1,000	1,000	1,000	1,000	<b>5,000</b>
G-000144	Environmental Remediation	200	200	211	200	200	<b>1,011</b>
G-000158	Air Support - ADA & MEP Renovation	-	-	596	-	-	<b>596</b>
G-000164	Westside Fleet Building Roof Replacement	956	-	-	-	-	<b>956</b>
H-000010	Northside Health Center Renovation	294	2,944	-	-	-	<b>3,239</b>
H-000012	John Peavy - Foundation Renovation	319	3,246	-	-	-	<b>3,566</b>
H-000018	Roof Replacement - Reconstruction	420	-	420	-	420	<b>1,260</b>
H-000063	HVAC & MEP Improvement Project	304	-	304	-	304	<b>911</b>
H-000080	Southwest MSC - Renovation	-	-	-	166	1,106	<b>1,272</b>
H-000084	Northeast MSC Renovation	-	-	221	1,475	-	<b>1,696</b>
H-000086	Kashmere MSC Renovation	-	137	912	-	-	<b>1,048</b>
H-000091	Sunnyside MSC/HC	1,846	23,069	-	-	-	<b>24,915</b>
H-000093	Third Ward MSC & HC - Renovation	-	-	-	385	2,570	<b>2,955</b>
H-000094	West End HC - Renovation	-	-	-	228	2,696	<b>2,924</b>
H-000095	West End MSC - Renovation	-	-	-	316	3,757	<b>4,073</b>
H-000101	Denver Harbor MSC - Rehab	-	177	1,180	-	-	<b>1,357</b>
H-000104	Acres Homes MSC - Various Updates	260	1,730	-	-	-	<b>1,990</b>
H-000106	La Nueva Casa HC - Renovation	-	-	362	2,411	-	<b>2,773</b>
H-000111	Environmental Services	300	100	100	100	100	<b>700</b>
H-000122	Riverside HC - Renovation	-	-	456	3,043	-	<b>3,500</b>
H-000123	Denver Harbor MSC - Renovation	-	-	-	123	2,452	<b>2,575</b>
L-000052	Environmental Services	100	100	100	100	100	<b>500</b>
L-000104	Occupancy Code Compliance	-	-	311	104	104	<b>519</b>
L-000105	Locker Room Upgrades - Svc Centers	-	40	200	200	40	<b>480</b>
<b>Total Appropriations:</b>		<b>45,920</b>	<b>95,015</b>	<b>33,249</b>	<b>18,583</b>	<b>28,522</b>	<b>221,289</b>

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

## Debt Management Policies

**16.** Each fiscal year, the City will use that year's General Obligation (GO) debt service payment as a baseline to establish an index reflecting 4% annual growth in the City's GO debt service (i.e., if the current fiscal year's debt service is \$100, then the debt service index for subsequent years would be \$104, \$108.16, \$112.49, \$116.99, etc.). If any proposed action by the City (e.g., adoption of the CIP, or Council authorization of debt issuance) is to cause the GO debt service schedule as projected by the City's Financial Advisor to exceed the index in FY2019 and/or any subsequent year(s), a funding mechanism (e.g., reduced expenditures or increased revenue) must be identified to offset the amount(s) by which the proposed debt service payment(s) exceed the index. For purposes of this section, "identification" of a funding mechanism is satisfied by presentation to BFA and/or City Council prior to any action that would incur GO debt. ***In Compliance***

<u>Fiscal Year</u>	<u>GO Debt Service Index</u>	<u>GO Projected Debt Service</u> <sup>(1)(2)</sup>
2016	339,796,065	339,796,065
2017	353,387,908	340,088,757
2018	367,523,424	362,211,539
2019	382,224,361	363,564,363
2020	397,513,336	361,260,928
2021	413,413,869	336,093,791
2022	429,950,424	332,648,350
2023	447,148,441	347,670,187
2024	465,034,378	294,898,227
2025	483,635,753	299,712,031
2026	502,981,184	294,260,775
2027	523,100,431	306,232,840
2028	544,024,448	307,840,552
2029	565,785,426	294,583,687
2030	588,416,843	267,988,185
2031	611,953,517	266,837,374
2032	636,431,657	258,394,214
2033	661,888,924	217,425,939
2034	688,364,481	200,780,743
2035	715,899,060	243,437,924
2036	744,535,022	240,611,020
2037	774,316,423	232,864,195
2038	805,289,080	216,400,127
2039	837,500,643	224,249,284
2040	871,000,669	232,704,195
2041	905,840,696	257,968,325
2042	942,074,324	240,799,634
2043	979,757,297	243,342,346
2044	1,018,947,589	244,582,523
2045	1,059,705,492	248,782,100

- (1) The schedule included in the Proposed / Adopted Operating Budget reflects debt service due only on existing outstanding debt. The schedule provided above includes additional projected debt service due as a result of this CIP and assumes continued capital improvements at the same funding level plus inflation beyond Fiscal Year 2021.
- (2) Schedule provided by the City's financial advisor, FirstSouthwest, a Division of Hilltop Securities Inc., on May 27, 2016.

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

**Index of Funds**

Program Group	Source of Funds
A-AVIATION FACILITIES	8011 - HAS-Airports Improvement
	FAA/AIP – Federal Aviation Administration/ Airport Improvement Plan
	GRANTS – Various other grants
	REV BONDS/CP – Revenue Bonds
	R&R – Renewable and Replacement Fund
C-FIRE PROTECTION FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4500 - Fire Consolidated Construction Fund
D-GENERAL GOVERNMENT FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	1801 - Dangerous Building Consolidated Fund
	1850 - Reimbursement of Equipment/Projects Fund
	4502 - Parks Consolidated Construction Fund
	4507 - Public Library Consolidated Construction Fund
	4508 - Public Health Consolidated Construction Fund
	4509 - General Improvement Consolidated Construction Fund
	Future Bond Election
E-LIBRARY FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4507 - Public Library Consolidated Construction Fund
	Future Bond Election
F-PARKS AND RECREATION FACILITIES	4035 - Parks & Recreation Dedication Fund
	4502 - Parks Consolidated Construction Fund
	4515 – Contributed Capital Fund
	FrdS Of Lee LeClear – Friends Of Lee LeClear
	Grants- Various other grants
	HPB Fundraising – Houston Park Board Fundraising
	Private Funding
	TIRZ – Tax Increment Reinvestment Zone
G-POLICE FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4504 - Police Consolidated Construction Fund
	Grants – Various other grants
	Harris County Funds
H-PUBLIC HEALTH FACILITIES	TIRZ – Tax Increment Reinvestment Zone
	1800 - Equipment Acquisition Consolidated Fund
	4508 - Public Health Consolidated Constr Fund
L-SOLID WASTE FACILITIES	Future Bond Election
	1800 - Equipment Acquisition Consolidated Fund
	4503 - Solid Waste Consolidated Construction Fd
M-STORM DRAINAGE SYSTEM	Future Bond Election
	4042 - Street & Trfc Control & Strm Drain DDSRF
	8500 - PWE-W&S Syst Consolidated Constr Fd

**FISCAL YEAR 2017 - 2021**  
**PROPOSED CAPITAL IMPROVEMENT PLAN**

Program Group	Source of Funds
N-STREET & TRAFFIC CONTROL	4040A - Metro Construction - Other
	4040 - METRO Projects Construction - DDSRF
	4042 - Street & Trfc Control & Strm Drain DDSRF
	5030 - Federal State Local - Pass Through Fund
	5430 - Federal State Local - PWE Pass thru DDSRF
	8500 - PWE-W&S Syst Consolidated Constr Fd
	Ft Bend Participate
	Harris County
	Harris Ct FCD
	TXDOT-5430
	TXDOT-9999
P-HOMELESS & HOUSING FACILITIES	4501 - Homeless & Housing Consolidated Fund
R-WASTEWATER TREATMENT FACILITIES	4042 - Street & Trfc Control & Strm Drain DDSRF
	8500 - PWE-W&S Syst Consolidated Constr Fd
	Proposed TWDB (8500)
S-WATER UTILITY SYSTEM FACILITIES	4042 - Street & Trfc Control & Strm Drain DDSRF
	8319 - PWE - W & S Contributed CAP
	8500 - PWE-W&S Syst Consolidated Constr Fd
	Proposed TWDB
	Proposed TWDB (8319)
	Proposed TWDB (8500)
	Proposed W&S Cap (8319)
	TWDB Water Auth 8319
	Proposed W&S Cap (8500)
W-FLEET	1800 - Equipment Acquisition Consolidated Fund
	2002 - Health Special Revenue
	2009 - Swimming Pool Safety
	2104 - Parks Golf Special
	2106 - Bayou Greenway 2020
	2301 - Building Inspection Fund
	2302 - Stormwater Fund
	2310 - Dedicated Drainage & Street Renewal
	2423 - Special Waste Transportation & Inspect
	8012 - HAS-AIF Capital Outlay
	8305 - PWE-Combined Utility System Gen Pur Fund
	8700 - Parking Management Operating Fund
X-INFORMATION TECHNOLOGY IMPROVEMENTS	1800 - Equipment Acquisition Consolidated Fund
	Asset Forfeiture



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# **AVIATION FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land	1,600					1,600
Design	340,617	17,254	1,115	7,668	6,300	372,954
Construction	307,585	756,770	287,006	84,903	274,737	1,711,001
Equipment Acquisition						
Salary Recovery						
Other	80,889	28,890	27,082	8,960	13,200	159,021
<b>Total Allocation</b>	<b>730,691</b>	<b>802,914</b>	<b>315,203</b>	<b>101,531</b>	<b>294,237</b>	<b>2,244,576</b>
<b>Source of Funds</b>						
8011 - HAS-Airports Improvement	304,642	83,274	103,009	27,268	41,139	559,332
FAA/AIP	50,232		20,250			70,482
OTHER GRANTS	3,100					3,100
REV BONDS/CP	350,959	695,828	175,454	74,263	253,098	1,549,602
R&R	21,758	23,812	16,490			62,060
<b>Total Funds</b>	<b>730,691</b>	<b>802,914</b>	<b>315,203</b>	<b>101,531</b>	<b>294,237</b>	<b>2,244,576</b>

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>A-000138</b>	<b>Technical Engineering Services</b>						
	8011 - HAS-Airports Improvement		2,120				2,120
	<b>Project Total</b>		2,120				2,120
<b>A-000348</b>	<b>Miscellaneous Construction</b>						
	8011 - HAS-Airports Improvement	515	530	545	560	575	2,725
	<b>Project Total</b>	515	530	545	560	575	2,725
<b>A-000422</b>	<b>Civic Art for Aviation-HAS</b>						
	8011 - HAS-Airports Improvement	2,218	5,928	1,082		2,074	11,302
	<b>Project Total</b>	2,218	5,928	1,082		2,074	11,302
<b>A-000423</b>	<b>General Environmental Services - HAS</b>						
	R&R	5,704					5,704
	<b>Project Total</b>	5,704					5,704
<b>A-000437</b>	<b>Ground Transportation Mgmt System-GBIAH</b>						
	8011 - HAS-Airports Improvement	1,797					1,797
	<b>Project Total</b>	1,797					1,797
<b>A-000447</b>	<b>Various Bldg &amp; Supt Sys-Central FIS-IAH</b>						
	R&R	2,941					2,941
	<b>Project Total</b>	2,941					2,941
<b>A-000448</b>	<b>Cup 480-Volt Distribution System</b>						
	8011 - HAS-Airports Improvement	7,416					7,416
	<b>Project Total</b>	7,416					7,416
<b>A-000456</b>	<b>Various Bldg &amp; Supt-Roadways-IAH</b>						
	R&R	318		472			790
	<b>Project Total</b>	318		472			790

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000458</b>	<b>Various Bldg &amp; Supt Sys-Infrastruct-IAH</b>						
	R&R		18,891				18,891
	<b>Project Total</b>		18,891				18,891
<b>A-000461</b>	<b>Various Bldg &amp; Supt Sys-Airfield-IAH</b>						
	8011 - HAS-Airports Improvement			209			209
	R&R			6,208			6,208
	<b>Project Total</b>			6,417			6,417
<b>A-000465</b>	<b>Term A N&amp;S 480-Volt Distribution Sys</b>						
	8011 - HAS-Airports Improvement	20,600					20,600
	<b>Project Total</b>	20,600					20,600
<b>A-000474</b>	<b>Various Bldg &amp; Supt Sys-Main Term-Hou</b>						
	R&R	5,160	478				5,638
	<b>Project Total</b>	5,160	478				5,638
<b>A-000477</b>	<b>PN 604A Inter-Terminal Train-Repairs</b>						
	8011 - HAS-Airports Improvement					5,750	5,750
	R&R		1,060	9,810			10,870
	<b>Project Total</b>		1,060	9,810		5,750	16,620
<b>A-000478</b>	<b>Various Bldg &amp; Supt Sys-Utilities-Hou</b>						
	R&R		2,420				2,420
	<b>Project Total</b>		2,420				2,420
<b>A-000480</b>	<b>Various Bldg Supt Sys-EFD</b>						
	R&R		963				963
	<b>Project Total</b>		963				963

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000492</b>	<b>Various Bldg Supt Sys-APM-IAH</b>						
	R&R	4,120					4,120
	<b>Project Total</b>	4,120					4,120
<b>A-000494</b>	<b>APM Guide Way Structural Enhancements</b>						
	8011 - HAS-Airports Improvement	4,507	29,608				34,115
	<b>Project Total</b>	4,507	29,608				34,115
<b>A-000495</b>	<b>Public Wi-Fi Expansion-HAS</b>						
	8011 - HAS-Airports Improvement	3,614					3,614
	<b>Project Total</b>	3,614					3,614
<b>A-000498</b>	<b>Demolish Unoccupied HAS Owned Bldgs</b>						
	8011 - HAS-Airports Improvement	1,030					1,030
	<b>Project Total</b>	1,030					1,030
<b>A-000504</b>	<b>Runway 12R-30L Taxiway Q Reconstruction</b>						
	8011 - HAS-Airports Improvement				5,600		5,600
	<b>Project Total</b>				5,600		5,600
<b>A-000509</b>	<b>Landside Roadway Improvements - IAH</b>						
	8011 - HAS-Airports Improvement	12,668					12,668
	<b>Project Total</b>	12,668					12,668
<b>A-000510</b>	<b>New GT Staging Area - GBIAH</b>						
	8011 - HAS-Airports Improvement	4,000					4,000
	<b>Project Total</b>	4,000					4,000
<b>A-000513</b>	<b>Airport Pavement Replacement</b>						
	8011 - HAS-Airports Improvement	6,500					6,500
	R&R	3,000					3,000
	<b>Project Total</b>	9,500					9,500

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000515</b>	<b>Rehab Taxiway SA,SB &amp; RA - GBIAH</b>						
	8011 - HAS-Airports Improvement	5,000	294	67,713			73,007
	<b>Project Total</b>	5,000	294	67,713			73,007
<b>A-000516</b>	<b>Sanitary Sewer - GBIAH</b>						
	8011 - HAS-Airports Improvement	9,221					9,221
	<b>Project Total</b>	9,221					9,221
<b>A-000519</b>	<b>Install Canopy at Pass Drop Off Area - H</b>						
	8011 - HAS-Airports Improvement	4,590					4,590
	<b>Project Total</b>	4,590					4,590
<b>A-000521</b>	<b>Taxiway H &amp; H2 Rehab - HOU</b>						
	8011 - HAS-Airports Improvement			1,090	10,080		11,170
	<b>Project Total</b>			1,090	10,080		11,170
<b>A-000527</b>	<b>Non-Standard FAA Taxiways at HOU</b>						
	8011 - HAS-Airports Improvement	750		6,750			7,500
	FAA/AIP	2,250		20,250			22,500
	<b>Project Total</b>	3,000		27,000			30,000
<b>A-000528</b>	<b>LA for HOU-FPA/PIN Point Hobby HOU</b>						
	8011 - HAS-Airports Improvement	1,600					1,600
	<b>Project Total</b>	1,600					1,600
<b>A-000539</b>	<b>Lactation Stations at GB IAH</b>						
	8011 - HAS-Airports Improvement	53					53
	<b>Project Total</b>	53					53
<b>A-000543</b>	<b>SMGCS LGHTG &amp; Markings - FIS Expansion</b>						
	8011 - HAS-Airports Improvement	1,080					1,080
	<b>Project Total</b>	1,080					1,080

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000548</b>	<b>Container Storage Facility - GBIAH</b>						
	8011 - HAS-Airports Improvement	52	424				476
	<b>Project Total</b>	52	424				476
<b>A-000549</b>	<b>HPD/HFD Airport Radios &amp; Citywide Cov</b>						
	8011 - HAS-Airports Improvement		2,650				2,650
	<b>Project Total</b>		2,650				2,650
<b>A-000553</b>	<b>Scannojets-Security Check Sys - HAS</b>						
	8011 - HAS-Airports Improvement	1,443					1,443
	<b>Project Total</b>	1,443					1,443
<b>A-000556</b>	<b>Upgrade BHS Cntrls &amp; Bids Enhancements</b>						
	8011 - HAS-Airports Improvement	2,987					2,987
	<b>Project Total</b>	2,987					2,987
<b>A-000559</b>	<b>Passenger Queue Tracking - HAS</b>						
	8011 - HAS-Airports Improvement		4,650				4,650
	<b>Project Total</b>		4,650				4,650
<b>A-000563</b>	<b>Space Locator &amp; Signage A/B/C/D Garage</b>						
	8011 - HAS-Airports Improvement	10,300					10,300
	<b>Project Total</b>	10,300					10,300
<b>A-000564</b>	<b>Air Traffic Control Tower (ATCT) EFD</b>						
	8011 - HAS-Airports Improvement	5,065					5,065
	FAA/AIP	2,000					2,000
	OTHER GRANTS	3,100					3,100
	<b>Project Total</b>	10,165					10,165

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000570</b>	<b>Reconstruction of Taxiway NB - IAH</b>						
	8011 - HAS-Airports Improvement	15,780					15,780
	FAA/AIP	43,225					43,225
	<b>Project Total</b>	59,005					59,005
<b>A-000572</b>	<b>Wayfinding Garage Facilities -IAH/HOU</b>						
	8011 - HAS-Airports Improvement	2,500					2,500
	<b>Project Total</b>	2,500					2,500
<b>A-000573</b>	<b>Perimeter Security Intrus Detection Sys</b>						
	8011 - HAS-Airports Improvement	2,150	3,150				5,300
	<b>Project Total</b>	2,150	3,150				5,300
<b>A-000574</b>	<b>Taxiway M Rehab</b>						
	8011 - HAS-Airports Improvement				1,568	14,490	16,058
	<b>Project Total</b>				1,568	14,490	16,058
<b>A-000576</b>	<b>Modify N Electrical Vault and Misc. Elec</b>						
	8011 - HAS-Airports Improvement				500	4,500	5,000
	<b>Project Total</b>				500	4,500	5,000
<b>A-000580</b>	<b>Hobby Drainage &amp; Roadway Flooding - HOU</b>						
	8011 - HAS-Airports Improvement	3,245					3,245
	<b>Project Total</b>	3,245					3,245
<b>A-000581</b>	<b>Terminal A Modernization Program</b>						
	REV BONDS/CP		15,000		45,000	45,000	105,000
	<b>Project Total</b>		15,000		45,000	45,000	105,000
<b>A-000584</b>	<b>Security System Enhancements - HAS</b>						
	8011 - HAS-Airports Improvement	2,060	5,300				7,360
	<b>Project Total</b>	2,060	5,300				7,360

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000590</b>	<b>Rehabilitate and Expand ARFF Station-HAS</b>						
	8011 - HAS-Airports Improvement	3,500					3,500
	<b>Project Total</b>	3,500					3,500
<b>A-000596</b>	<b>HAS Admin Bldg Expansion - IAH</b>						
	8011 - HAS-Airports Improvement	3,000					3,000
	REV BONDS/CP	27,000					27,000
	<b>Project Total</b>	30,000					30,000
<b>A-000599</b>	<b>Internal Signage at IAH &amp; HOU</b>						
	8011 - HAS-Airports Improvement	500	4,500				5,000
	<b>Project Total</b>	500	4,500				5,000
<b>A-000600</b>	<b>Infrastructure Staff Augmentation - HAS</b>						
	8011 - HAS-Airports Improvement	9,000			3,360	3,450	15,810
	<b>Project Total</b>	9,000			3,360	3,450	15,810
<b>A-000602</b>	<b>On-Call Planning Services</b>						
	8011 - HAS-Airports Improvement	7,500			3,360	3,450	14,310
	<b>Project Total</b>	7,500			3,360	3,450	14,310
<b>A-000605</b>	<b>Parking Garage Rehab at Terminals -GBIAH</b>						
	8011 - HAS-Airports Improvement	1,391					1,391
	<b>Project Total</b>	1,391					1,391
<b>A-000607</b>	<b>Term A/B Garage-PublicParking Improvment</b>						
	8011 - HAS-Airports Improvement	5,099					5,099
	<b>Project Total</b>	5,099					5,099
<b>A-000608</b>	<b>Smiley Face Tablets in Restrooms - HAS</b>						
	8011 - HAS-Airports Improvement	1,200					1,200
	<b>Project Total</b>	1,200					1,200

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>A-000610</b>	<b>Cell Phone Lots on JFK &amp; Will Clayton</b>						
	8011 - HAS-Airports Improvement	4,500					4,500
	<b>Project Total</b>	4,500					4,500
<b>A-000614</b>	<b>SatelliteCntrlUtilities-SUP Facility-HOU</b>						
	REV BONDS/CP			8,175		8,625	16,800
	<b>Project Total</b>			8,175		8,625	16,800
<b>A-000617</b>	<b>Extend Runway 17R-35L - EFD</b>						
	8011 - HAS-Airports Improvement					550	550
	<b>Project Total</b>					550	550
<b>A-000618</b>	<b>Hobby Original Garage - HOU</b>						
	8011 - HAS-Airports Improvement	1,500					1,500
	<b>Project Total</b>	1,500					1,500
<b>A-000622</b>	<b>Reworking Constr Taxiway WA/WB</b>						
	8011 - HAS-Airports Improvement	64,742					64,742
	<b>Project Total</b>	64,742					64,742
<b>A-000623</b>	<b>Demolition of Tower at IAH -REIMB by FAA</b>						
	FAA/AIP	2,757					2,757
	<b>Project Total</b>	2,757					2,757
<b>A-000624</b>	<b>Term B Core &amp; NO 480-Volt Distrib Sys</b>						
	8011 - HAS-Airports Improvement		21,200				21,200
	<b>Project Total</b>		21,200				21,200
<b>A-000625</b>	<b>IAH Fleet Maintenance Building</b>						
	8011 - HAS-Airports Improvement	4,371					4,371
	<b>Project Total</b>	4,371					4,371

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>A-000626</b>	<b>Term-A NO &amp; SO Restroom Remodel</b>							
	8011 - HAS-Airports Improvement	4,635					4,635	
	<b>Project Total</b>	4,635					4,635	
<b>A-000627</b>	<b>Airport Blvd &amp; Ecopark Access Rd.- HOU</b>							
	8011 - HAS-Airports Improvement	1,854					1,854	
	<b>Project Total</b>	1,854					1,854	
<b>A-000628</b>	<b>Security Lane Backflow Prevention</b>							
	8011 - HAS-Airports Improvement	4,636					4,636	
	<b>Project Total</b>	4,636					4,636	
<b>A-000629</b>	<b>Aerospace Design &amp; Solution Lab - EFD</b>							
	REV BONDS/CP	2,650	17,004				19,654	
	<b>Project Total</b>	2,650	17,004				19,654	
<b>A-000630</b>	<b>Hobby Parking Office</b>							
	8011 - HAS-Airports Improvement	773					773	
	<b>Project Total</b>	773					773	
<b>A-000633</b>	<b>PN 780 Public Wi-Fi &amp; BLE Beacon Upgrade</b>							
	8011 - HAS-Airports Improvement				6,540		6,540	
	<b>Project Total</b>				6,540		6,540	
<b>A-000634</b>	<b>On Call Technology Contract</b>							
	8011 - HAS-Airports Improvement		2,120	2,180	2,240	2,300	8,840	
	<b>Project Total</b>		2,120	2,180	2,240	2,300	8,840	
<b>A-000635</b>	<b>Communication Cabling Infrastructure</b>							
	8011 - HAS-Airports Improvement	1,500					1,500	
	<b>Project Total</b>	1,500					1,500	

**AVIATION FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>A-000636</b>	<b>Parking Revenue Control System - HAS</b>							
	8011 - HAS-Airports Improvement			10,900				10,900
	<b>Project Total</b>			10,900				10,900
<b>A-000637</b>	<b>Relocation of RTR - HOU</b>							
	8011 - HAS-Airports Improvement	200	800					1,000
	<b>Project Total</b>	200	800					1,000
<b>A-000642</b>	<b>Non Terminal Facility Sys Rehab - HAS</b>							
	R&R	515						515
	<b>Project Total</b>	515						515
<b>A-000643</b>	<b>PC Air Units for Central Concourse - HOU</b>							
	8011 - HAS-Airports Improvement	4,000						4,000
	<b>Project Total</b>	4,000						4,000
<b>A-000800</b>	<b>Executive Program Manager Services-ITRP</b>							
	8011 - HAS-Airports Improvement	48,000		6,000			4,000	58,000
	REV BONDS/CP	321,309	663,824	167,279	29,263	199,473		1,381,148
	<b>Project Total</b>	369,309	663,824	173,279	29,263	203,473		1,439,148
	<b>Total Appropriations:</b>	730,691	802,914	315,203	101,531	294,237		2,244,576

**AVIATION - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-28ADSP</b>	<b>HAS - Admin Support / Operations</b>						
	8012 - HAS-AIF Capital Outlay	192		115	99	122	528
	<b>Project Total</b>	192		115	99	122	528
<b>W-28ERES</b>	<b>HAS - Emergency Response</b>						
	8012 - HAS-AIF Capital Outlay	2,195	1,900	2,016	2,132	2,248	10,491
	<b>Project Total</b>	2,195	1,900	2,016	2,132	2,248	10,491
<b>W-28MTOP</b>	<b>HAS - Maintenance Operations</b>						
	8012 - HAS-AIF Capital Outlay	760	203	150	224	158	1,495
	<b>Project Total</b>	760	203	150	224	158	1,495
	<b>Total Appropriations:</b>	<b>3,147</b>	<b>2,103</b>	<b>2,281</b>	<b>2,455</b>	<b>2,528</b>	<b>12,514</b>



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# **BAYOU GREENWAYS**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land	566					566
Design	2,858	2,857	2,857	2,857		11,429
Construction	39,749	25,787	39,390	32,623		137,549
Equipment Acquisition						
Salary Recovery	200	200	200	200		800
Other						
<b>Total Allocation</b>	<b>43,373</b>	<b>28,844</b>	<b>42,447</b>	<b>35,680</b>		<b>150,344</b>
<b>Source of Funds</b>						
4502 - Parks Consolidated Construction Fund	14,066	17,497	27,598	3,444		62,605
HPB Fundraising	29,307	11,347	14,849	32,236		87,739
<b>Total Funds</b>	<b>43,373</b>	<b>28,844</b>	<b>42,447</b>	<b>35,680</b>		<b>150,344</b>

**BAYOU GREENWAYS - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>F-BG2020</b>	<b>Bayou Greenways 2020</b>						
	4502 - Parks Consolidated Construction Fund	200	200	200	200		800
	HPB Fundraising	2,858	2,857	2,857	2,857		11,429
	<b>Project Total</b>	<b>3,058</b>	<b>3,057</b>	<b>3,057</b>	<b>3,057</b>		<b>12,229</b>
<b>F-BGBRBA</b>	<b>Bayou Greenways Brays Bayou</b>						
	4502 - Parks Consolidated Construction Fund		4,937	6,208	972		12,117
	HPB Fundraising	8,635	2,034	414	3,513		14,596
	<b>Project Total</b>	<b>8,635</b>	<b>6,971</b>	<b>6,622</b>	<b>4,485</b>		<b>26,713</b>
<b>F-BGBUBA</b>	<b>Bayou Greenways Buffalo Bayou</b>						
	4502 - Parks Consolidated Construction Fund		3,805	2,378			6,183
	HPB Fundraising	1,911	250	208			2,369
	<b>Project Total</b>	<b>1,911</b>	<b>4,055</b>	<b>2,586</b>			<b>8,552</b>
<b>F-BGCLBA</b>	<b>Bayou Greenways Clear Creek Bayou</b>						
	4502 - Parks Consolidated Construction Fund			2,910	481		3,392
	HPB Fundraising	1,709	1,871	1,161	133		4,874
	<b>Project Total</b>	<b>1,709</b>	<b>1,871</b>	<b>4,071</b>	<b>614</b>		<b>8,266</b>
<b>F-BGGRBA</b>	<b>Bayou Greenways Greens Bayou</b>						
	4502 - Parks Consolidated Construction Fund		2,388	5,572			7,960
	HPB Fundraising	6,895	1,362	4,142	6,609		19,008
	<b>Project Total</b>	<b>6,895</b>	<b>3,750</b>	<b>9,714</b>	<b>6,609</b>		<b>26,968</b>
<b>F-BGHA03</b>	<b>BG2020 - Tidwell to Bretshire</b>						
	4502 - Parks Consolidated Construction Fund	1,918					1,918
	HPB Fundraising	301					301
	<b>Project Total</b>	<b>2,219</b>					<b>2,219</b>

**BAYOU GREENWAYS - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>F-BGHA99</b>	<b>BG2020 - Halls Bayou Land</b>						
	HPB Fundraising	566					566
	<b>Project Total</b>	<b>566</b>					<b>566</b>
<b>F-BGHUBA</b>	<b>Bayou Greenways Hunting Bayou</b>						
	4502 - Parks Consolidated Construction Fund			5,689	1,636		7,325
	HPB Fundraising	460	494	2,936	4,458		8,348
	<b>Project Total</b>	<b>460</b>	<b>494</b>	<b>8,625</b>	<b>6,094</b>		<b>15,673</b>
<b>F-BGSCBA</b>	<b>Bayou Greenways Spring Creek Bayou</b>						
	4502 - Parks Consolidated Construction Fund		902	1,818			2,719
	HPB Fundraising	177	179	1,115	133		1,604
	<b>Project Total</b>	<b>177</b>	<b>1,081</b>	<b>2,933</b>	<b>133</b>		<b>4,323</b>
<b>F-BGSI01</b>	<b>BG2020 - Milby Park to I-45</b>						
	4502 - Parks Consolidated Construction Fund	820					820
	HPB Fundraising	324					324
	<b>Project Total</b>	<b>1,144</b>					<b>1,144</b>
<b>F-BGSI04</b>	<b>BG2020 - West of Cullen to SH 288</b>						
	4502 - Parks Consolidated Construction Fund	1,676					1,676
	HPB Fundraising	76					76
	<b>Project Total</b>	<b>1,752</b>					<b>1,752</b>
<b>F-BGSI05</b>	<b>BG2020 - SH 288 to Buffalo Speedway</b>						
	4502 - Parks Consolidated Construction Fund	3,911					3,911
	HPB Fundraising	204					204
	<b>Project Total</b>	<b>4,115</b>					<b>4,115</b>

**BAYOU GREENWAYS - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>F-BGSI06</b>	<b>BG2020 - Buffalo Speedway to S. Post Oak</b>						
	4502 - Parks Consolidated Construction Fund	5,540					5,540
	HPB Fundraising	308					308
	<b>Project Total</b>	<b>5,848</b>					<b>5,848</b>
<b>F-BGSIBA</b>	<b>Bayou Greenways Sims Bayou</b>						
	4502 - Parks Consolidated Construction Fund		5,179	2,735	77		7,992
	HPB Fundraising	627	832	144	5,457		7,060
	<b>Project Total</b>	<b>627</b>	<b>6,011</b>	<b>2,879</b>	<b>5,534</b>		<b>15,052</b>
<b>F-BGWOBA</b>	<b>Bayou Greenways White Oak Bayou</b>						
	4502 - Parks Consolidated Construction Fund		87	88	77		252
	HPB Fundraising	4,256	1,468	1,872	9,076		16,672
	<b>Project Total</b>	<b>4,256</b>	<b>1,555</b>	<b>1,960</b>	<b>9,153</b>		<b>16,924</b>
	<b>Total Appropriations:</b>	<b>43,373</b>	<b>28,844</b>	<b>42,447</b>	<b>35,680</b>		<b>150,344</b>

**Bayou Greenways - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-36WHDB</b>	<b>Parks - White Oak Bayou</b>						
	2106 - Bayou Greenway 2020	145	120	151	79	152	646
	<b>Project Total</b>	145	120	151	79	152	646
	<b>Total Appropriations:</b>	<b>145</b>	<b>120</b>	<b>151</b>	<b>79</b>	<b>152</b>	<b>646</b>



# Civic Art

# Civic Art

- City Council established the Houston Civic Art Program in December 1999 because art has enabled people in all societies to better understand their communities and individual lives. The City's standing as a national leader in public art will be enhanced by encouraging artists to create public works of art that improve the quality of life in Houston.
- Funding is an amount equal to 1.75% of eligible CIP projects, which excludes paving projects, street resurfacing, runways, parking lots, signal and traffic control, underground projects, demolition projects, environmental assessment or remediation projects, projects for the rehabilitation or replacement of a single building system (e.g. roofing only), as well as individual projects with an estimated cost less than \$500,000 and combined projects where the individual projects have an estimated cost less than \$500,000.
- For additional details, see Ordinance No. 2006-731.
- Civic Art Projects include paintings, murals, prints, drawings, photographs, videos, films, decorations, stained glass, statues, sculptures, monuments, fountains, arches, or other structures of permanent character located on City property. Civic Art funds may also be used to restore existing art.

**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

**CIVIC ART - Summary of Future Funds**

**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

Department	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Aviation	2,218	5,928	1,082		2,074	11,302
Fire	223	64	163	79	48	576
Gen. Gov't.	92	888				980
Health	42	539	51	117	118	866
Library		14	125			139
Parks	42	51	36	9	10	147
Police			33	209	118	360
Solid Waste		15	158			173
					<b>Total</b>	<b>14,543</b>

\*All amounts are also indicated within each department on the Form D and Form A in the Project Allocation line Other except Aviation and Public Works. All Aviation Art is associated only with project A-000422.

**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

**CIVIC ART - Summary of Funds**

**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

Department	Project	Description	2017-2021
Aviation	Civic Art Contracted Projects	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	3,342
		<b>Project Total</b>	<b>3,342</b>
Aviation	Civic Art Un-contracted Project	Unencumbered Pool Balance.	1,934
		<b>Project Total</b>	<b>1,934</b>
Fire	Civic Art Un-contracted Project	Unencumbered Pool Balance.	557
		<b>Project Total</b>	<b>557</b>
Gen. Govrn.	HTV Reception Room City Hall	Municipal Channel lobby display in City Hall.	30
		<b>Project Total</b>	<b>30</b>
Gen. Govrn.	Houston Cauldron Monument Relocation	Contract for City Art program's administration (Art repairs, relocation, new civic art projects, or enhancements of existing Art).	51
		<b>Project Total</b>	<b>51</b>
Gen. Govrn.	Civic Art Contracted Projects	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	20
		<b>Project Total</b>	<b>20</b>
Gen. Govrn.	Civic Art Un-contracted Project	Unencumbered Pool Balance.	60
		<b>Project Total</b>	<b>60</b>
Health	Civic Art Un-contracted Project	Unencumbered Pool Balance.	314
		<b>Project Total</b>	<b>314</b>
Library	Young Library Sculpture	Outdoor Sculpture at Young Library.	257
		<b>Project Total</b>	<b>257</b>
Library	Needlepoint Guild	Quilt Restoration Project	11
		<b>Project Total</b>	<b>11</b>

**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

**CIVIC ART - Summary of Funds**

**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

<b>Department</b>	<b>Project</b>	<b>Description</b>	<b>2017-2021</b>
Library	Civic Art Contracted Projects	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	1
		<b>Project Total</b>	<b>1</b>
Library	Civic Art Un-contracted Project	Unencumbered Pool Balance.	758
		<b>Project Total</b>	<b>758</b>
Parks	Garden Sculpture	Sculpture located in Herman Park.	16
		<b>Project Total</b>	<b>16</b>
Parks	Prior Park Art Restoration Projects	Park restoration.	16
		<b>Project Total</b>	<b>16</b>
Parks	Civic Art Contracted Projects	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	64
		<b>Project Total</b>	<b>64</b>
Parks	Civic Art Un-contracted Project	Unencumbered Pool Balance.	280
		<b>Project Total</b>	<b>280</b>
Police	Fountain Project	Fountain repairs and construction for HPD memorial	28
		<b>Project Total</b>	<b>28</b>
Police	Fondren Station Project	Hanging art for ceiling, sculpture & cast metal in corridor, call & community rooms.	4
		<b>Project Total</b>	<b>4</b>
Police	Civic Art Un-contracted Project	Unencumbered Pool Balance.	543
		<b>Project Total</b>	<b>543</b>
Solid Waste	Vehicle Art Wraps Projects	Art wrap Solid Waste trucks	20
		<b>Project Total</b>	<b>20</b>

**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

**CIVIC ART - Summary of Funds**

**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

<b>Department</b>	<b>Project</b>	<b>Description</b>	<b>2017-2021</b>
Public Works	Bagby Underpass Project	Bagby Underpass project (lighting , wall decoration and painting )	32
		<b>Project Total</b>	32
Public Works	Civic Art Un-contracted Project	Unencumbered Pool Balance.	94
		<b>Project Total</b>	94
Public Works	Waste Water Civic Art contracted Projects	Lipski's Periscope Project	20
		<b>Project Total</b>	20
Public Works	Waste Water Civic Art Un-contracted Project	Unencumbered Pool Balance.	318
		<b>Project Total</b>	318
<b>Total</b>			<b>8,770</b>



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land		719				719
Design	200	904		172		1,276
Construction	13,469	3,402	9,915	6,955	3,650	37,391
Equipment Acquisition	3,623	2,900	2,900	2,900	2,900	15,223
Salary Recovery	462	447	348	436	448	2,140
Other	223	64	163	79	48	576
<b>Total Allocation</b>	<b>17,976</b>	<b>8,436</b>	<b>13,325</b>	<b>10,542</b>	<b>7,046</b>	<b>57,325</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	2,900	2,900	2,900	2,900	2,900	14,500
4500 - Fire Consolidated Construction Fund	15,076	5,536	10,425	7,642	4,146	42,825
<b>Total Funds</b>	<b>17,976</b>	<b>8,436</b>	<b>13,325</b>	<b>10,542</b>	<b>7,046</b>	<b>57,325</b>

**FIRE PROTECTION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021	
		2017	2018	2019	2020	2021		
<b>C-000003</b>	<b>FS 82 Remediation and Tanks Replacement</b>							
	4500 - Fire Consolidated Construction Fund						298	298
	<b>Project Total</b>						298	298
<b>C-000007</b>	<b>Bunker Gear</b>							
	1800 - Equipment Acquisition Consolidated Fund	1,600	1,600	1,600	1,600	1,600	1,600	8,000
	<b>Project Total</b>	1,600	1,600	1,600	1,600	1,600	1,600	8,000
<b>C-000174</b>	<b>Fire Station 22 Parking Expansion</b>							
	4500 - Fire Consolidated Construction Fund					371		371
	<b>Project Total</b>					371		371
<b>C-000181</b>	<b>Fire Station 40 Replacement</b>							
	4500 - Fire Consolidated Construction Fund		1,706	8,055				9,761
	<b>Project Total</b>		1,706	8,055				9,761
<b>C-000185</b>	<b>Environmental Remediation</b>							
	4500 - Fire Consolidated Construction Fund	344	83	122	100	100		749
	<b>Project Total</b>	344	83	122	100	100		749
<b>C-000188</b>	<b>Fire Station 32 Renovation</b>							
	4500 - Fire Consolidated Construction Fund	1,400						1,400
	<b>Project Total</b>	1,400						1,400
<b>C-000193</b>	<b>Facility Assessment Items - Priority 1&amp;2</b>							
	4500 - Fire Consolidated Construction Fund	500	500	500	500	500		2,500
	<b>Project Total</b>	500	500	500	500	500		2,500
<b>C-000195</b>	<b>Fire Station 31 Renovation</b>							
	4500 - Fire Consolidated Construction Fund		1,400					1,400
	<b>Project Total</b>		1,400					1,400

**FIRE PROTECTION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>C-000196</b>	<b>Fire Station 16 Renovation</b>							
	4500 - Fire Consolidated Construction Fund				1,500			1,500
	<b>Project Total</b>				1,500			1,500
<b>C-000199</b>	<b>Life Safety Equipment</b>							
	1800 - Equipment Acquisition Consolidated Fund	650	650	650	650	650		3,250
	<b>Project Total</b>	650	650	650	650	650		3,250
<b>C-000200</b>	<b>Fire Station 64 Renovation</b>							
	4500 - Fire Consolidated Construction Fund			1,400				1,400
	<b>Project Total</b>			1,400				1,400
<b>C-000201</b>	<b>Fire Station 70 Renovation</b>							
	4500 - Fire Consolidated Construction Fund					1,400		1,400
	<b>Project Total</b>					1,400		1,400
<b>C-000203</b>	<b>Fire Station 19 Renovation</b>							
	4500 - Fire Consolidated Construction Fund		1,400					1,400
	<b>Project Total</b>		1,400					1,400
<b>C-000205</b>	<b>Fire Station 26 Renovation and Expansion</b>							
	4500 - Fire Consolidated Construction Fund				969			969
	<b>Project Total</b>				969			969
<b>C-000206</b>	<b>Fire Station 55 Replacement</b>							
	4500 - Fire Consolidated Construction Fund	10,022						10,022
	<b>Project Total</b>	10,022						10,022
<b>C-000207</b>	<b>Emergency Response Equipment</b>							
	1800 - Equipment Acquisition Consolidated Fund	650	650	650	650	650		3,250
	<b>Project Total</b>	650	650	650	650	650		3,250

**FIRE PROTECTION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>C-000210</b>	<b>Fire Station 43 Renovation</b>							
	4500 - Fire Consolidated Construction Fund					1,400	1,400	
	<b>Project Total</b>					1,400	1,400	
<b>C-000211</b>	<b>Fire Station 17 Renovation</b>							
	4500 - Fire Consolidated Construction Fund				1,449		1,449	
	<b>Project Total</b>				1,449		1,449	
<b>C-000212</b>	<b>Training Academy Burn Bldg Renovation</b>							
	4500 - Fire Consolidated Construction Fund	2,239					2,239	
	<b>Project Total</b>	2,239					2,239	
<b>C-000213</b>	<b>Training Academy Gear and Cadet Lockers</b>							
	4500 - Fire Consolidated Construction Fund				654		654	
	<b>Project Total</b>				654		654	
<b>C-000214</b>	<b>Training Academy Road Paving</b>							
	4500 - Fire Consolidated Construction Fund				1,663		1,663	
	<b>Project Total</b>				1,663		1,663	
<b>C-000SAL</b>	<b>Salary Recovery</b>							
	4500 - Fire Consolidated Construction Fund	462	447	348	436	448	2,140	
	<b>Project Total</b>	462	447	348	436	448	2,140	
<b>C-CCI001</b>	<b>Training Academy Restroom Facility</b>							
	4500 - Fire Consolidated Construction Fund	110					110	
	<b>Project Total</b>	110					110	
	<b>Total Appropriations:</b>	17,976	8,436	13,325	10,542	7,046	57,325	

**FIRE - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-12ERES</b>	<b>HFD - Emergency Response Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	5,489	5,489	5,489	5,489	5,489	27,445
	<b>Project Total</b>	5,489	5,489	5,489	5,489	5,489	27,445
<b>W-12INVG</b>	<b>HFD - Investigative Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	506	275	275	275	275	1,606
	<b>Project Total</b>	506	275	275	275	275	1,606
<b>W-12WHDB</b>	<b>HFD - Warehousing &amp; Distribution</b>						
	1800 - Equipment Acquisition Consolidated Fund	48					48
	<b>Project Total</b>	48					48
<b>Information Technology</b>							
<b>X-120015</b>	<b>HFD - SQL Upgrades 2012</b>						
	1800 - Equipment Acquisition Consolidated Fund	75					75
	<b>Project Total</b>	75					75
	<b>Total Appropriations:</b>	<b>6,118</b>	<b>5,764</b>	<b>5,764</b>	<b>5,764</b>	<b>5,764</b>	<b>29,174</b>



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Equipment Acquisition	53,043	39,619	38,451	38,262	39,295	208,669
<b>Total Allocation</b>	<b>53,043</b>	<b>39,619</b>	<b>38,451</b>	<b>38,262</b>	<b>39,295</b>	<b>208,669</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	25,460	18,658	18,658	18,658	18,658	100,092
2002 - Health Special Revenue	140					140
2009 - Swimming Pool Safety	35					35
2104 - Parks Golf Special	273	199	129	164	260	1,024
2106 - Bayou Greenway 2020	145	120	151	79	152	646
2301 - Building Inspection Fund	1,525	998	998	1,074	1,035	5,631
2302 - Stormwater Fund	3,297	2,301				5,597
2310 - Dedicated Drainage & Street Renewal	3,981	3,123	3,824	3,122	3,577	17,627
2423 - Special Waste Transportation & Inspect	525					525
8012 - HAS-AIF Capital Outlay	3,147	2,103	2,281	2,455	2,528	12,513
8305 - PWE-Combined Utility System Gen Pur Fund	14,316	11,957	12,235	12,562	12,935	64,006
8700 - Parking Mangement Operating Fund	199	161	176	147	150	833
<b>Total Funds</b>	<b>53,043</b>	<b>39,619</b>	<b>38,451</b>	<b>38,262</b>	<b>39,295</b>	<b>208,669</b>

**FLEET - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>W-10ERES</b>	<b>HPD - Emergency Response Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	9,040	9,040	9,040	9,040	9,040	45,200
	<b>Project Total</b>	9,040	9,040	9,040	9,040	9,040	45,200
<b>W-10INVG</b>	<b>HPD - Investigative Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	474	474	474	474	474	2,370
	<b>Project Total</b>	474	474	474	474	474	2,370
<b>W-11ADSP</b>	<b>DON - Admin Support / Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	26					26
	<b>Project Total</b>	26					26
<b>W-12ERES</b>	<b>HFD - Emergency Response Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	5,697	5,489	5,489	5,489	5,489	27,653
	<b>Project Total</b>	5,697	5,489	5,489	5,489	5,489	27,653
<b>W-12INVG</b>	<b>HFD - Investigative Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	506	275	275	275	275	1,606
	<b>Project Total</b>	506	275	275	275	275	1,606
<b>W-12WHDB</b>	<b>HFD - Warehousing &amp; Distribution</b>						
	1800 - Equipment Acquisition Consolidated Fund	48					48
	<b>Project Total</b>	48					48
<b>W-202301</b>	<b>PWE - Building Inspection Fund</b>						
	2301 - Building Inspection Fund	1,525	998	998	1,074	1,035	5,631
	<b>Project Total</b>	1,525	998	998	1,074	1,035	5,631
<b>W-202302</b>	<b>PWE - Stormwater Fund</b>						
	2302 - Stormwater Fund	3,297	2,301				5,597
	<b>Project Total</b>	3,297	2,301				5,597

**FLEET - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>W-202310</b>	<b>PWE - Dedicated Drainage&amp;Street Renewal</b>							
	2310 - Dedicated Drainage & Street Renewal	3,981	3,123	3,824	3,122	3,577	17,627	
	<b>Project Total</b>	3,981	3,123	3,824	3,122	3,577	17,627	
<b>W-208305</b>	<b>PWE - Combined Utility System Gen Purpos</b>							
	8305 - PWE-Combined Utility System Gen Pur Fund	14,316	11,957	12,235	12,562	12,935	64,006	
	<b>Project Total</b>	14,316	11,957	12,235	12,562	12,935	64,006	
<b>W-21ATSH</b>	<b>SWD - Automated Trash Vehicles</b>							
	1800 - Equipment Acquisition Consolidated Fund	6,096	3,120	3,120	3,120	3,120	18,576	
	<b>Project Total</b>	6,096	3,120	3,120	3,120	3,120	18,576	
<b>W-21BULK</b>	<b>SWD - Bulk Waste / Heavy Trash Vehicles</b>							
	1800 - Equipment Acquisition Consolidated Fund	1,397					1,397	
	<b>Project Total</b>	1,397					1,397	
<b>W-21NDES</b>	<b>SWD - Neighborhood Depositories</b>							
	1800 - Equipment Acquisition Consolidated Fund	260	260	260	260	260	1,300	
	<b>Project Total</b>	260	260	260	260	260	1,300	
<b>W-25MTOP</b>	<b>GSD - Maintenance Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	26					26	
	<b>Project Total</b>	26					26	
<b>W-25RVOP</b>	<b>GSD - Renovations Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	17					17	
	<b>Project Total</b>	17					17	
<b>W-28ADSP</b>	<b>HAS - Admin Support / Operations</b>							
	8012 - HAS-AIF Capital Outlay	192		115	99	122	528	
	<b>Project Total</b>	192		115	99	122	528	

**FLEET - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>W-28ERES</b>	<b>HAS - Emergency Response</b>							
	8012 - HAS-AIF Capital Outlay	2,195	1,900	2,016	2,132	2,248	10,491	
	<b>Project Total</b>	2,195	1,900	2,016	2,132	2,248	10,491	
<b>W-28MTOP</b>	<b>HAS - Maintenance Operations</b>							
	8012 - HAS-AIF Capital Outlay	760	203	150	224	158	1,495	
	<b>Project Total</b>	760	203	150	224	158	1,495	
<b>W-34WHDB</b>	<b>HPL - Warehouse and Distribution</b>							
	1800 - Equipment Acquisition Consolidated Fund	21					21	
	<b>Project Total</b>	21					21	
<b>W-36FMUP</b>	<b>PRD - Facility Maintenance / Urban Park</b>							
	1800 - Equipment Acquisition Consolidated Fund	286					286	
	<b>Project Total</b>	286					286	
<b>W-36GMUF</b>	<b>PRD - Ground Maintenance/Urban Forestry</b>							
	1800 - Equipment Acquisition Consolidated Fund	194					194	
	<b>Project Total</b>	194					194	
<b>W-36GTOP</b>	<b>PRD - Golf &amp; Tennis Operations</b>							
	2104 - Parks Golf Special	273	199	129	164	260	1,024	
	<b>Project Total</b>	273	199	129	164	260	1,024	
<b>W-36RCWL</b>	<b>PRD - Recreation &amp; Wellness</b>							
	1800 - Equipment Acquisition Consolidated Fund	30					30	
	<b>Project Total</b>	30					30	
<b>W-36WHDB</b>	<b>Parks - White Oak Bayou</b>							
	2106 - Bayou Greenway 2020	145	120	151	79	152	646	
	<b>Project Total</b>	145	120	151	79	152	646	

**FLEET - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>W-38OPER</b>	<b>HLT - Health Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	39					39	
	2002 - Health Special Revenue	140					140	
	2009 - Swimming Pool Safety	35					35	
	2423 - Special Waste Transportation & Inspect	525					525	
	<b>Project Total</b>	739					739	
<b>W-65ADSP</b>	<b>ARA - Admin Support / Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	21					21	
	8700 - Parking Mangement Operating Fund	199	161	176	147	150	833	
	<b>Project Total</b>	220	161	176	147	150	854	
<b>W-67MTOP</b>	<b>FMD - Maintenance Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	1,238					1,238	
	<b>Project Total</b>	1,238					1,238	
<b>W-68ADSP</b>	<b>HITS - Admin Support / Operations</b>							
	1800 - Equipment Acquisition Consolidated Fund	46					46	
	<b>Project Total</b>	46					46	
	<b>Total Appropriations:</b>	53,043	39,619	38,451	38,262	39,295	208,669	

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

# **GENERAL GOVERNMENT FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	5,614	115	166	143	572	6,610
Construction	2,237	53,902	2,731	1,368	6,888	67,126
Equipment Acquisition	2,000	2,000	2,000	2,111	2,142	10,253
Salary Recovery	1,257	583	439	565	691	3,534
Other	92	888				980
<b>Total Allocation</b>	<b>11,201</b>	<b>57,488</b>	<b>5,336</b>	<b>4,187</b>	<b>10,293</b>	<b>88,504</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	110			111	4,724	4,945
1801 - Dangerous Bldg Consolidated Fundd		2,000				2,000
1850 - Reimbursement of Equipment/Projects Fund	2,000	2,000	2,000	2,000		8,000
4502 - Parks Consolidated Construction Fund	1,790					1,790
4507 - Public Library Consolidated Constr Fund	1,790					1,790
4508 - Public Health Consolidated Constr Fund	1,790					1,790
4509 - General Improvement Consol Constr Fd	3,721	1,858				5,578
Future Bond Election		51,630	3,336	2,076	5,569	62,611
<b>Total Funds</b>	<b>11,201</b>	<b>57,488</b>	<b>5,336</b>	<b>4,187</b>	<b>10,293</b>	<b>88,504</b>

**GENERAL GOVERNMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>D-000073</b>	<b>Environmental Remediation</b>						
	4509 - General Improvement Consol Constr Fd	100	50				150
	Future Bond Election			50	50	50	150
	<b>Project Total</b>	100	50	50	50	50	300
<b>D-000166</b>	<b>City Hall Annex - Garage Waterproofing</b>						
	Future Bond Election			700			700
	<b>Project Total</b>			700			700
<b>D-000168</b>	<b>City Hall Annex - Drinking Fountains</b>						
	4509 - General Improvement Consol Constr Fd	60					60
	<b>Project Total</b>	60					60
<b>D-000170</b>	<b>City Hall Annex - Sensors Infiltration</b>						
	Future Bond Election			150			150
	<b>Project Total</b>			150			150
<b>D-000173</b>	<b>City Hall - Sensors for Infiltration</b>						
	Future Bond Election			150			150
	<b>Project Total</b>			150			150
<b>D-000174</b>	<b>City Hall - Drinking Fountains</b>						
	Future Bond Election			250			250
	<b>Project Total</b>			250			250
<b>D-000180</b>	<b>Alief MSC, Community Center and Library</b>						
	4502 - Parks Consolidated Construction Fund	1,790					1,790
	4507 - Public Library Consolidated Constr Fund	1,790					1,790
	4508 - Public Health Consolidated Constr Fund	1,790					1,790
	Future Bond Election		51,630				51,630
	<b>Project Total</b>	5,370	51,630				57,000

**GENERAL GOVERNMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>D-000181</b>	<b>City Hall - Structure Repairs</b>						
	4509 - General Improvement Consol Constr Fd	350	300				650
	Future Bond Election			350			350
	<b>Project Total</b>	350	300	350			1,000
<b>D-000184</b>	<b>City Hall - Replacement of Roof</b>						
	4509 - General Improvement Consol Constr Fd	923					923
	<b>Project Total</b>	923					923
<b>D-000187</b>	<b>City Hall - Replacement of Boilers</b>						
	4509 - General Improvement Consol Constr Fd		300				300
	<b>Project Total</b>		300				300
<b>D-000188</b>	<b>City Hall-Faucet and Valves Installation</b>						
	4509 - General Improvement Consol Constr Fd		60				60
	<b>Project Total</b>		60				60
<b>D-000190</b>	<b>City Hall - Replace Air Handling Units</b>						
	Future Bond Election			300			300
	<b>Project Total</b>			300			300
<b>D-000191</b>	<b>City Hall - Restore Elevator Cabs</b>						
	Future Bond Election			440			440
	<b>Project Total</b>			440			440
<b>D-000192</b>	<b>City Hall - Install Shower Facilities</b>						
	4509 - General Improvement Consol Constr Fd	260					260
	<b>Project Total</b>	260					260
<b>D-000193</b>	<b>City Hall- Replace TV Lights and Ceiling</b>						
	Future Bond Election			250			250
	<b>Project Total</b>			250			250

**GENERAL GOVERNMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>D-000194</b>	<b>City Hall - Compressor Installation</b>						
	4509 - General Improvement Consol Constr Fd		45				45
	<b>Project Total</b>		45				45
<b>D-000196</b>	<b>City Hall Annex - Roof Coating</b>						
	4509 - General Improvement Consol Constr Fd		420				420
	<b>Project Total</b>		420				420
<b>D-000198</b>	<b>City Hall Annex - Restroom Renovations</b>						
	4509 - General Improvement Consol Constr Fd	710					710
	<b>Project Total</b>	710					710
<b>D-000200</b>	<b>City Hall Annex - Garage Exhaust Fans</b>						
	1800 - Equipment Acquisition Consolidated Fund	110					110
	<b>Project Total</b>	110					110
<b>D-000206</b>	<b>City Hall - Exterior Assessment</b>						
	4509 - General Improvement Consol Constr Fd		100				100
	<b>Project Total</b>		100				100
<b>D-000210</b>	<b>City Wide - Code Compliance</b>						
	Future Bond Election				536		536
	<b>Project Total</b>				536		536
<b>D-000211</b>	<b>City Wide Key Program</b>						
	1800 - Equipment Acquisition Consolidated Fund				111		111
	<b>Project Total</b>				111		111
<b>D-000212</b>	<b>City Hall - Sidewalk Paver Replacement</b>						
	Future Bond Election				825		825
	<b>Project Total</b>				825		825

**GENERAL GOVERNMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>D-000214</b>	<b>City Hall Annex - Renovate Water System</b>							
	Future Bond Election					755	755	
	<b>Project Total</b>					755	755	
<b>D-000215</b>	<b>City Hall Annex - Replace Sanitary Line</b>							
	Future Bond Election					955	955	
	<b>Project Total</b>					955	955	
<b>D-000216</b>	<b>City Hall - Replace Sanitary Line</b>							
	Future Bond Election				100	855	955	
	<b>Project Total</b>				100	855	955	
<b>D-000217</b>	<b>City Wide Access Control System Upgrade</b>							
	1800 - Equipment Acquisition Consolidated Fund					1,721	1,721	
	<b>Project Total</b>					1,721	1,721	
<b>D-000218</b>	<b>City Hall - Fire Alarm and PA System</b>							
	1800 - Equipment Acquisition Consolidated Fund					1,130	1,130	
	<b>Project Total</b>					1,130	1,130	
<b>D-000219</b>	<b>City Hall - Renovate Water System</b>							
	Future Bond Election					1,155	1,155	
	<b>Project Total</b>					1,155	1,155	
<b>D-000220</b>	<b>City Hall Annex - Fire Alarm and PA Sys</b>							
	1800 - Equipment Acquisition Consolidated Fund					1,452	1,452	
	<b>Project Total</b>					1,452	1,452	
<b>D-000221</b>	<b>City Wide Intrusion System Upgrade</b>							
	1800 - Equipment Acquisition Consolidated Fund					421	421	
	<b>Project Total</b>					421	421	

**GENERAL GOVERNMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>D-000SAL</b>	<b>Salary Recovery</b>							
	4509 - General Improvement Consol Constr Fd	1,257	583					1,840
	Future Bond Election			439	565	691		1,695
	<b>Project Total</b>	1,257	583	439	565	691		3,534
<b>D-110001</b>	<b>Dangerous Buildings Demolition</b>							
	1801 - Dangerous Bldg Consolidated Fundd		2,000					2,000
	<b>Project Total</b>		2,000					2,000
<b>D-150001</b>	<b>HEC - Roof Replacement</b>							
	Future Bond Election					1,108		1,108
	<b>Project Total</b>					1,108		1,108
<b>D-160003</b>	<b>Renovation of MCD space</b>							
	Future Bond Election			257				257
	<b>Project Total</b>			257				257
<b>D-650001</b>	<b>BARC Kennel Renovations</b>							
	4509 - General Improvement Consol Constr Fd	60						60
	<b>Project Total</b>	60						60
<b>D-650005</b>	<b>ARA - Parking Pay Station Replacement</b>							
	1850 - Reimbursement of Equipment/Projects Fund	2,000	2,000	2,000	2,000			8,000
	<b>Project Total</b>	2,000	2,000	2,000	2,000			8,000
	<b>Total Appropriations:</b>	11,201	57,488	5,336	4,187	10,293		88,504

**GENERAL GOVERNMENT - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-65ADSP</b>	<b>ARA - Admin Support / Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	21					21
	8700 - Parking Mangement Operating Fund	199	161	176	147	150	833
	<b>Project Total</b>	220	161	176	147	150	854
<b>W-11ADSP</b>	<b>DON - Admin Support / Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	26					26
	<b>Project Total</b>	26					26
<b>W-25MTOP</b>	<b>GSD - Maintenance Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	26					26
	<b>Project Total</b>	26					26
<b>W-25RVOP</b>	<b>GSD - Renovations Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	17					17
	<b>Project Total</b>	17					17
<b>Information Technology</b>							
<b>X-250002</b>	<b>GSD - Real Estate Module</b>						
	1800 - Equipment Acquisition Consolidated Fund				416		416
	<b>Project Total</b>				416		416
	<b>Total Appropriations:</b>	<b>289</b>	<b>161</b>	<b>176</b>	<b>563</b>	<b>150</b>	<b>1,339</b>



# HEALTH FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning			4	25		29
Acquisition-Land					3,623	3,623
Design	2,677	308	1,140	1,638	440	6,204
Construction	1,313	30,557	3,119	11,017	15,254	61,260
Equipment Acquisition						
Salary Recovery	760	835	1,044	834	840	4,313
Other	42	539	51	117	118	866
<b>Total Allocation</b>	<b>4,792</b>	<b>32,239</b>	<b>5,359</b>	<b>13,631</b>	<b>20,275</b>	<b>76,296</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	304		580	3,885	304	5,072
4508 - Public Health Consolidated Constr Fund	4,489	28,993				33,481
Future Bond Election		3,246	4,779	9,746	19,971	37,743
<b>Total Funds</b>	<b>4,792</b>	<b>32,239</b>	<b>5,359</b>	<b>13,631</b>	<b>20,275</b>	<b>76,296</b>

**HEALTH FACILITIES - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>H-000010</b>	<b>Northside Health Center Renovation</b>						
	4508 - Public Health Consolidated Constr Fund	294	2,944				3,239
	<b>Project Total</b>	294	2,944				3,239
<b>H-000012</b>	<b>John Peavy - Foundation Renovation</b>						
	4508 - Public Health Consolidated Constr Fund	319					319
	Future Bond Election		3,246				3,246
	<b>Project Total</b>	319	3,246				3,566
<b>H-000018</b>	<b>Roof Replacement - Reconstruction</b>						
	4508 - Public Health Consolidated Constr Fund	420					420
	Future Bond Election			420		420	840
	<b>Project Total</b>	420		420		420	1,260
<b>H-000063</b>	<b>HVAC &amp; MEP Improvement Project</b>						
	1800 - Equipment Acquisition Consolidated Fund	304		304		304	911
	<b>Project Total</b>	304		304		304	911
<b>H-000079</b>	<b>Generators for Immunization Refrigerator</b>						
	1800 - Equipment Acquisition Consolidated Fund			276			276
	<b>Project Total</b>			276			276
<b>H-000080</b>	<b>Southwest MSC - Renovation</b>						
	Future Bond Election				166	1,106	1,272
	<b>Project Total</b>				166	1,106	1,272
<b>H-000083</b>	<b>Transfer Switches/Generators HC Sites</b>						
	1800 - Equipment Acquisition Consolidated Fund				2,092		2,092
	<b>Project Total</b>				2,092		2,092

**HEALTH FACILITIES - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>H-000084</b>	<b>Northeast MSC Renovation</b>						
	Future Bond Election			221	1,475		1,696
	<b>Project Total</b>			221	1,475		1,696
<b>H-000085</b>	<b>Acres Homes MSC-Green Space</b>						
	4508 - Public Health Consolidated Constr Fund	290					290
	<b>Project Total</b>	290					290
<b>H-000086</b>	<b>Kashmere MSC Renovation</b>						
	4508 - Public Health Consolidated Constr Fund		137				137
	Future Bond Election			912			912
	<b>Project Total</b>		137	912			1,048
<b>H-000091</b>	<b>Sunnyside MSC/HC</b>						
	4508 - Public Health Consolidated Constr Fund	1,846	23,069				24,915
	<b>Project Total</b>	1,846	23,069				24,915
<b>H-000093</b>	<b>Third Ward MSC &amp; HC - Renovation</b>						
	Future Bond Election				385	2,570	2,955
	<b>Project Total</b>				385	2,570	2,955
<b>H-000094</b>	<b>West End HC - Renovation</b>						
	Future Bond Election				228	2,696	2,924
	<b>Project Total</b>				228	2,696	2,924
<b>H-000095</b>	<b>West End MSC - Renovation</b>						
	Future Bond Election				316	3,757	4,073
	<b>Project Total</b>				316	3,757	4,073

**HEALTH FACILITIES - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>H-000101</b>	<b>Denver Harbor MSC - Rehab</b>							
	4508 - Public Health Consolidated Constr Fund		177					177
	Future Bond Election			1,180				1,180
	<b>Project Total</b>		177	1,180				1,357
<b>H-000104</b>	<b>Acres Homes MSC - Various Updates</b>							
	4508 - Public Health Consolidated Constr Fund	260	1,730					1,990
	<b>Project Total</b>	260	1,730					1,990
<b>H-000106</b>	<b>La Nueva Casa HC - Renovation</b>							
	Future Bond Election			362	2,411			2,773
	<b>Project Total</b>			362	2,411			2,773
<b>H-000111</b>	<b>Environmental Services</b>							
	4508 - Public Health Consolidated Constr Fund	300	100					400
	Future Bond Election			100	100	100		300
	<b>Project Total</b>	300	100	100	100	100		700
<b>H-000114</b>	<b>La Nueva Casa HC - Parking Expansion</b>							
	Future Bond Election					2,304		2,304
	<b>Project Total</b>					2,304		2,304
<b>H-000115</b>	<b>Third Ward MSC &amp; HC -Parking/Bike Trail</b>							
	Future Bond Election					1,170		1,170
	<b>Project Total</b>					1,170		1,170
<b>H-000116</b>	<b>Magnolia MSC &amp; HC- Parking Lot Expansion</b>							
	Future Bond Election					1,842		1,842
	<b>Project Total</b>					1,842		1,842

**HEALTH FACILITIES - Summary of Funds 2017-2021  
CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>H-000117</b>	<b>Commerce Warehouse - Expansion</b>						
	Future Bond Election				107	714	821
	<b>Project Total</b>				107	714	821
<b>H-000120</b>	<b>Transfer Switches/Generators MSC Sites</b>						
	1800 - Equipment Acquisition Consolidated Fund				1,494		1,494
	<b>Project Total</b>				1,494		1,494
<b>H-000121</b>	<b>Commerce Warehouse - Generator</b>						
	1800 - Equipment Acquisition Consolidated Fund				299		299
	<b>Project Total</b>				299		299
<b>H-000122</b>	<b>Riverside HC - Renovation</b>						
	Future Bond Election			456	3,043		3,500
	<b>Project Total</b>			456	3,043		3,500
<b>H-000123</b>	<b>Denver Harbor MSC - Renovation</b>						
	Future Bond Election				123	2,452	2,575
	<b>Project Total</b>				123	2,452	2,575
<b>H-000124</b>	<b>Vital Statistics Redesign</b>						
	Future Bond Election			84	558		642
	<b>Project Total</b>			84	558		642
<b>H-000SAL</b>	<b>Salary Recovery</b>						
	4508 - Public Health Consolidated Constr Fund	760	835				1,596
	Future Bond Election			1,044	834	840	2,718
	<b>Project Total</b>	760	835	1,044	834	840	4,313
	<b>Total Appropriations:</b>	4,792	32,239	5,359	13,631	20,275	76,296

**HEALTH - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>General Government</b>							
<b>D-000180</b>	<b>Alief MSC, Community Center and Library</b>						
	4508 - Public Health Consolidated Constr Fund	1,790					1,790
	Future Bond Election		17,210				17,210
	<b>Project Total</b>	1,790	17,210				19,000
<b>W-38OPER</b>	<b>HLT - Health Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	39					39
	2002 - Health Special Revenue	140					140
	2009 - Swimming Pool Safety	35					35
	2423 - Special Waste Transportation & Inspect	525					525
	<b>Project Total</b>	739					739
	<b>Total Appropriations:</b>	<b>2,529</b>	<b>17,210</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,739</b>



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# HOMELESS & HOUSING FACILITIES



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design						
Construction	1,100	1,100	1,100	1,100	1,100	5,500
Equipment Acquisition						
Salary Recovery						
Other						
<b>Total Allocation</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>5,500</b>
<b>Source of Funds</b>						
4501 - Homeless & Housing Consolidated Fund	1,100	1,100	1,100	1,100	1,100	5,500
<b>Total Funds</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>1,100</b>	<b>5,500</b>

**HOMELESS & HOUSING FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>P-000014</b>	<b>Affordable Housing Project</b>						
	4501 - Homeless & Housing Consolidated Fund	1,100	1,100	1,100	1,100	1,100	5,500
	<b>Project Total</b>	1,100	1,100	1,100	1,100	1,100	5,500
	<b>Total Appropriations:</b>	1,100	1,100	1,100	1,100	1,100	5,500



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The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

# **INFORMATION TECHNOLOGY**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Initiating						
Planning						
Executing	13,086	4,198	6,160	9,724	3,076	36,244
Monitoring & Controlling						
Closing						
<b>Total Allocation</b>	<b>13,086</b>	<b>4,198</b>	<b>6,160</b>	<b>9,724</b>	<b>3,076</b>	<b>36,244</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	12,186	4,198	6,160	9,724	3,076	35,344
Asset Forfeiture	900					900
<b>Total Funds</b>	<b>13,086</b>	<b>4,198</b>	<b>6,160</b>	<b>9,724</b>	<b>3,076</b>	<b>36,244</b>

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>X-100005</b>	<b>HPD - Disaster Network Redundancies</b>						
	1800 - Equipment Acquisition Consolidated Fund	200			998		1,198
	<b>Project Total</b>	200			998		1,198
<b>X-100007</b>	<b>HPD - Operational Systems Refresh</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	300	300	300	300	1,500
	<b>Project Total</b>	300	300	300	300	300	1,500
<b>X-100013</b>	<b>HPD - Smartphone App For Citizens</b>						
	1800 - Equipment Acquisition Consolidated Fund			107			107
	<b>Project Total</b>			107			107
<b>X-100014</b>	<b>HPD - Smartphone App Internal</b>						
	1800 - Equipment Acquisition Consolidated Fund			268			268
	<b>Project Total</b>			268			268
<b>X-100017</b>	<b>HPD - Video Operational Growth</b>						
	1800 - Equipment Acquisition Consolidated Fund				333		333
	<b>Project Total</b>				333		333
<b>X-100023</b>	<b>HPD - IT Equipment</b>						
	1800 - Equipment Acquisition Consolidated Fund				1,951		1,951
	<b>Project Total</b>				1,951		1,951
<b>X-100024</b>	<b>HPD - Portable Radios - Disaster Support</b>						
	1800 - Equipment Acquisition Consolidated Fund	600					600
	<b>Project Total</b>	600					600
<b>X-100025</b>	<b>HPD - Body Cameras</b>						
	1800 - Equipment Acquisition Consolidated Fund	539					539
	<b>Project Total</b>	539					539

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>X-100027</b>	<b>HPD - In-Car Video Cams and Storage</b>						
	1800 - Equipment Acquisition Consolidated Fund	800	400				1,200
	Asset Forfeiture	900					900
	<b>Project Total</b>	1,700	400				2,100
<b>X-100028</b>	<b>HPD - City-County Software Interfaces</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	300				600
	<b>Project Total</b>	300	300				600
<b>X-100029</b>	<b>HPD - Air Support Inventory Control Sys</b>						
	1800 - Equipment Acquisition Consolidated Fund				111		111
	<b>Project Total</b>				111		111
<b>X-100030</b>	<b>HPD - Data Center Replacements</b>						
	1800 - Equipment Acquisition Consolidated Fund				252		252
	<b>Project Total</b>				252		252
<b>X-100031</b>	<b>HPD - Command Center Video Wall</b>						
	1800 - Equipment Acquisition Consolidated Fund				55		55
	<b>Project Total</b>				55		55
<b>X-100035</b>	<b>HPD - Crime Analysis Integrated System</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	585				885
	<b>Project Total</b>	300	585				885
<b>X-110001</b>	<b>MYR - Citizen Assistance Website</b>						
	1800 - Equipment Acquisition Consolidated Fund	100					100
	<b>Project Total</b>	100					100
<b>X-120015</b>	<b>HFD - SQL Upgrades 2012</b>						
	1800 - Equipment Acquisition Consolidated Fund	75					75
	<b>Project Total</b>	75					75

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>X-150005</b>	<b>HEC - Dispatch Server Refresh</b>							
	1800 - Equipment Acquisition Consolidated Fund				287		287	
	<b>Project Total</b>				287		287	
<b>X-150011</b>	<b>HEC - Firehouse Hardware</b>							
	1800 - Equipment Acquisition Consolidated Fund				82		82	
	<b>Project Total</b>				82		82	
<b>X-150012</b>	<b>HEC - 911 Automated Text Dispatch</b>							
	1800 - Equipment Acquisition Consolidated Fund				610		610	
	<b>Project Total</b>				610		610	
<b>X-160003</b>	<b>MCD - CSMART SQL Database Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund	350					350	
	<b>Project Total</b>	350					350	
<b>X-160004</b>	<b>MCD - Courtroom Electronic Recording</b>							
	1800 - Equipment Acquisition Consolidated Fund				155		155	
	<b>Project Total</b>				155		155	
<b>X-160005</b>	<b>MCD - CSMART Enable Online Filing</b>							
	1800 - Equipment Acquisition Consolidated Fund				55		55	
	<b>Project Total</b>				55		55	
<b>X-160006</b>	<b>MCD - Joint Processing Center Hardware</b>							
	1800 - Equipment Acquisition Consolidated Fund		185				185	
	<b>Project Total</b>		185				185	
<b>X-160007</b>	<b>MCD - Online Class Registration</b>							
	1800 - Equipment Acquisition Consolidated Fund				28		28	
	<b>Project Total</b>				28		28	

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>X-210001</b>	<b>SWD - Vehicle Tracking &amp; Performance Sys</b>						
	1800 - Equipment Acquisition Consolidated Fund	1,058					1,058
	<b>Project Total</b>	1,058					1,058
<b>X-250002</b>	<b>GSD - Real Estate Module</b>						
	1800 - Equipment Acquisition Consolidated Fund				416		416
	<b>Project Total</b>				416		416
<b>X-340010</b>	<b>HPL - RFID Sorter/Installation</b>						
	1800 - Equipment Acquisition Consolidated Fund	384					384
	<b>Project Total</b>	384					384
<b>X-340013</b>	<b>HPL - Self Service Public Scanning</b>						
	1800 - Equipment Acquisition Consolidated Fund				313		313
	<b>Project Total</b>				313		313
<b>X-340014</b>	<b>HPL - 24 Hour Library Units</b>						
	1800 - Equipment Acquisition Consolidated Fund					417	417
	<b>Project Total</b>					417	417
<b>X-510002</b>	<b>OBO - MWBE Automation</b>						
	1800 - Equipment Acquisition Consolidated Fund				78		78
	<b>Project Total</b>				78		78
<b>X-640017</b>	<b>FIN - SAP Budgeting Software</b>						
	1800 - Equipment Acquisition Consolidated Fund	1,000					1,000
	<b>Project Total</b>	1,000					1,000
<b>X-640018</b>	<b>FIN - Contract/Procurement Mgt System</b>						
	1800 - Equipment Acquisition Consolidated Fund	500					500
	<b>Project Total</b>	500					500

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>X-640019</b>	<b>FIN - SAP Combo WBS Profile</b>							
	1800 - Equipment Acquisition Consolidated Fund				51			51
	<b>Project Total</b>				51			51
<b>X-640020</b>	<b>FIN - SAP Monitor Sequential Purchases</b>							
	1800 - Equipment Acquisition Consolidated Fund	48						48
	<b>Project Total</b>	48						48
<b>X-640021</b>	<b>FIN - SAP Proj. Capitalization Workflow</b>							
	1800 - Equipment Acquisition Consolidated Fund				106			106
	<b>Project Total</b>				106			106
<b>X-640022</b>	<b>FIN - SAP Energy Billing Enhancement</b>							
	1800 - Equipment Acquisition Consolidated Fund	48						48
	<b>Project Total</b>	48						48
<b>X-640023</b>	<b>FIN - SAP Tracking Posted Budgets</b>							
	1800 - Equipment Acquisition Consolidated Fund				53			53
	<b>Project Total</b>				53			53
<b>X-650011</b>	<b>ARA - 311 Upgrade or Replacement</b>							
	1800 - Equipment Acquisition Consolidated Fund					430		430
	<b>Project Total</b>					430		430
<b>X-650012</b>	<b>ARA - Kronos Upgrade to Version 8</b>							
	1800 - Equipment Acquisition Consolidated Fund	150						150
	<b>Project Total</b>	150						150
<b>X-650013</b>	<b>ARA - Permit and Inspection Software</b>							
	1800 - Equipment Acquisition Consolidated Fund				898			898
	<b>Project Total</b>				898			898

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>X-680002</b>	<b>Server &amp; Storage Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund	300	300	300	300	300	1,500	
	<b>Project Total</b>	300	300	300	300	300	1,500	
<b>X-680003</b>	<b>Data Center Refresh</b>							
	1800 - Equipment Acquisition Consolidated Fund					1,000	1,000	
	<b>Project Total</b>					1,000	1,000	
<b>X-680007</b>	<b>INFOR - Enterprise Solution</b>							
	1800 - Equipment Acquisition Consolidated Fund	1,700					1,700	
	<b>Project Total</b>	1,700					1,700	
<b>X-680012</b>	<b>SAP Performance Testing Tools</b>							
	1800 - Equipment Acquisition Consolidated Fund	100	100				200	
	<b>Project Total</b>	100	100				200	
<b>X-680014</b>	<b>SAP Business Warehouse Implementation</b>							
	1800 - Equipment Acquisition Consolidated Fund	325	200				525	
	<b>Project Total</b>	325	200				525	
<b>X-680015</b>	<b>Network Refresh</b>							
	1800 - Equipment Acquisition Consolidated Fund	2,500	988	2,693			6,181	
	<b>Project Total</b>	2,500	988	2,693			6,181	
<b>X-680016</b>	<b>Sharepoint (Citypointe) Infrastructure</b>							
	1800 - Equipment Acquisition Consolidated Fund	83					83	
	<b>Project Total</b>	83					83	
<b>X-680017</b>	<b>SAP Training Tools</b>							
	1800 - Equipment Acquisition Consolidated Fund		750	750			1,500	
	<b>Project Total</b>		750	750			1,500	

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>X-680023</b>	<b>Network Security Tools</b>							
	1800 - Equipment Acquisition Consolidated Fund	50	50	50	50			200
	<b>Project Total</b>	50	50	50	50			200
<b>X-680024</b>	<b>Citizen Engagement Software</b>							
	1800 - Equipment Acquisition Consolidated Fund	61			106			167
	<b>Project Total</b>	61			106			167
<b>X-680026</b>	<b>SAP Tools Optimization</b>							
	1800 - Equipment Acquisition Consolidated Fund			400				400
	<b>Project Total</b>			400				400
<b>X-680027</b>	<b>Wireless Networking Project</b>							
	1800 - Equipment Acquisition Consolidated Fund	75						75
	<b>Project Total</b>	75						75
<b>X-680032</b>	<b>Network Equipment Spares</b>							
	1800 - Equipment Acquisition Consolidated Fund	40	40	40	40	40		200
	<b>Project Total</b>	40	40	40	40	40		200
<b>X-680035</b>	<b>Application Development</b>							
	1800 - Equipment Acquisition Consolidated Fund				222			222
	<b>Project Total</b>				222			222
<b>X-680036</b>	<b>Desktop OS Upgrade</b>							
	1800 - Equipment Acquisition Consolidated Fund				536	268		804
	<b>Project Total</b>				536	268		804
<b>X-680037</b>	<b>EAS EGIS Infrastructure Refresh Phase II</b>							
	1800 - Equipment Acquisition Consolidated Fund			268	268			536
	<b>Project Total</b>			268	268			536

**INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>X-680038</b>	<b>IT Help Desk Software Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund			107	107			214
	<b>Project Total</b>			107	107			214
<b>X-680039</b>	<b>Legacy Application Redesign</b>							
	1800 - Equipment Acquisition Consolidated Fund			300	120			420
	<b>Project Total</b>			300	120			420
<b>X-680040</b>	<b>Master Data Management</b>							
	1800 - Equipment Acquisition Consolidated Fund			259	259			518
	<b>Project Total</b>			259	259			518
<b>X-680041</b>	<b>SAP Open Enrollment Server Storage</b>							
	1800 - Equipment Acquisition Consolidated Fund			268	134			402
	<b>Project Total</b>			268	134			402
<b>X-680042</b>	<b>SAP System to Monitor Interfaces</b>							
	1800 - Equipment Acquisition Consolidated Fund				375	321		696
	<b>Project Total</b>				375	321		696
<b>X-800003</b>	<b>HR - SAP Grievance Tracking &amp; Filing</b>							
	1800 - Equipment Acquisition Consolidated Fund			50				50
	<b>Project Total</b>			50				50
<b>X-800007</b>	<b>HR - Benefits Interactive Platform</b>							
	1800 - Equipment Acquisition Consolidated Fund		200					200
	<b>Project Total</b>		200					200
<b>X-800009</b>	<b>HR - SAP Death Benefit Form Automation</b>							
	1800 - Equipment Acquisition Consolidated Fund				75			75
	<b>Project Total</b>				75			75
	<b>Total Appropriations:</b>		13,086	4,198	6,160	9,724	3,076	36,244

**INFORMATION TECHNOLOGY IMPROVEMENTS - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-68ADSP</b>	<b>HITS - Admin Support / Operations</b>						
	1800 - Equipment Acquisition Consolidated Fund	46					46
	<b>Project Total</b>	46					46
<b>Total Appropriations:</b>		<b>46</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>46</b>



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# **LIBRARY FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land		654				654
Design	75	974	94	459	359	1,960
Construction	951	784	8,079	3,150	1,855	14,818
Equipment Acquisition			300			300
Salary Recovery	401	421	356	402	362	1,941
Other		14	125			139
<b>Total Allocation</b>	<b>1,426</b>	<b>2,847</b>	<b>8,954</b>	<b>4,011</b>	<b>2,575</b>	<b>19,812</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund			300	187	1,050	1,537
4507 - Public Library Consolidated Constr Fund	1,426	2,847				4,273
Future Bond Election			8,654	3,824	1,525	14,002
<b>Total Funds</b>	<b>1,426</b>	<b>2,847</b>	<b>8,954</b>	<b>4,011</b>	<b>2,575</b>	<b>19,812</b>

**LIBRARY FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>E-000098</b>	<b>Moody Neighborhood Library - Replacement</b>						
	1800 - Equipment Acquisition Consolidated Fund			300			300
	4507 - Public Library Consolidated Constr Fund		1,510				1,510
	Future Bond Election			7,749			7,749
	<b>Project Total</b>		1,510	8,049			9,559
<b>E-000163</b>	<b>Environmental Remediation</b>						
	4507 - Public Library Consolidated Constr Fund	25	50				75
	Future Bond Election			50	50	50	150
	<b>Project Total</b>	25	50	50	50	50	225
<b>E-000172</b>	<b>Flores Roof &amp; Exterior Rehabilitation</b>						
	4507 - Public Library Consolidated Constr Fund		439				439
	<b>Project Total</b>		439				439
<b>E-000173</b>	<b>Mancuso Roof &amp; Exterior Rehabilitation</b>						
	4507 - Public Library Consolidated Constr Fund		427				427
	<b>Project Total</b>		427				427
<b>E-000174</b>	<b>Blue Ridge Roof &amp; Exterior Rehab</b>						
	Future Bond Election				525		525
	<b>Project Total</b>				525		525
<b>E-000182</b>	<b>Walter Roof &amp; Exterior Rehabilitation</b>						
	Future Bond Election			499			499
	<b>Project Total</b>			499			499
<b>E-000197</b>	<b>Central Library Plaza-Improvements</b>						
	4507 - Public Library Consolidated Constr Fund	551					551
	<b>Project Total</b>	551					551

**LIBRARY FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>E-000210</b>	<b>Ring Roof &amp; Exterior Rehabilitation</b>							
	Future Bond Election					558		558
	<b>Project Total</b>					558		558
<b>E-000211</b>	<b>Kashmere Roof &amp; Exterior Rehabilitation</b>							
	Future Bond Election					555		555
	<b>Project Total</b>					555		555
<b>E-000212</b>	<b>Park Place Roof &amp; Exterior Rehabilitatio</b>							
	4507 - Public Library Consolidated Constr Fund	450						450
	<b>Project Total</b>	450						450
<b>E-000213</b>	<b>Heights Roof &amp; Exterior Rehabilitation</b>							
	Future Bond Election				1,772			1,772
	<b>Project Total</b>				1,772			1,772
<b>E-000224</b>	<b>Johnson Roof &amp; Exterior Rehabilitation</b>							
	Future Bond Election				550			550
	<b>Project Total</b>				550			550
<b>E-000225</b>	<b>Smith Roof &amp; Exterior Rehabilitation</b>							
	Future Bond Election				525			525
	<b>Project Total</b>				525			525
<b>E-000230</b>	<b>Mancuso HVAC Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund					333		333
	<b>Project Total</b>					333		333
<b>E-000231</b>	<b>Melcher HVAC Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund					322		322
	<b>Project Total</b>					322		322

**LIBRARY FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>E-000232</b>	<b>Jones HVAC Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund				187			187
	<b>Project Total</b>				187			187
<b>E-000233</b>	<b>JIB Archival HVAC Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund					95		95
	<b>Project Total</b>					95		95
<b>E-000234</b>	<b>Scenic Woods HVAC Upgrades</b>							
	1800 - Equipment Acquisition Consolidated Fund					300		300
	<b>Project Total</b>					300		300
<b>E-000SAL</b>	<b>Salary Recovery</b>							
	4507 - Public Library Consolidated Constr Fund	401	421					821
	Future Bond Election			356	402	362		1,119
	<b>Project Total</b>	401	421	356	402	362		1,941
	<b>Total Appropriations:</b>	1,426	2,847	8,954	4,011	2,575		19,812

**LIBRARY - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-34WHDB</b>	<b>HPL - Warehouse and Distribution</b>						
	1800 - Equipment Acquisition Consolidated Fund		21				21
	<b>Project Total</b>		21				21
<b>General Government</b>							
<b>D-000180</b>	<b>Alief MSC, Community Center and Library</b>						
	4507 - Public Library Consolidated Constr Fund		1,790				1,790
	Future Bond Election			17,210			17,210
	<b>Project Total</b>		1,790	17,210			19,000
<b>Information Technology</b>							
<b>X-340010</b>	<b>HPL - RFID Sorter/Installation</b>						
	1800 - Equipment Acquisition Consolidated Fund		384				384
	<b>Project Total</b>		384				384
<b>X-340013</b>	<b>HPL - Self Service Public Scanning</b>						
	1800 - Equipment Acquisition Consolidated Fund				313		313
	<b>Project Total</b>				313		313
<b>X-340014</b>	<b>HPL - 24 Hour Library Units</b>						
	1800 - Equipment Acquisition Consolidated Fund					417	417
	<b>Project Total</b>					417	417
	<b>Total Appropriations:</b>		<b>2,195</b>	<b>17,210</b>	<b>-</b>	<b>313</b>	<b>20,135</b>

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

# **PARKS & RECREATION FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	3,482	2,282	1,371	592	357	8,083
Construction	32,231	33,679	12,840	3,831	5,496	88,078
Equipment Acquisition						
Salary Recovery	1,137	1,119	1,141	1,129	1,121	5,647
Other	42	51	36	9	10	147
<b>Total Allocation</b>	<b>36,892</b>	<b>37,131</b>	<b>15,387</b>	<b>5,562</b>	<b>6,983</b>	<b>101,955</b>
<b>Source of Funds</b>						
1850 - Reimbursement of Equipment/Projects Fund	100					100
4035 - Parks & Recreation Dedication Fund	100	100	100	100	100	500
4502 - Parks Consolidated Construction Fund	14,750	8,354	5,837	5,462	2,163	36,566
4515 - Contributed Capital Project Fund	15					15
Fnds Of Lee LeClear		376	5,000			5,376
Future Bond Election					2,317	2,317
Grants	830	1,000	1,000		2,403	5,233
HPB Fundraising	1,836					1,836
Private Funding	18,261	27,301	3,450			49,012
TIRZ	1,000					1,000
<b>Total Funds</b>	<b>36,892</b>	<b>37,131</b>	<b>15,387</b>	<b>5,562</b>	<b>6,983</b>	<b>101,955</b>

**PARKS AND RECREATION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>F-000509</b>	<b>Environmental Projects</b>						
	4502 - Parks Consolidated Construction Fund	303	250	250	250		1,053
	Future Bond Election					325	325
	<b>Project Total</b>	303	250	250	250	325	1,378
<b>F-000703</b>	<b>Swimming Pool Upgrades</b>						
	4502 - Parks Consolidated Construction Fund	508	533	560	588		2,188
	Future Bond Election					617	617
	<b>Project Total</b>	508	533	560	588	617	2,805
<b>F-000705</b>	<b>Squatty Lyons</b>						
	4502 - Parks Consolidated Construction Fund	270	1,500				1,770
	Grants		1,000				1,000
	<b>Project Total</b>	270	2,500				2,770
<b>F-000706</b>	<b>Busby Park Redevelopment</b>						
	4502 - Parks Consolidated Construction Fund	800					800
	Grants	830					830
	<b>Project Total</b>	1,630					1,630
<b>F-000708</b>	<b>Playground Replacements</b>						
	4035 - Parks & Recreation Dedication Fund	100	100	100	100	100	500
	4502 - Parks Consolidated Construction Fund	80	838	582			1,500
	<b>Project Total</b>	180	938	682	100	100	2,000
<b>F-000710</b>	<b>Parks Facilities Roof Replacements</b>						
	4502 - Parks Consolidated Construction Fund	435	70	211	288		1,004
	<b>Project Total</b>	435	70	211	288		1,004

**PARKS AND RECREATION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>F-000781</b>	<b>Facility Condition Assessment</b>						
	4502 - Parks Consolidated Construction Fund	539					539
	<b>Project Total</b>	539					539
<b>F-000782</b>	<b>International District Trail Development</b>						
	4502 - Parks Consolidated Construction Fund		238			162	400
	Grants					2,403	2,403
	Private Funding		201				201
	<b>Project Total</b>		439			2,565	3,004
<b>F-000783</b>	<b>Sharpstown Pool Replacement and Bldg Imp</b>						
	4502 - Parks Consolidated Construction Fund	1,196					1,196
	TIRZ	1,000					1,000
	<b>Project Total</b>	2,196					2,196
<b>F-000784</b>	<b>Lee LeClear Tennis Center Improvement</b>						
	4502 - Parks Consolidated Construction Fund	204					204
	FrdS Of Lee LeClear		376	5,000			5,376
	<b>Project Total</b>	204	376	5,000			5,580
<b>F-000785</b>	<b>Edgewood Park Community Center</b>						
	4502 - Parks Consolidated Construction Fund	45	956				1,001
	<b>Project Total</b>	45	956				1,001
<b>F-000788</b>	<b>Hermann Park (Conservancy)</b>						
	4502 - Parks Consolidated Construction Fund	1,000	1,100				2,100
	Private Funding	1,050	15,100	3,450			19,600
	<b>Project Total</b>	2,050	16,200	3,450			21,700

**PARKS AND RECREATION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>F-000803</b>	<b>Burnett Bayland Skatepark</b>						
	1850 - Reimbursement of Equipment/Projects Fund	100					100
	4502 - Parks Consolidated Construction Fund	347					347
	4515 - Contributed Capital Project Fund	15					15
	<b>Project Total</b>	<b>462</b>					<b>462</b>
<b>F-000806</b>	<b>Glenshire Park Parking Lot</b>						
	4502 - Parks Consolidated Construction Fund	565					565
	<b>Project Total</b>	<b>565</b>					<b>565</b>
<b>F-000811</b>	<b>Memorial Park - Houston Arboretum M.P.</b>						
	Private Funding	17,000	12,000				29,000
	<b>Project Total</b>	<b>17,000</b>	<b>12,000</b>				<b>29,000</b>
<b>F-000812</b>	<b>Pleasantville Ball Field Lighting</b>						
	4502 - Parks Consolidated Construction Fund	815					815
	<b>Project Total</b>	<b>815</b>					<b>815</b>
<b>F-000813</b>	<b>Sagemont Pool Parking Lot Lighting</b>						
	Private Funding	211					211
	<b>Project Total</b>	<b>211</b>					<b>211</b>
<b>F-000817</b>	<b>Houston Amateur Sports Park (HASP)</b>						
	4502 - Parks Consolidated Construction Fund	4,036					4,036
	HPB Fundraising	1,836					1,836
	<b>Project Total</b>	<b>5,872</b>					<b>5,872</b>
<b>F-000832</b>	<b>Fuel Tank Replacement - Memorial</b>						
	4502 - Parks Consolidated Construction Fund			288			288
	<b>Project Total</b>			<b>288</b>			<b>288</b>

**PARKS AND RECREATION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>F-000833</b>	<b>Fuel Tank Replacement - Alameda</b>						
	4502 - Parks Consolidated Construction Fund	288					288
	<b>Project Total</b>	288					288
<b>F-000834</b>	<b>Fuel Tank Replacement - Capital</b>						
	4502 - Parks Consolidated Construction Fund			288			288
	<b>Project Total</b>			288			288
<b>F-000835</b>	<b>Fuel Tank Replacement - MLK</b>						
	4502 - Parks Consolidated Construction Fund				152		152
	<b>Project Total</b>				152		152
<b>F-000838</b>	<b>Fuel Tank Replacement - Wallisville</b>						
	4502 - Parks Consolidated Construction Fund			288			288
	<b>Project Total</b>			288			288
<b>F-000844</b>	<b>Marian Park Sprayground Repairs</b>						
	4502 - Parks Consolidated Construction Fund				216		216
	<b>Project Total</b>				216		216
<b>F-000845</b>	<b>Splashpad Renovations</b>						
	4502 - Parks Consolidated Construction Fund			257	257		514
	<b>Project Total</b>			257	257		514
<b>F-000846</b>	<b>Ball Field Lighting Upgrade</b>						
	4502 - Parks Consolidated Construction Fund	60	350	70	375		855
	<b>Project Total</b>	60	350	70	375		855
<b>F-000847</b>	<b>Tranquillity Park Fountain Repairs</b>						
	4502 - Parks Consolidated Construction Fund	735					735
	<b>Project Total</b>	735					735

**PARKS AND RECREATION FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>F-000848</b>	<b>Friendship Pavilion</b>							
	4502 - Parks Consolidated Construction Fund			150	643			793
	<b>Project Total</b>			150	643			793
<b>F-000849</b>	<b>Restroom Building Upgrades</b>							
	4502 - Parks Consolidated Construction Fund	90	300	100	350			840
	<b>Project Total</b>	90	300	100	350			840
<b>F-000850</b>	<b>Sagemont Park CC Gym Floor</b>							
	Future Bond Election					275		275
	<b>Project Total</b>					275		275
<b>F-000851</b>	<b>Ingrando Park Parking Lot</b>							
	4502 - Parks Consolidated Construction Fund				114	880		994
	<b>Project Total</b>				114	880		994
<b>F-000852</b>	<b>Houston Bike Plan Implementation</b>							
	4502 - Parks Consolidated Construction Fund	1,100	1,100	1,100	1,100			4,400
	Future Bond Election					1,100		1,100
	<b>Project Total</b>	1,100	1,100	1,100	1,100	1,100		5,500
<b>F-000853</b>	<b>Brock Adventure Park (BAP)</b>							
	4502 - Parks Consolidated Construction Fund	198		552				750
	Grants			1,000				1,000
	<b>Project Total</b>	198		1,552				1,750
<b>F-000SAL</b>	<b>Salary Recovery</b>							
	4502 - Parks Consolidated Construction Fund	1,137	1,119	1,141	1,129	1,121		5,647
	<b>Project Total</b>	1,137	1,119	1,141	1,129	1,121		5,647
	<b>Total Appropriations:</b>	36,892	37,131	15,387	5,562	6,983		101,955

**PARKS - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>General Government</b>							
D-000180	<b>Alief MSC, Community Center and Library</b>						
	4502 - Parks Consolidated Construction Fund	1,790					1,790
	Future Bond Election		17,210				17,210
	<b>Project Total</b>	1,790	17,210				19,000
<b>Fleet</b>							
W-36FMUP	<b>PRD - Facility Maintenance / Urban Park</b>						
	1800 - Equipment Acquisition Consolidated Fund	286					286
	<b>Project Total</b>	286					286
<b>Fleet</b>							
W-36GMUF	<b>PRD - Ground Maintenance/Urban Forestry</b>						
	1800 - Equipment Acquisition Consolidated Fund	194					194
	<b>Project Total</b>	194					194
<b>Fleet</b>							
W-36GTOP	<b>PRD - Golf &amp; Tennis Operations</b>						
	2104 - Parks Golf Special	273	199	129	164	260	1,024
	<b>Project Total</b>	273	199	129	164	260	1,024
<b>Fleet</b>							
W-36RCWL	<b>PRD - Recreation &amp; Wellness</b>						
	2104 - Parks Golf Special	30					30
	<b>Project Total</b>	30					30
<b>Total Appropriations:</b>		<b>2,573</b>	<b>17,409</b>	<b>129</b>	<b>164</b>	<b>260</b>	<b>20,534</b>



# **POLICE FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	86		1,397	20		1,503
Construction	15,932	1,200	2,923	13,486	7,933	41,473
Equipment Acquisition	1,165	616	458	557	1,699	4,494
Salary Recovery	371	324	406	356	306	1,763
Other			33	209	118	360
<b>Total Allocation</b>	<b>17,553</b>	<b>2,139</b>	<b>5,218</b>	<b>14,627</b>	<b>10,056</b>	<b>49,594</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	1,870	596	438	757	1,679	5,339
4504 - Police Consolidated Construction Fund	6,468	1,524	3,412	1,698	6,857	19,959
Grants	20	20	20	20	20	100
Harris County Funds	9,196					9,196
TIRZ			1,347	12,153	1,500	15,000
<b>Total Funds</b>	<b>17,553</b>	<b>2,139</b>	<b>5,218</b>	<b>14,627</b>	<b>10,056</b>	<b>49,594</b>

**POLICE FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>G-000037</b>	<b>City-County Prisoner Processing Facility</b>						
	4504 - Police Consolidated Construction Fund	3,941					3,941
	Harris County Funds	9,196					9,196
	<b>Project Total</b>	13,137					13,137
<b>G-000143</b>	<b>Facility Conditions Assessment Items 1&amp;2</b>						
	4504 - Police Consolidated Construction Fund	1,000	1,000	1,000	1,000	1,000	5,000
	<b>Project Total</b>	1,000	1,000	1,000	1,000	1,000	5,000
<b>G-000144</b>	<b>Environmental Remediation</b>						
	4504 - Police Consolidated Construction Fund	200	200	211	200	200	1,011
	<b>Project Total</b>	200	200	211	200	200	1,011
<b>G-000151</b>	<b>Emergency Generator Replacement and Adds</b>						
	1800 - Equipment Acquisition Consolidated Fund	725					725
	<b>Project Total</b>	725					725
<b>G-000154</b>	<b>Expired Body Armor Replacement</b>						
	1800 - Equipment Acquisition Consolidated Fund	1,145	596	438	537	1,679	4,394
	Grants	20	20	20	20	20	100
	<b>Project Total</b>	1,165	616	458	557	1,699	4,494
<b>G-000157</b>	<b>New Ammunition Storage Facility</b>						
	4504 - Police Consolidated Construction Fund			428			428
	<b>Project Total</b>			428			428
<b>G-000158</b>	<b>Air Support - ADA &amp; MEP Renovation</b>						
	4504 - Police Consolidated Construction Fund			596			596
	<b>Project Total</b>			596			596

**POLICE FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>G-000159</b>	<b>Fuel Tank Replacement - Beechnut</b>							
	4504 - Police Consolidated Construction Fund			211				211
	<b>Project Total</b>			211				211
<b>G-000160</b>	<b>Fuel Tank Replacement - Mykawa</b>							
	4504 - Police Consolidated Construction Fund			560				560
	<b>Project Total</b>			560				560
<b>G-000161</b>	<b>Fuel Tank Replacement - Shorewood</b>							
	4504 - Police Consolidated Construction Fund				142			142
	<b>Project Total</b>				142			142
<b>G-000163</b>	<b>Indoor Pistol Range Bullet Trap Replacem</b>							
	1800 - Equipment Acquisition Consolidated Fund				220			220
	<b>Project Total</b>				220			220
<b>G-000164</b>	<b>Westside Fleet Building Roof Replacement</b>							
	4504 - Police Consolidated Construction Fund	956						956
	<b>Project Total</b>	956						956
<b>G-000165</b>	<b>New Greenspoint Police Station</b>							
	4504 - Police Consolidated Construction Fund					5,351		5,351
	TIRZ			1,347	12,153	1,500		15,000
	<b>Project Total</b>			1,347	12,153	6,851		20,351
<b>G-000SAL</b>	<b>Salary Recovery</b>							
	4504 - Police Consolidated Construction Fund	371	324	406	356	306		1,763
	<b>Project Total</b>	371	324	406	356	306		1,763
	<b>Total Appropriations:</b>	17,553	2,139	5,218	14,627	10,056		49,594

**POLICE - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-10ERES</b>	<b>HPD - Emergency Response Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	9,040	9,040	9,040	9,040	9,040	45,200
	<b>Project Total</b>	9,040	9,040	9,040	9,040	9,040	45,200
<b>W-10INVG</b>	<b>HPD - Investigative Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	474	474	474	474	474	2,370
	<b>Project Total</b>	474	474	474	474	474	2,370
<b>Information Technology</b>							
<b>X-100005</b>	<b>HPD - Disaster Network Redundancies</b>						
	1800 - Equipment Acquisition Consolidated Fund	200			998		1,198
	<b>Project Total</b>	200			998		1,198
<b>X-100007</b>	<b>HPD - Operational Systems Refresh</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	300	300	300	300	1,500
	<b>Project Total</b>	300	300	300	300	300	1,500
<b>X-100013</b>	<b>HPD - Smartphone App For Citizens</b>						
	1800 - Equipment Acquisition Consolidated Fund			107			107
	<b>Project Total</b>			107			107
<b>X-100014</b>	<b>HPD - Smartphone App Internal</b>						
	1800 - Equipment Acquisition Consolidated Fund			268			268
	<b>Project Total</b>			268			268
<b>X-100017</b>	<b>HPD - Video Operational Growth</b>						
	1800 - Equipment Acquisition Consolidated Fund				333		333
	<b>Project Total</b>				333		333
<b>X-100023</b>	<b>HPD - IT Equipment</b>						
	1800 - Equipment Acquisition Consolidated Fund				1,951		1,951
	<b>Project Total</b>				1,951		1,951
<b>X-100024</b>	<b>HPD - Portable Radios - Disaster Support</b>						
	1800 - Equipment Acquisition Consolidated Fund	600					600
	<b>Project Total</b>	600					600

**POLICE - Department Related Projects**  
**2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
X-100025	<b>HPD - Body Cameras</b>						
	1800 - Equipment Acquisition Consolidated Fund	539					539
	<b>Project Total</b>	539					539
X-100027	<b>HPD - In-Car Video Cams and Storage</b>						
	1800 - Equipment Acquisition Consolidated Fund	800	400				1,200
	Asset Forfeiture	900					900
	<b>Project Total</b>	1,700	400				2,100
X-100028	<b>HPD - City-County Software Interfaces</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	300				600
	<b>Project Total</b>	300	300				600
X-100029	<b>HPD - Air Support Inventory Control Sys</b>						
	1800 - Equipment Acquisition Consolidated Fund				111		111
	<b>Project Total</b>				111		111
X-100030	<b>HPD - Data Center Replacements</b>						
	1800 - Equipment Acquisition Consolidated Fund				252		252
	<b>Project Total</b>				252		252
X-100031	<b>HPD - Command Center Video Wall</b>						
	1800 - Equipment Acquisition Consolidated Fund				55		55
	<b>Project Total</b>				55		55
X-100035	<b>HPD - Crime Analysis Integrated System</b>						
	1800 - Equipment Acquisition Consolidated Fund	300	585				885
	<b>Project Total</b>	300	585				885
<b>Total Appropriations:</b>		<b>13,453</b>	<b>11,099</b>	<b>10,189</b>	<b>13,514</b>	<b>9,814</b>	<b>58,069</b>

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

# **SOLID WASTE MANAGEMENT FACILITIES**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	15	851	51	44		961
Construction	1,507	1,461	10,181	642	859	14,650
Equipment Acquisition	100			90		190
Salary Recovery	212	271	265	280	233	1,261
Other		15	158			173
<b>Total Allocation</b>	<b>1,834</b>	<b>2,598</b>	<b>10,655</b>	<b>1,056</b>	<b>1,092</b>	<b>17,234</b>
<b>Source of Funds</b>						
1800 - Equipment Acquisition Consolidated Fund	100			90		190
4503 - Solid Waste Consolidated Construction Fd	1,734	1,772				3,506
Future Bond Election		826	10,655	966	1,092	13,538
<b>Total Funds</b>	<b>1,834</b>	<b>2,598</b>	<b>10,655</b>	<b>1,056</b>	<b>1,092</b>	<b>17,234</b>

**SOLID WASTE FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>L-000029</b>	<b>Remediation and Tank Replacement-NW SC</b>						
	Future Bond Election			560			560
	<b>Project Total</b>			560			560
<b>L-000052</b>	<b>Environmental Services</b>						
	4503 - Solid Waste Consolidated Construction Fd	100	100				200
	Future Bond Election			100	100	100	300
	<b>Project Total</b>	100	100	100	100	100	500
<b>L-000078</b>	<b>New Multi-Use SWD Facility</b>						
	Future Bond Election		826	9,158			9,984
	<b>Project Total</b>		826	9,158			9,984
<b>L-000080</b>	<b>11500 South Post Oak Fuel Site</b>						
	4503 - Solid Waste Consolidated Construction Fd	913					913
	<b>Project Total</b>	913					913
<b>L-000086</b>	<b>Concrete &amp; Pavement Repairs</b>						
	4503 - Solid Waste Consolidated Construction Fd	59	61				120
	Future Bond Election			61	61	61	183
	<b>Project Total</b>	59	61	61	61	61	303
<b>L-000095</b>	<b>Security Upgrades-Ellington Recycle Cntr</b>						
	4503 - Solid Waste Consolidated Construction Fd	150					150
	<b>Project Total</b>	150					150
<b>L-000099</b>	<b>Bioremediation Equipment</b>						
	1800 - Equipment Acquisition Consolidated Fund	100					100
	<b>Project Total</b>	100					100

**SOLID WASTE FACILITIES - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>L-000100</b>	<b>Holmes Road Incinerator Remediation</b>							
	4503 - Solid Waste Consolidated Construction Fd	300	1,300					1,600
	<b>Project Total</b>	300	1,300					1,600
<b>L-000102</b>	<b>Oil Storage Tank Containments</b>							
	Future Bond Election				177			177
	<b>Project Total</b>				177			177
<b>L-000103</b>	<b>Roll-off Covers for Dumpsters</b>							
	1800 - Equipment Acquisition Consolidated Fund				90			90
	<b>Project Total</b>				90			90
<b>L-000104</b>	<b>Occupancy Code Compliance</b>							
	Future Bond Election			311	104	104		519
	<b>Project Total</b>			311	104	104		519
<b>L-000105</b>	<b>Locker Room Upgrades - Svc Centers</b>							
	4503 - Solid Waste Consolidated Construction Fd		40					40
	Future Bond Election			200	200	40		440
	<b>Project Total</b>		40	200	200	40		480
<b>L-000106</b>	<b>Public Parking Addition-9003 N. Main</b>							
	Future Bond Election				44	554		598
	<b>Project Total</b>				44	554		598
<b>L-000SAL</b>	<b>Salary Recovery</b>							
	4503 - Solid Waste Consolidated Construction Fd	212	271					483
	Future Bond Election			265	280	233		778
	<b>Project Total</b>	212	271	265	280	233		1,261
	<b>Total Appropriations:</b>	1,834	2,598	10,655	1,056	1,092		17,234

**SOLID WASTE - Department Related Projects  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital improvement Plan

Section CIP No.	Project	Fiscal Year Planned Appropriations					2017 -2021
		2017	2018	2019	2020	2021	
<b>Fleet</b>							
<b>W-21ATSH</b>	<b>SWD - Automated Trash Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	6,096	3,120	3,120	3,120	3,120	18,576
	<b>Project Total</b>	6,096	3,120	3,120	3,120	3,120	18,576
<b>W-21BULK</b>	<b>SWD - Bulk Waste / Heavy Trash Vehicles</b>						
	1800 - Equipment Acquisition Consolidated Fund	1397					1,397
	<b>Project Total</b>	1397					1,397
<b>W-21NDES</b>	<b>SWD - Neighborhood Depositories</b>						
	1800 - Equipment Acquisition Consolidated Fund	260	260	260	260	260	1,300
	<b>Project Total</b>	260	260	260	260	260	1,300
<b>Information Technology</b>							
<b>X-210001</b>	<b>SWD - Vehicle Tracking &amp; Performance Sys</b>						
	1800 - Equipment Acquisition Consolidated Fund	1,058					1,058
	<b>Project Total</b>	1,058					1,058
	<b>Total Appropriations:</b>	<b>8,811</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>22,331</b>



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# **STORM DRAINAGE SYSTEM**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land	435	3,111		337		3,882
Design	17,331	15,685	6,073	6,655	6,739	52,484
Construction	50,703	42,903	107,163	86,736	96,784	384,290
Equipment Acquisition						
Salary Recovery						
Other	1,018	1,037	1,587	1,619	1,652	6,913
<b>Total Allocation</b>	<b>69,487</b>	<b>62,736</b>	<b>114,824</b>	<b>95,347</b>	<b>105,175</b>	<b>447,569</b>
<b>Source of Funds</b>						
4042 - Street & Trfc Control & Strm Drain DDSRF	69,487	62,736	114,824	95,347	105,175	447,569
8500 - PWE-W&S Syst Consolidated Constr Fd						
<b>Total Funds</b>	<b>69,487</b>	<b>62,736</b>	<b>114,824</b>	<b>95,347</b>	<b>105,175</b>	<b>447,569</b>

**STORM DRAINAGE SYSTEM - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>M-000247</b>	<b>Nottingham &amp; Yorkshire Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		19,319				19,319
	8500 - PWE-W&S Syst Consolidated Constr Fd		2,122				2,122
	<b>Project Total</b>		21,441				21,441
<b>M-000284</b>	<b>Airline Dr. Drainage and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF			19,147			19,147
	<b>Project Total</b>			19,147			19,147
<b>M-000288</b>	<b>Easthaven Blvd(Bryant to Ledge) Drainage</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		5,873				5,873
	<b>Project Total</b>		5,873				5,873
<b>M-000291</b>	<b>Sagemont Drainage and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	4,789					4,789
	<b>Project Total</b>	4,789					4,789
<b>M-000293</b>	<b>Binglewood, Inwood Forest, &amp; Oak Forest</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	10,864					10,864
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,611					1,611
	<b>Project Total</b>	12,476					12,476
<b>M-000294</b>	<b>Cullen Drainage and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		10,851				10,851
	8500 - PWE-W&S Syst Consolidated Constr Fd		1,338				1,338
	<b>Project Total</b>		12,189				12,189
<b>M-000295</b>	<b>Scott Street Drainage and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF			9,227			9,227
	8500 - PWE-W&S Syst Consolidated Constr Fd			844			844
	<b>Project Total</b>			10,071			10,071

**STORM DRAINAGE SYSTEM - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>M-000700</b>	<b>Kress Street Area Paving and Drainage</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	3,054					3,054
	<b>Project Total</b>	3,054					3,054
<b>M-001010</b>	<b>Wycliffe Drive (Chatterton to Melronome)</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	11,655					11,655
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,047					2,047
	<b>Project Total</b>	13,702					13,702
<b>M-410001</b>	<b>Woodshire Area Drainage and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	11,481		10,000			21,481
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,529		1,589			3,118
	<b>Project Total</b>	13,010		11,589			24,599
<b>M-410002</b>	<b>Potomac &amp; Nantucket Area Drng and Paving</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF			10,283			10,283
	<b>Project Total</b>			10,283			10,283
<b>M-410003</b>	<b>Roosevelt, Edel Plaza, Little York Acres</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,245				3,245
	<b>Project Total</b>		3,245				3,245
<b>M-410004</b>	<b>Little York, Courlandt Mdws, York Mdws</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		7,645				7,645
	<b>Project Total</b>		7,645				7,645
<b>M-410005</b>	<b>Spring Shadows (North)</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		13,620				13,620
	<b>Project Total</b>		13,620				13,620

**STORM DRAINAGE SYSTEM - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>M-410006</b>	<b>Arlington Heights Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	6,006	10,429			9,712	26,147	
	8500 - PWE-W&S Syst Consolidated Constr Fd		3,170				3,170	
	<b>Project Total</b>	6,006	13,599			9,712	29,317	
<b>M-410007</b>	<b>Gulf Terrace Sec 1, Acre Homes Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	910	1,659	5,955			8,525	
	<b>Project Total</b>	910	1,659	5,955			8,525	
<b>M-410008</b>	<b>Freeway Manor: South of Edgebrook Dr.</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	816		6,171			6,988	
	<b>Project Total</b>	816		6,171			6,988	
<b>M-410009</b>	<b>Briar Meadow Subdivision Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			8,335			8,335	
	<b>Project Total</b>			8,335			8,335	
<b>M-410010</b>	<b>Freeway Manor: North of Edgebrook</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,051	3,318	8,020			12,389	
	<b>Project Total</b>	1,051	3,318	8,020			12,389	
<b>M-410013</b>	<b>Melrose Park Sec 2 Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	509		3,740			4,249	
	<b>Project Total</b>	509		3,740			4,249	
<b>M-410014</b>	<b>Wynnewood Acres Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,142			4,142	
	<b>Project Total</b>			4,142			4,142	
<b>M-410015</b>	<b>Magnolia Park Sec 2 Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			13,880			13,880	
	<b>Project Total</b>			13,880			13,880	

**STORM DRAINAGE SYSTEM - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>M-410016</b>	<b>Westridge and Braes Terrace Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	953			6,545		7,498
	<b>Project Total</b>	953			6,545		7,498
<b>M-410017</b>	<b>Garden Oaks and Shepherd Park (West)</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				16,860		16,860
	<b>Project Total</b>				16,860		16,860
<b>M-410019</b>	<b>Sharpstown Area 2</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,258			19,734	22,993
	<b>Project Total</b>		3,258			19,734	22,993
<b>M-410021</b>	<b>Pinewood Village Area 2</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				8,098		8,098
	<b>Project Total</b>				8,098		8,098
<b>M-410022</b>	<b>Garden Oaks and Shepherd Park (East)</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				17,724		17,724
	<b>Project Total</b>				17,724		17,724
<b>M-410023</b>	<b>Richmond Plaza Area 2</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				9,259		9,259
	<b>Project Total</b>				9,259		9,259
<b>M-410024</b>	<b>Southland Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,682			16,064		18,747
	<b>Project Total</b>	2,682			16,064		18,747
<b>M-410025</b>	<b>Inwood Forest Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,552		337	7,746	10,634
	<b>Project Total</b>		2,552		337	7,746	10,634

**STORM DRAINAGE SYSTEM - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>M-410027</b>	<b>Richmond Plaza 1 (North)</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,120			3,171	4,291	
	<b>Project Total</b>		1,120			3,171	4,291	
<b>M-410028</b>	<b>Westbury Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,388			3,990		5,378	
	<b>Project Total</b>	1,388			3,990		5,378	
<b>M-410029</b>	<b>Chateau Forest Area 1</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,762			6,467	9,229	
	<b>Project Total</b>		2,762			6,467	9,229	
<b>M-410290</b>	<b>Gillette Trunk-line Improvements</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	18,807					18,807	
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,825					1,825	
	<b>Project Total</b>	20,631					20,631	
<b>M-420126</b>	<b>Local Drainage Program (LDP)</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	5,090	5,185	5,290	5,395	5,505	26,465	
	<b>Project Total</b>	5,090	5,185	5,290	5,395	5,505	26,465	
<b>M-430004</b>	<b>Rehab of City Owned Drainage Channels</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,551	1,580	1,612	1,645	1,678	8,067	
	<b>Project Total</b>	1,551	1,580	1,612	1,645	1,678	8,067	
<b>M-430005</b>	<b>Roadside Drainage Improvements</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	509	519	529	540	551	2,647	
	<b>Project Total</b>	509	519	529	540	551	2,647	
<b>M-430100</b>	<b>Pre-Engineering for Storm Water Drainage</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,000	2,000	2,000	2,500	2,500	11,000	
	<b>Project Total</b>	2,000	2,000	2,000	2,500	2,500	11,000	

**STORM DRAINAGE SYSTEM - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>M-430220</b>	<b>Storm Water Engineering Program Support</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,654	1,556	1,587	1,619	1,652	8,068	
	<b>Project Total</b>	1,654	1,556	1,587	1,619	1,652	8,068	
<b>M-430241</b>	<b>Stormwater Pump Station &amp; Flood Warning</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,558					1,558	
	<b>Project Total</b>	1,558					1,558	
<b>M-430296</b>	<b>Mitigation Program for CIP Projects</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,527	778	794	809	826	4,733	
	<b>Project Total</b>	1,527	778	794	809	826	4,733	
<b>M-430800</b>	<b>Developer Participation</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,018	1,037	1,587	1,619	1,652	6,913	
	<b>Project Total</b>	1,018	1,037	1,587	1,619	1,652	6,913	
<b>M-450500</b>	<b>Storm Water Improvements Under R/S</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,354	1,385	676	5,415	
	<b>Project Total</b>			3,354	1,385	676	5,415	
<b>M-NA0000</b>	<b>Contingencies</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	-20,385	-35,570	-830	958	43,306	-12,521	
	8500 - PWE-W&S Syst Consolidated Constr Fd	-7,013	-6,630	-2,433			-16,076	
	<b>Project Total</b>	-27,398	-42,200	-3,263	958	43,306	-28,597	
	<b>Total Appropriations:</b>	69,487	62,736	114,824	95,347	105,175	447,569	

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are inscribed in an arc at the top, and "TEXAS" is inscribed at the bottom. The entire seal is rendered in a light gray, semi-transparent style.

# **STREET & TRAFFIC CONTROL**

Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land	4,982	1,238	3,786	1,359	220	11,585
Design	19,127	19,294	7,826	8,753	9,013	64,012
Construction	137,898	134,807	100,564	130,511	174,335	678,115
Equipment Acquisition	1,857	3,240	1,057	3,425		9,578
Salary Recovery						
Other	37,607	2,955	1,415			41,977
<b>Total Allocation</b>	<b>201,470</b>	<b>161,535</b>	<b>114,647</b>	<b>144,048</b>	<b>183,568</b>	<b>805,268</b>
<b>Source of Funds</b>						
2425 - Woodlands Regional Participation	3,700					3,700
4040A - Metro Construction - Other	6,535	6,139	5,205	5,309	5,417	28,605
4040 - METRO Projects Construction - DDSRF	58,585	60,550	62,964	64,203	65,431	311,733
4042 - Street & Trfc Control & Strm Drain DDSRF	82,712	68,966	27,976	49,830	60,001	289,485
5030 - Federal State Local - Pass Through Fund	7,000					7,000
5430 - Federal State Local -PWE Pass thru DDSR		13,778				13,778
8500 - PWE-W&S Syst Consolidated Constr Fd						
Ft Bend County	3,600					3,600
Ft Bend Participate				692		692
Harris County	9,366		4,258			13,624
Harris Ct FCD	2,036					2,036
Proposed TXDOT			12,830		6,882	19,712
TXDOT-5430	13,684			24,014	23,816	61,514
TXDOT-9999	14,252	12,102	1,415		22,020	49,788
<b>Total Funds</b>	<b>201,470</b>	<b>161,535</b>	<b>114,647</b>	<b>144,048</b>	<b>183,568</b>	<b>805,268</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>N-000386</b>	<b>NSR Project 454</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	13,418		3,458			16,875
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,980		3,100			5,080
	<b>Project Total</b>	<b>15,398</b>		<b>6,558</b>			<b>21,955</b>
<b>N-000389</b>	<b>NSR Project 460</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		10,035				10,035
	<b>Project Total</b>		<b>10,035</b>				<b>10,035</b>
<b>N-000400</b>	<b>NSR Project 467</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	15,224					15,224
	8500 - PWE-W&S Syst Consolidated Constr Fd	6,401					6,401
	<b>Project Total</b>	<b>21,625</b>					<b>21,625</b>
<b>N-000401</b>	<b>NSR Project 468</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	5,245					5,245
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,138					2,138
	<b>Project Total</b>	<b>7,383</b>					<b>7,383</b>
<b>N-000420</b>	<b>Hike &amp; Bike Trail Program</b>						
	4040A - Metro Construction - Other	1,527	1,037				2,564
	<b>Project Total</b>	<b>1,527</b>	<b>1,037</b>				<b>2,564</b>
<b>N-000589</b>	<b>Tanner Road Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF			2,483			2,483
	4042 - Street & Trfc Control & Strm Drain DDSRF			662			662
	8500 - PWE-W&S Syst Consolidated Constr Fd			42			42
	Proposed TXDOT			12,830			12,830
	<b>Project Total</b>			<b>16,017</b>			<b>16,017</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-000590</b>	<b>Holmes Road Paving &amp; Drainage</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	6,540					6,540
	8500 - PWE-W&S Syst Consolidated Constr Fd	5,664					5,664
	<b>Project Total</b>	<b>12,204</b>					<b>12,204</b>
<b>N-000611</b>	<b>N. McCarty</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	3,868					3,868
	TXDOT-9999	10,180					10,180
	<b>Project Total</b>	<b>14,048</b>					<b>14,048</b>
<b>N-000623</b>	<b>Gellhorn Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	1,018					1,018
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,313					1,313
	Harris County	9,366					9,366
	<b>Project Total</b>	<b>11,696</b>					<b>11,696</b>
<b>N-000664</b>	<b>Greens Rd. Paving &amp; Drainage JFK to 59</b>						
	4040 - METRO Projects Construction - DDSRF		1,982				1,982
	4042 - Street & Trfc Control & Strm Drain DDSRF		5,557				5,557
	5430 - Federal State Local -PWE Pass thru DDSR		13,778				13,778
	8500 - PWE-W&S Syst Consolidated Constr Fd		4,787				4,787
	<b>Project Total</b>		<b>26,104</b>				<b>26,104</b>
<b>N-000686</b>	<b>Greens Rd. Pave &amp; Drain JFK to Aldine-W.</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	8,792					8,792
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,991					2,991
	TXDOT-5430	9,684					9,684
	<b>Project Total</b>	<b>21,467</b>					<b>21,467</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-000704</b>	<b>Hollister Road Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	2,204					2,204
	4042 - Street & Trfc Control & Strm Drain DDSRF	562					562
	8500 - PWE-W&S Syst Consolidated Constr Fd	570					570
	<b>Project Total</b>	<b>3,336</b>					<b>3,336</b>
<b>N-000751</b>	<b>West Alabama Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	5,110					5,110
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,449					2,449
	8500 - PWE-W&S Syst Consolidated Constr Fd	678					678
	<b>Project Total</b>	<b>8,238</b>					<b>8,238</b>
<b>N-000784</b>	<b>Buffalo Speedway Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	6,034					6,034
	TXDOT-5430	4,000					4,000
	<b>Project Total</b>	<b>10,034</b>					<b>10,034</b>
<b>N-000787</b>	<b>Clinton Dr. Paving and Drainage</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd		1,556				1,556
	TXDOT-9999		11,065				11,065
	<b>Project Total</b>		<b>12,620</b>				<b>12,620</b>
<b>N-000797</b>	<b>Market Street Paving and Drainage</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	3,992					3,992
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,051					2,051
	<b>Project Total</b>	<b>6,042</b>					<b>6,042</b>

**STREET & TRAFFIC CONTROL - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-000811</b>	<b>Watonga Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	3,739					3,739
	4042 - Street & Trfc Control & Strm Drain DDSRF	905					905
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,266					1,266
	<b>Project Total</b>	5,911					5,911
<b>N-000813</b>	<b>Laura Koppe Paving &amp; Drainage</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	10,351					10,351
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,403					1,403
	<b>Project Total</b>	11,754					11,754
<b>N-000815</b>	<b>Westpark Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF					1,656	1,656
	4042 - Street & Trfc Control & Strm Drain DDSRF					227	227
	8500 - PWE-W&S Syst Consolidated Constr Fd					9,943	9,943
	TXDOT-5430					7,530	7,530
	<b>Project Total</b>					19,356	19,356
<b>N-000818</b>	<b>Fulton Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	470	5,444				5,915
	<b>Project Total</b>	470	5,444				5,915
<b>N-000821</b>	<b>Hillcroft Avenue and Court Rd Extension</b>						
	4040 - METRO Projects Construction - DDSRF	1,854					1,854
	4042 - Street & Trfc Control & Strm Drain DDSRF	568					568
	8500 - PWE-W&S Syst Consolidated Constr Fd	829					829
	Ft Bend County	3,600					3,600
	<b>Project Total</b>	6,851					6,851

**STREET & TRAFFIC CONTROL - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-000848</b>	<b>Lawndale-Magnolia Park Area</b>							
	4040 - METRO Projects Construction - DDSRF	2,210					2,210	
	<b>Project Total</b>	2,210					2,210	
<b>N-001310</b>	<b>W. Airport: Hiram Clark to FM 521</b>							
	4040 - METRO Projects Construction - DDSRF					2,202	2,202	
	TXDOT-9999					22,020	22,020	
	<b>Project Total</b>					24,222	24,222	
<b>N-100001</b>	<b>Dunlavy: West Main to Richmond</b>							
	4040 - METRO Projects Construction - DDSRF	766					766	
	4042 - Street & Trfc Control & Strm Drain DDSRF	483					483	
	8500 - PWE-W&S Syst Consolidated Constr Fd	668					668	
	<b>Project Total</b>	1,917					1,917	
<b>N-100002</b>	<b>TC Jester: Washington to I-10</b>							
	4040 - METRO Projects Construction - DDSRF		2,022				2,022	
	4042 - Street & Trfc Control & Strm Drain DDSRF		472				472	
	8500 - PWE-W&S Syst Consolidated Constr Fd		390				390	
	<b>Project Total</b>		2,884				2,884	
<b>N-100003</b>	<b>Shepherd and Durham Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF	6,714					6,714	
	4042 - Street & Trfc Control & Strm Drain DDSRF	3,024					3,024	
	8500 - PWE-W&S Syst Consolidated Constr Fd	804					804	
	<b>Project Total</b>	10,542					10,542	

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-100004</b>	<b>Greenbriar Street Paving &amp; Drainage</b>							
	2425 - Woodlands Regional Participation	3,700						3,700
	4040 - METRO Projects Construction - DDSRF	1,260						1,260
	4042 - Street & Trfc Control & Strm Drain DDSRF	782						782
	8500 - PWE-W&S Syst Consolidated Constr Fd	165						165
	<b>Project Total</b>	<b>5,907</b>						<b>5,907</b>
<b>N-100005</b>	<b>Houston Avenue Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF					2,144		2,144
	4042 - Street & Trfc Control & Strm Drain DDSRF					334		334
	8500 - PWE-W&S Syst Consolidated Constr Fd					569		569
	<b>Project Total</b>					<b>3,047</b>		<b>3,047</b>
<b>N-100006</b>	<b>University Blvd Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF			2,468				2,468
	4042 - Street & Trfc Control & Strm Drain DDSRF			1,000				1,000
	8500 - PWE-W&S Syst Consolidated Constr Fd			1,085				1,085
	<b>Project Total</b>			<b>4,553</b>				<b>4,553</b>
<b>N-100007</b>	<b>TC Jester: Timbergrove to I-10</b>							
	4040 - METRO Projects Construction - DDSRF					3,737		3,737
	4042 - Street & Trfc Control & Strm Drain DDSRF					911		911
	<b>Project Total</b>					<b>4,648</b>		<b>4,648</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-100008</b>	<b>Fondren Road Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF					914		914
	4042 - Street & Trfc Control & Strm Drain DDSRF					201		201
	8500 - PWE-W&S Syst Consolidated Constr Fd					407		407
	TXDOT-5430					4,462		4,462
	<b>Project Total</b>					5,984		5,984
<b>N-100009</b>	<b>Antoine Drive Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF			2,205				2,205
	4042 - Street & Trfc Control & Strm Drain DDSRF	162	630					792
	8500 - PWE-W&S Syst Consolidated Constr Fd		170					170
	<b>Project Total</b>	162	3,005					3,167
<b>N-100010</b>	<b>Dunlavy: West Gray to Dallas</b>							
	4040 - METRO Projects Construction - DDSRF			1,039				1,039
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,731	306					2,037
	8500 - PWE-W&S Syst Consolidated Constr Fd		245					245
	<b>Project Total</b>	1,731	1,590					3,320
<b>N-100011</b>	<b>Kingwood Drive Paving &amp; Drainage</b>							
	4040 - METRO Projects Construction - DDSRF		1,213		9,303			10,516
	4042 - Street & Trfc Control & Strm Drain DDSRF				4,307			4,307
	8500 - PWE-W&S Syst Consolidated Constr Fd				632			632
	<b>Project Total</b>		1,213		14,242			15,455

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-100012</b>	<b>Hillcroft Avenue Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF			6,015			6,015
	4042 - Street & Trfc Control & Strm Drain DDSRF			1,229			1,229
	8500 - PWE-W&S Syst Consolidated Constr Fd			173			173
	<b>Project Total</b>			<b>7,417</b>			<b>7,417</b>
<b>N-100013</b>	<b>Broadway Street Paving &amp; Drainage</b>						
	4040 - METRO Projects Construction - DDSRF		12,387				12,387
	4042 - Street & Trfc Control & Strm Drain DDSRF	5	2,268				2,273
	8500 - PWE-W&S Syst Consolidated Constr Fd		97				97
	<b>Project Total</b>	<b>5</b>	<b>14,752</b>				<b>14,757</b>
<b>N-100017</b>	<b>Gessner Street Paving and Drainage</b>						
	4040 - METRO Projects Construction - DDSRF				2,277		2,277
	4042 - Street & Trfc Control & Strm Drain DDSRF	391			603		994
	8500 - PWE-W&S Syst Consolidated Constr Fd				2,142		2,142
	TXDOT-5430				11,520		11,520
	<b>Project Total</b>	<b>391</b>			<b>16,542</b>		<b>16,933</b>
<b>N-100020</b>	<b>West Alabama Paving and Drainage</b>						
	4040 - METRO Projects Construction - DDSRF					8,880	8,880
	4042 - Street & Trfc Control & Strm Drain DDSRF	699				1,637	2,336
	8500 - PWE-W&S Syst Consolidated Constr Fd					155	155
	<b>Project Total</b>	<b>699</b>				<b>10,672</b>	<b>11,371</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-100021</b>	<b>Fondren Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF					2,561	2,561	
	4042 - Street & Trfc Control & Strm Drain DDSRF					395	395	
	8500 - PWE-W&S Syst Consolidated Constr Fd					323	323	
	TXDOT-5430					11,824	11,824	
	<b>Project Total</b>					15,103	15,103	
<b>N-100022</b>	<b>W Belfort Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF			6,937			6,937	
	4042 - Street & Trfc Control & Strm Drain DDSRF			2,315			2,315	
	<b>Project Total</b>			9,252			9,252	
<b>N-100023</b>	<b>Dairy Ashford Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF				4,527		4,527	
	4042 - Street & Trfc Control & Strm Drain DDSRF				3,629		3,629	
	<b>Project Total</b>				8,156		8,156	
<b>N-100024</b>	<b>Hirsch Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF		5,706				5,706	
	4042 - Street & Trfc Control & Strm Drain DDSRF	264	2,717				2,981	
	8500 - PWE-W&S Syst Consolidated Constr Fd		101				101	
	<b>Project Total</b>	264	8,523				8,787	
<b>N-100025</b>	<b>W. Fuqua Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF				1,856		1,856	
	4042 - Street & Trfc Control & Strm Drain DDSRF				637		637	
	Ft Bend Participate				692		692	
	TXDOT-5430				12,494		12,494	
	<b>Project Total</b>				15,679		15,679	

**STREET & TRAFFIC CONTROL - Summary of Funds**  
**2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-100027</b>	<b>S. Lockwood Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF			5,798				5,798
	4042 - Street & Trfc Control & Strm Drain DDSRF			1,282				1,282
	<b>Project Total</b>			7,080				7,080
<b>N-100029</b>	<b>Kirkwood Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF	910	4,953		4,858			10,720
	4042 - Street & Trfc Control & Strm Drain DDSRF		8,773		2,191			10,964
	<b>Project Total</b>	910	13,726		7,049			21,685
<b>N-100030</b>	<b>Antoine (North) Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF	2,797		4,379				7,176
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,031	826				1,857
	Harris County			4,258				4,258
	<b>Project Total</b>	2,797	1,031	9,463				13,291
<b>N-100031</b>	<b>34th: Hempstead to East of Bolin St.</b>							
	4040 - METRO Projects Construction - DDSRF	702				4,517		5,219
	4042 - Street & Trfc Control & Strm Drain DDSRF					575		575
	<b>Project Total</b>	702				5,092		5,794
<b>N-100032</b>	<b>Aldine Westfield (S) Paving and Drainage</b>							
	4040 - METRO Projects Construction - DDSRF	1,618				915		2,533
	4042 - Street & Trfc Control & Strm Drain DDSRF			1,127		841		1,968
	Proposed TXDOT					6,882		6,882
	<b>Project Total</b>	1,618		1,127		8,638		11,383

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-100034</b>	<b>Westheimer/Elgin Paving and Drainage</b>						
	4040 - METRO Projects Construction - DDSRF	1,213			8,083		9,296
	4042 - Street & Trfc Control & Strm Drain DDSRF			1,774	2,813		4,587
	8500 - PWE-W&S Syst Consolidated Constr Fd				255		255
	<b>Project Total</b>	1,213		1,774	11,151		14,139
<b>N-100035</b>	<b>EL Dorado Paving and Drainage</b>						
	4040 - METRO Projects Construction - DDSRF		4,000				4,000
	<b>Project Total</b>		4,000				4,000
<b>N-140000</b>	<b>Hillcroft Ave at Willow Waterhole Bayou</b>						
	TXDOT-9999			579			579
	<b>Project Total</b>			579			579
<b>N-140001</b>	<b>Market Street Bridge</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd		52				52
	TXDOT-9999		1,037				1,037
	<b>Project Total</b>		1,089				1,089
<b>N-140003</b>	<b>Yale Street Bridge</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	51					51
	Harris Ct FCD	2,036					2,036
	<b>Project Total</b>	2,087					2,087
<b>N-140004</b>	<b>Windfern Road Bridge</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	51					51
	TXDOT-9999	509					509
	<b>Project Total</b>	560					560

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-140005</b>	<b>Calhoun Bridge</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	102					102
	TXDOT-9999	3,054					3,054
	<b>Project Total</b>	<b>3,156</b>					<b>3,156</b>
<b>N-140008</b>	<b>Lee Rd. at HCFCD Ditch</b>						
	TXDOT-9999			381			381
	<b>Project Total</b>			<b>381</b>			<b>381</b>
<b>N-210001</b>	<b>Houston Heights, John Brasher, Memorial</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		9,873				9,873
	8500 - PWE-W&S Syst Consolidated Constr Fd		6,080				6,080
	<b>Project Total</b>		<b>15,953</b>				<b>15,953</b>
<b>N-210002</b>	<b>Linkwood Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		10,723				10,723
	<b>Project Total</b>		<b>10,723</b>				<b>10,723</b>
<b>N-210003</b>	<b>Augusta, Grant Park, &amp; Ballard Gardens</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	509				6,388	6,897
	<b>Project Total</b>	<b>509</b>				<b>6,388</b>	<b>6,897</b>
<b>N-210004</b>	<b>Cloverland Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF			9,926			9,926
	<b>Project Total</b>			<b>9,926</b>			<b>9,926</b>
<b>N-210005</b>	<b>Roseland Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				2,850		2,850
	<b>Project Total</b>				<b>2,850</b>		<b>2,850</b>

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021
		2017	2018	2019	2020	2021	
<b>N-210006</b>	<b>Huntington Village Sec 4 Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF				12,187		12,187
	<b>Project Total</b>				12,187		12,187
<b>N-210007</b>	<b>Briar Club Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		515			2,732	3,247
	<b>Project Total</b>		515			2,732	3,247
<b>N-210008</b>	<b>Gray and Taft Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,120			5,360		6,480
	<b>Project Total</b>	1,120			5,360		6,480
<b>N-210010</b>	<b>Market Square, Garner Viillas, Parkhill</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,270		673	8,191		11,134
	<b>Project Total</b>	2,270		673	8,191		11,134
<b>N-210011</b>	<b>Supply Row Center Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,887			7,653	9,540
	<b>Project Total</b>		1,887			7,653	9,540
<b>N-210012</b>	<b>Alief Forest North Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		413			2,189	2,602
	<b>Project Total</b>		413			2,189	2,602
<b>N-210013</b>	<b>Midtown Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,872			11,380	14,252
	<b>Project Total</b>		2,872			11,380	14,252
<b>N-210014</b>	<b>Catalina Area</b>						
	4042 - Street & Trfc Control & Strm Drain DDSRF		4,004			10,204	14,208
	<b>Project Total</b>		4,004			10,204	14,208

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-210015</b>	<b>Alief Forest South Area</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,000		1,143	5,286	8,429	
	<b>Project Total</b>		2,000		1,143	5,286	8,429	
<b>N-240001</b>	<b>Westerland Dr. Bridge</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	51					51	
	TXDOT-9999	509					509	
	<b>Project Total</b>	560					560	
<b>N-240002</b>	<b>Kirkmeadow Drive</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		104				104	
	<b>Project Total</b>		104				104	
<b>N-240003</b>	<b>Hueni Rd at Mills Branch</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		207				207	
	<b>Project Total</b>		207				207	
<b>N-240004</b>	<b>Botany Street at HCFCD</b>							
	TXDOT-9999			455			455	
	<b>Project Total</b>			455			455	
<b>N-310650</b>	<b>Traffic Signal Management Program/ITS</b>							
	4040 - METRO Projects Construction - DDSRF	6,723	3,445	3,510	3,575	3,500	20,753	
	<b>Project Total</b>	6,723	3,445	3,510	3,575	3,500	20,753	
<b>N-310651</b>	<b>Intelligent Transportation System (ITS)</b>							
	4040 - METRO Projects Construction - DDSRF	5,090	6,000				11,090	
	5030 - Federal State Local - Pass Through Fund	7,000					7,000	
	<b>Project Total</b>	12,090	6,000				18,090	

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-310662</b>	<b>Intersection Redesign &amp; Safety Imprvmnts</b>							
	4040 - METRO Projects Construction - DDSRF	1,675	1,708	1,740	1,772	2,000	8,895	
	<b>Project Total</b>	1,675	1,708	1,740	1,772	2,000	8,895	
<b>N-320100</b>	<b>Pre-Engineering for Street and Traffic</b>							
	4040 - METRO Projects Construction - DDSRF	3,000	3,000	3,000	3,911	3,000	15,911	
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,273	1,426	1,587	1,753	1,927	7,966	
	<b>Project Total</b>	4,273	4,426	4,587	5,664	4,927	23,877	
<b>N-320396</b>	<b>Miscellaneous Right of Way Preparation</b>							
	4040 - METRO Projects Construction - DDSRF	305	311	317	324	330	1,588	
	<b>Project Total</b>	305	311	317	324	330	1,588	
<b>N-320445</b>	<b>Bridge Rehabilitation/Replacement</b>							
	4040 - METRO Projects Construction - DDSRF	1,079	1,099	1,121	1,144	1,167	5,611	
	<b>Project Total</b>	1,079	1,099	1,121	1,144	1,167	5,611	
<b>N-320610</b>	<b>Safe Sidewalk Program</b>							
	4040A - Metro Construction - Other	5,008	5,102	5,205	5,309	5,417	26,041	
	<b>Project Total</b>	5,008	5,102	5,205	5,309	5,417	26,041	
<b>N-320660</b>	<b>Neighborhood Traffic Management Program</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	250	255	260	265	271	1,302	
	<b>Project Total</b>	250	255	260	265	271	1,302	
<b>N-320663</b>	<b>Miscellaneous Land Acquisition</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	204	207	212	216	220	1,059	
	<b>Project Total</b>	204	207	212	216	220	1,059	
<b>N-320667</b>	<b>Street Pavement Maint. and Management</b>							
	4040 - METRO Projects Construction - DDSRF	1,857	3,240	1,057	3,425	935	10,513	
	<b>Project Total</b>	1,857	3,240	1,057	3,425	935	10,513	

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>N-320668</b>	<b>Street and Bridge Program Management</b>							
	4040 - METRO Projects Construction - DDSRF	331	207	212	216	220	1,186	
	<b>Project Total</b>	331	207	212	216	220	1,186	
<b>N-320817</b>	<b>RR Crossing - Quiet Zones and Safety</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,500	1,500	1,500	1,500	1,500	7,500	
	<b>Project Total</b>	1,500	1,500	1,500	1,500	1,500	7,500	
<b>N-321037</b>	<b>Citywide Overlay/Rehabilitation Program</b>							
	4040 - METRO Projects Construction - DDSRF	4,524	4,611	4,698	4,785	4,850	23,468	
	<b>Project Total</b>	4,524	4,611	4,698	4,785	4,850	23,468	
<b>N-321038</b>	<b>Concrete Panel Replacement Program</b>							
	4040 - METRO Projects Construction - DDSRF	11,128	11,342	11,556	11,770	12,000	57,797	
	<b>Project Total</b>	11,128	11,342	11,556	11,770	12,000	57,797	
<b>N-321039</b>	<b>Roadway Pavement Replacement Program</b>							
	4040 - METRO Projects Construction - DDSRF	3,278	3,339	3,407	3,474	3,545	17,043	
	<b>Project Total</b>	3,278	3,339	3,407	3,474	3,545	17,043	
<b>N-322017</b>	<b>Council District Discretionary Project</b>							
	4040 - METRO Projects Construction - DDSRF	5,500					5,500	
	<b>Project Total</b>	5,500					5,500	
<b>N-450500</b>	<b>Street &amp; Sidewalk Improvements under R/S</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,500	145	2,184	5,131	8,960	
	<b>Project Total</b>		1,500	145	2,184	5,131	8,960	
<b>N-NA0000</b>	<b>Contingencies for Street &amp; Traffic</b>							
	4040 - METRO Projects Construction - DDSRF	-24,525	-18,703	4,265	-1,097	6,358	-33,702	
	8500 - PWE-W&S Syst Consolidated Constr Fd	-33,043	-13,788	-4,400	-3,029	-11,397	-65,657	
	<b>Project Total</b>	-57,568	-32,491	-135	-4,126	-5,039	-99,359	

**STREET & TRAFFIC CONTROL - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
	<b>Total Appropriations:</b>	201,470	161,535	114,647	144,048	183,568	805,268	



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# WASTEWATER TREATMENT FACILITIES



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land						
Design	<b>11,341</b>	13,885	9,622	10,127	18,968	63,943
Construction	<b>158,643</b>	155,432	170,959	173,191	158,139	816,364
Equipment Acquisition		310				310
Salary Recovery						
Other	<b>15,016</b>	15,373	4,419	1,682	7,893	44,383
<b>Total Allocation</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>925,000</b>
<b>Source of Funds</b>						
4042 - Street & Trfc Control & Strm Drain DDSRF						
8500 - PWE-W&S Syst Consolidated Constr Fd	<b>133,000</b>	130,000	123,000	133,000	185,000	704,000
Proposed TWDB (8500)	<b>52,000</b>	55,000	62,000	52,000		221,000
<b>Total Funds</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>185,000</b>	<b>925,000</b>

**WASTEWATER TREATMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>R-000019</b>	<b>Emergency Needs for Wastewater Utility</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,125	1,000	1,000	1,000	1,000	5,125
	<b>Project Total</b>	1,125	1,000	1,000	1,000	1,000	5,125
<b>R-000020</b>	<b>Miscellaneous Needs for Public Utility</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,430	8,430	1,170	620		12,650
	<b>Project Total</b>	2,430	8,430	1,170	620		12,650
<b>R-000035</b>	<b>Wastewater Force Main Renewal</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	9,756	1,587	7,916	8,417	21,718	49,394
	<b>Project Total</b>	9,756	1,587	7,916	8,417	21,718	49,394
<b>R-000265</b>	<b>Wastewater Treatment Plant Improvements</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	29,470	48,192	26,727	60,977	38,333	203,699
	<b>Project Total</b>	29,470	48,192	26,727	60,977	38,333	203,699
<b>R-000266</b>	<b>Neighborhood Sewer Rehab Program</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd					41,000	41,000
	Proposed TWDB (8500)	45,000	55,000	55,000	45,000		200,000
	<b>Project Total</b>	45,000	55,000	55,000	45,000	41,000	241,000
<b>R-000267</b>	<b>Lift Station Renewal &amp; Replacement</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	13,355	12,188	11,720	31,544	15,600	84,407
	<b>Project Total</b>	13,355	12,188	11,720	31,544	15,600	84,407
<b>R-000298</b>	<b>Alameda Sims Wastewater Treatment Plant</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,800	1,000	4,800	5,000	9,000	21,600
	<b>Project Total</b>	1,800	1,000	4,800	5,000	9,000	21,600
<b>R-000500</b>	<b>WW Improvements under M/N</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	19,078	13,650	5,244	3,029	9,526	50,527
	<b>Project Total</b>	19,078	13,650	5,244	3,029	9,526	50,527

**WASTEWATER TREATMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>R-000509</b>	<b>69th Street Wastewater Treatment Plant</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	16,000	15,300	31,418			62,718	
	<b>Project Total</b>	16,000	15,300	31,418			62,718	
<b>R-000521</b>	<b>Sewer Line Replacement by Other Govt</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		900			9,000	9,900	
	<b>Project Total</b>		900			9,000	9,900	
<b>R-000536</b>	<b>Wastewater Treatment Plant Consolidation</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	30,120	16,770	16,600	2,250	29,800	95,540	
	<b>Project Total</b>	30,120	16,770	16,600	2,250	29,800	95,540	
<b>R-000800</b>	<b>Collection System-Sponsor Participation</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		5,000				5,000	
	<b>Project Total</b>		5,000				5,000	
<b>R-000801</b>	<b>Sewer Service to Unserved Areas</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	7,428					7,428	
	<b>Project Total</b>	7,428					7,428	
<b>R-002011</b>	<b>Neighborhood Sewer Systems Improvements</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,500					1,500	
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,500	4,910	13,730	17,160	8,156	45,456	
	<b>Project Total</b>	3,000	4,910	13,730	17,160	8,156	46,956	
<b>R-002013</b>	<b>Large Diameter Sewer (LDS) Rehab</b>							
	Proposed TWDB (8500)	7,000		7,000	7,000		21,000	
	<b>Project Total</b>	7,000		7,000	7,000		21,000	
<b>R-002015</b>	<b>Wastewater Substitute Service Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	3,500	4,350	3,500	4,350	3,500	19,200	
	<b>Project Total</b>	3,500	4,350	3,500	4,350	3,500	19,200	

**WASTEWATER TREATMENT FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>R-NA0000</b>	<b>Wastewater Contingencies</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF	-1,500					-1,500	
	8500 - PWE-W&S Syst Consolidated Constr Fd	-2,562	-3,277	-825	-1,347	-1,633	-9,644	
	<b>Project Total</b>	-4,062	-3,277	-825	-1,347	-1,633	-11,144	
	<b>Total Appropriations:</b>	185,000	185,000	185,000	185,000	185,000	925,000	



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# **WATER UTILITY SYSTEM FACILITIES**



Project Allocation	Fiscal Year Planned Appropriations					2017-2021
	2017	2018	2019	2020	2021	
Planning						
Acquisition-Land	6,274	6,164	6,274	500	500	19,712
Design	147,562	88,244	21,317	30,772	15,569	303,464
Construction	235,612	570,297	961,688	252,102	176,358	2,196,057
Equipment Acquisition	3,135	2,869	2,950	2,950	3,750	15,654
Salary Recovery						
Other	173,786	864	-1,410	-3,069	-3,936	166,235
<b>Total Allocation</b>	<b>566,369</b>	<b>668,438</b>	<b>990,819</b>	<b>283,255</b>	<b>192,241</b>	<b>2,701,121</b>
<b>Source of Funds</b>						
4042 - Street & Trfc Control & Strm Drain DDSRF						
8319 - PWE-W & S Contributed CAP					56,500	56,500
8500 - PWE-W&S Syst Consolidated Constr Fd	179,741	185,000	182,507	157,079	135,741	840,068
Proposed TWDB (8319)	222,975	45,109	160,801	7,502		436,387
Proposed TWDB (8500)	3,135					3,135
Prop W&S Cap (8319)	134,561	438,329	647,511	97,664		1,318,065
Prop W&S Cap (8500)	2,121					2,121
TWDB Water Auth 8319	23,836			21,010		44,846
<b>Total Funds</b>	<b>566,369</b>	<b>668,438</b>	<b>990,819</b>	<b>283,255</b>	<b>192,241</b>	<b>2,701,121</b>

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>S-000012</b>	<b>Southeast Water Purification Plant</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	13,000	7,000	6,392	6,250		32,642
	<b>Project Total</b>	13,000	7,000	6,392	6,250		32,642
<b>S-000019</b>	<b>Emergency Needs for Water Utility</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	625	300	500	500	500	2,425
	<b>Project Total</b>	625	300	500	500	500	2,425
<b>S-000020</b>	<b>Miscellaneous Water Needs</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,025	7,120	785	120	170	10,220
	<b>Project Total</b>	2,025	7,120	785	120	170	10,220
<b>S-000035</b>	<b>Neighborhood Water Main Replacement</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	26,455	33,444	17,347		4,000	81,245
	<b>Project Total</b>	26,455	33,444	17,347		4,000	81,245
<b>S-000056</b>	<b>East Water Purification Plant</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	16,261	26,643	19,900	10,525	5,420	78,749
	<b>Project Total</b>	16,261	26,643	19,900	10,525	5,420	78,749
<b>S-000065</b>	<b>NE Water Purification Plant Expansion</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	3,300	2,834	30,276	330		36,740
	Proposed TWDB (8319)	13,199	11,337	121,105	1,321		146,962
	Prop W&S Cap (8319)	86,623	340,586	587,722	8,670		1,023,601
	<b>Project Total</b>	103,122	354,757	739,103	10,321		1,207,303
<b>S-000066</b>	<b>Northeast Water Purification Plant</b>						
	8500 - PWE-W&S Syst Consolidated Constr Fd	34,021	12,013	13,478	13,478		72,990
	Prop W&S Cap (8319)	21,914	5,009	9,522	9,522		45,967
	Prop W&S Cap (8500)	2,121					2,121
	<b>Project Total</b>	58,056	17,022	23,000	23,000		121,078

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>S-000067</b>	<b>Luce Bayou Inter-Basin Transfer</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	17,483					17,483	
	Proposed TWDB (8319)	194,280					194,280	
	<b>Project Total</b>	<b>211,763</b>					<b>211,763</b>	
<b>S-000100</b>	<b>New / Replacement Ground Water Wells</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	40	4,740	40	5,285	40	10,145	
	<b>Project Total</b>	<b>40</b>	<b>4,740</b>	<b>40</b>	<b>5,285</b>	<b>40</b>	<b>10,145</b>	
<b>S-000101</b>	<b>Pre-Engineering for Water Projects</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,000					2,000	
	<b>Project Total</b>	<b>2,000</b>					<b>2,000</b>	
<b>S-00019A</b>	<b>S Land Acquisition</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	500	390	500	500	500	2,390	
	<b>Project Total</b>	<b>500</b>	<b>390</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>2,390</b>	
<b>S-000200</b>	<b>Water Well Renewal Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	3,570	4,165	3,690	4,305	3,690	19,420	
	<b>Project Total</b>	<b>3,570</b>	<b>4,165</b>	<b>3,690</b>	<b>4,305</b>	<b>3,690</b>	<b>19,420</b>	
<b>S-000500</b>	<b>Water Improvements under M/N</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	20,977	6,769	1,589		1,871	31,206	
	<b>Project Total</b>	<b>20,977</b>	<b>6,769</b>	<b>1,589</b>		<b>1,871</b>	<b>31,206</b>	
<b>S-000521</b>	<b>Water Main Replacement by Other Govt</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		100				100	
	<b>Project Total</b>		<b>100</b>				<b>100</b>	
<b>S-000536</b>	<b>Plant Decommission Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	500					500	
	<b>Project Total</b>	<b>500</b>					<b>500</b>	

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>S-000600</b>	<b>Water Storage Tank Rehabilitation</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	16,440	5,500	5,000	5,000	4,000	35,940	
	<b>Project Total</b>	16,440	5,500	5,000	5,000	4,000	35,940	
<b>S-000700</b>	<b>Water Main Grid Extensions Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	4,330	7,000	2,971		3,000	17,301	
	<b>Project Total</b>	4,330	7,000	2,971		3,000	17,301	
<b>S-000701</b>	<b>Lg Diameter Water Line Rehab</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	7,144	4,307	7,797	9,141	800	29,189	
	<b>Project Total</b>	7,144	4,307	7,797	9,141	800	29,189	
<b>S-000702</b>	<b>Valve Replacement &amp; Installation Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	2,180	2,220	2,000	2,300	2,000	10,700	
	<b>Project Total</b>	2,180	2,220	2,000	2,300	2,000	10,700	
<b>S-000890</b>	<b>Lake Houston Water Supply Projects</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		2,500	10,000	10,000	10,000	32,500	
	<b>Project Total</b>		2,500	10,000	10,000	10,000	32,500	
<b>S-000900</b>	<b>Surface Water Transmission Program</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,499	3,569	5,807	12,875	
	8319 - PWE-W & S Contributed CAP					56,500	56,500	
	8500 - PWE-W&S Syst Consolidated Constr Fd	44,236	38,807	50,570	47,589	85,250	266,452	
	Proposed TWDB (8319)	15,496	33,772	39,696	6,181		95,145	
	Prop W&S Cap (8319)	26,024	92,734	50,267	79,472		248,497	
	TWDB Water Auth 8319	23,836			21,010		44,846	
	<b>Project Total</b>	109,592	165,313	144,032	157,821	147,557	724,315	

**WATER UTILITY SYSTEM FACILITIES - Summary of Funds  
2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2017-2021	
		2017	2018	2019	2020	2021		
<b>S-000901</b>	<b>Condition Assessment and Rehabilitation</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	195	7,201		7,506		14,902	
	<b>Project Total</b>	195	7,201		7,506		14,902	
<b>S-000902</b>	<b>Raw Water Transmission Lines</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		6,301				6,301	
	<b>Project Total</b>		6,301				6,301	
<b>S-000956</b>	<b>Automatic Meter Reading Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		669	750	750	750	2,919	
	Proposed TWDB (8500)	635					635	
	<b>Project Total</b>	635	669	750	750	750	3,554	
<b>S-000958</b>	<b>Meter Replacement &amp; Upgrade Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd		2,200	2,200	2,200	3,000	9,600	
	Proposed TWDB (8500)	2,500					2,500	
	<b>Project Total</b>	2,500	2,200	2,200	2,200	3,000	12,100	
<b>S-001000</b>	<b>Pump Station Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	22,465	8,340	6,476	31,050	10,500	78,831	
	<b>Project Total</b>	22,465	8,340	6,476	31,050	10,500	78,831	
<b>S-002015</b>	<b>Water Substitute Service Program</b>							
	8500 - PWE-W&S Syst Consolidated Constr Fd	1,448	742	246	250	250	2,936	
	<b>Project Total</b>	1,448	742	246	250	250	2,936	
<b>S-NA0000</b>	<b>Water Contingencies</b>							
	4042 - Street & Trfc Control & Strm Drain DDSRF			-3,499	-3,569	-5,807	-12,875	
	8500 - PWE-W&S Syst Consolidated Constr Fd	-59,454	-6,305				-65,759	
	<b>Project Total</b>	-59,454	-6,305	-3,499	-3,569	-5,807	-78,634	
	<b>Total Appropriations:</b>	566,369	668,438	990,819	283,255	192,241	2,701,121	



**OPERATIONAL &  
MAINTENANCE IMPACT**

# Operational & Maintenance Impact

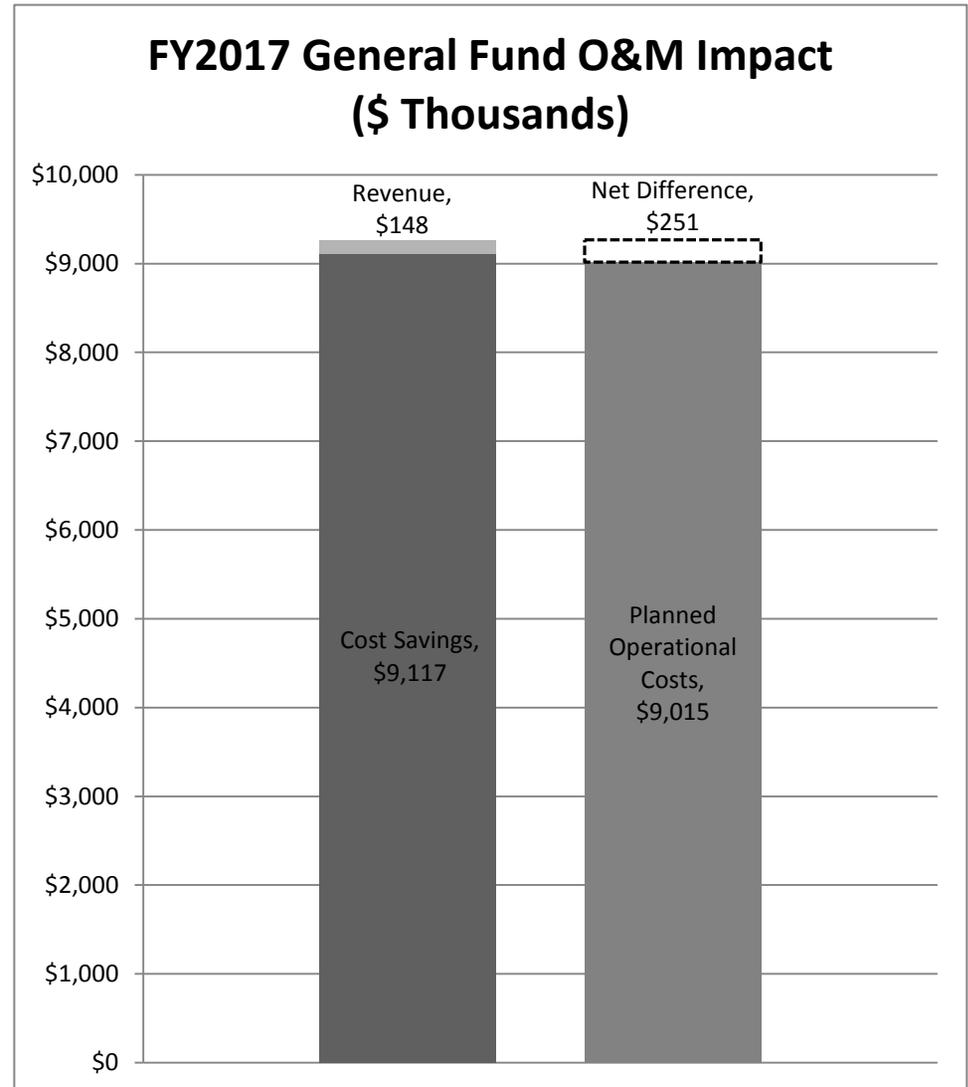
Public Improvement Programs in the FY2017 – 2021 CIP have been analyzed to determine their projected impact on the operational budget. Operational & Maintenance (O&M) costs are funded from the General Fund and are identified by departments. Only projects with impacts above \$10,000 annually are presented. The total impact of projects with less than a \$10,000 annual impact is \$80,000 over a five year period.

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 230 Public Improvement projects within the Proposed FY2017 – 2021 CIP, there are 25 projects with O&M impacts totaling nearly \$500,000 over the five years. In 2017, savings and revenue are an estimated \$9.3 million, resulting in a positive impact as personnel, services and other O&M total \$9 million.

**Highlights of Proposed FY2017 - 2021 CIP include:**

- The Houston Police Department has an estimated \$79.5 million impact to services costs over the five years, which is more than offset by the estimated \$86.0 million in savings, for a positive impact of \$6.5 million.
- The Administration and Regulatory Affairs has estimated \$594,000 in increased revenue related to the replacement of Parking Pay Stations.
- The Houston Police Department has an estimated \$2.3 million in personnel related to the body cameras project. The O&M impact of this project was included in the FY16 budget as part of the initial rollout of the project.
- The Health Department has an estimated \$369,000 for services related to the Sunnyside Multi-Service Center/Health Center project.



Project Allocation	Fiscal Year Planned Operational Cost*					2017-2021
	2017	2018	2019	2020	2021	
Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ 131	\$ 268	\$ 222	\$ 545	\$ 824	\$ 1,990
Personnel	\$ 457	\$ 628	\$ 638	\$ 755	\$ 875	\$ 3,352
Services	\$ 8,428	\$ 16,922	\$ 17,687	\$ 18,897	\$ 19,814	\$ 81,747
Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal</b>	<b>\$ 9,015</b>	<b>\$ 17,818</b>	<b>\$ 18,547</b>	<b>\$ 20,197</b>	<b>\$ 21,513</b>	<b>\$ 87,089</b>
Revenue	\$ 148	\$ 148	\$ 148	\$ 148	\$ -	594
Savings	\$ 9,117	\$ 18,235	\$ 18,873	\$ 19,584	\$ 20,267	86,077
<b>**Subtotal</b>	<b>9,266</b>	<b>18,383</b>	<b>19,022</b>	<b>19,732</b>	<b>20,267</b>	<b>86,671</b>
<b>Grand total</b>	<b>\$ (251)</b>	<b>\$ (566)</b>	<b>\$ (475)</b>	<b>\$ 464</b>	<b>\$ 1,245</b>	<b>\$ 419</b>

\* Does not include Enterprise Funds

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

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Operational Cost					2017-2021
		2017	2018	2019	2020	2021	
C-000181	Fire Station 40 Replacement Services	-	-	-	-	54	54
	<b>Project Total</b>	-	-	-	-	<b>54</b>	<b>54</b>
D-000180	Alief MSC, Community Center and Library Services	-	-	-	361	489	850
	<b>Project Total</b>	-	-	-	<b>361</b>	<b>489</b>	<b>850</b>
D-000211	City Wide Key Program Services	-	-	-	-	25	25
	<b>Project Total</b>	-	-	-	-	<b>25</b>	<b>25</b>
D-000221	City Wide Intrusion System Upgrade Personnel	-	-	-	-	120	120
	<b>Project Total</b>	-	-	-	-	<b>120</b>	<b>120</b>
D-650005	ARA - Parking Pay Station Replacement Savings Revenue	-	-	-	(50)	(50)	(100)
		(148)	(148)	(148)	(148)	-	(594)
	<b>Project Total</b>	<b>(148)</b>	<b>(148)</b>	<b>(148)</b>	<b>(198)</b>	<b>(50)</b>	<b>(694)</b>
E-000098	Moody Neighborhood Library - Replacement Services	-	-	-	31	42	73
	<b>Project Total</b>	-	-	-	<b>31</b>	<b>42</b>	<b>73</b>
F-000705	Squatty Lyons Services Personnel	-	5	5	5	5	20
		-	50	50	50	50	200
	<b>Project Total</b>	-	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>220</b>
F-000782	International District Trail Development Personnel	-	12	12	12	12	48
	<b>Project Total</b>	-	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>48</b>

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Operational Cost					2017-2021
		2017	2018	2019	2020	2021	
F-000849	Restroom Building Upgrades						
	Services	-	12	12	12	12	48
	Personnel		25	25	25	25	100
	<b>Project Total</b>	<b>-</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>148</b>
F-000853	Brock Adventure Park (BAP)						
	Services	-	-	90	180	180	450
	Personnel	-	-	10	15	15	40
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>195</b>	<b>195</b>	<b>490</b>
G-000037	City-County Prisoner Processing Facility						
	Services	<b>8,428</b>	<b>16,855</b>	<b>17,445</b>	<b>18,055</b>	<b>18,687</b>	79,470
	Savings	(9,117)	(18,235)	(18,873)	(19,534)	(20,217)	(85,977)
	<b>Project Total</b>	<b>(690)</b>	<b>(1,380)</b>	<b>(1,428)</b>	<b>(1,478)</b>	<b>(1,530)</b>	<b>(6,506)</b>
H-000091	Sunnyside MSC/HC						
	Services	-	-	85	142	142	369
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>85</b>	<b>142</b>	<b>142</b>	<b>369</b>
H-000117	Commerce Warehouse - Expansion						
	Services	-	-	-	-	20	20
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>
X-100013	HPD - Smartphone App for Citizens						
	Services	-	-	-	20	20	40
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>40</b>
X-100014	HPD - Smartphone App Internal						
	Services	-	-	-	25	25	50
	<b>Project Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>50</b>
X-100025	HPD - Body Cameras						
	Other	76	76	76	76	76	380
	Personnel	457	457	457	457	457	2,284
	<b>Project Total</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>533</b>	<b>2,664</b>

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

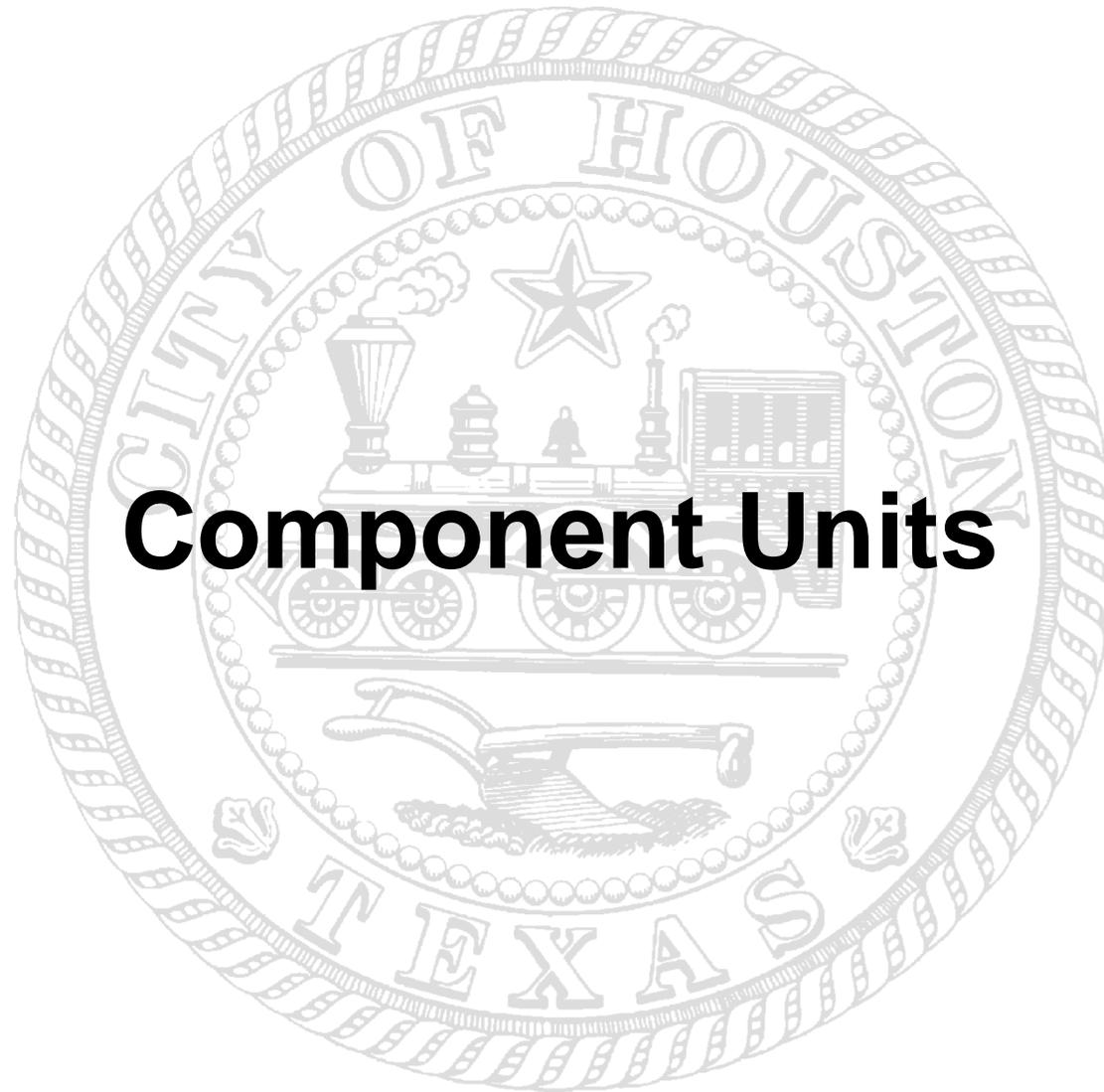
CIP No.	Project	Fiscal Year Planned Operational Cost					2017-2021
		2017	2018	2019	2020	2021	
X-250002	GSD - Real Estate Module Services	-	-	-	15	15	30
	<b>Project Total</b>	-	-	-	<b>15</b>	<b>15</b>	<b>30</b>
X-340013	HPL - Self Service Public Scanning Services	-	-	-	-	48	48
	<b>Project Total</b>	-	-	-	-	<b>48</b>	<b>48</b>
X-640018	FIN - Contract/Procurement Mgt System Other Personnel Services	-	50	84	84	84	50 336 200
	<b>Project Total</b>	-	<b>184</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>586</b>
X-650011	ARA - 311 Upgrade or Replacement Other	-	-	-	-	275	275
	<b>Project Total</b>	-	-	-	-	<b>275</b>	<b>275</b>
X-650013	ARA - Permit and Inspection Software Personnel Other	-	-	-	112	112	224 180
	<b>Project Total</b>	-	-	-	<b>202</b>	<b>202</b>	<b>404</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-680016	Sharepoint (Citypointe) Infrastructure Other	-	87	91	95	99	372
	<b>Project Total</b>	-	<b>87</b>	<b>91</b>	<b>95</b>	<b>99</b>	<b>372</b>
X-680038	IT Help Desk Software Upgrades Other	-	-	-	100	100	200
	<b>Project Total</b>	-	-	-	<b>100</b>	<b>100</b>	<b>200</b>
X-680042	SAP System to Monitor Interfaces Other	-	-	-	129	129	258
	<b>Project Total</b>	-	-	-	<b>129</b>	<b>129</b>	<b>258</b>

**GENERAL GOVERNMENT OPERATIONAL IMPACT  
2017 - 2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Operational Cost					2017-2021
		2017	2018	2019	2020	2021	
X-800007	HR - Benefits Interactive Platform Other	25	25	25	25	25	125
	<b>Project Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>125</b>
	<b>Total:</b>	<b>(251)</b>	<b>(566)</b>	<b>(475)</b>	<b>464</b>	<b>1,245</b>	<b>419</b>



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# Component Units

## Component Units

Component Units (Governmental and Business-Type) are legally separate organizations for which elected officials of the City of Houston are financially accountable or the nature and significance of the relationship is such that exclusion would cause financial statements to be misleading or incomplete. Therefore, these component units should be included in the City's 5 year Capital Improvement Plan.

Governmental type units provide services largely through non-exchange revenues (taxes are the most common example) and includes primarily boards and redevelopment authorities.

Business-type units are financed and operated in a manner similar to private business enterprise where the cost of providing goods or services to the general public is financed primarily through user charges.

## Table of Component Units

Unit	Has CIP?	CIP as Of:
<b><u>Governmental Type</u></b>		
City Park Redevelopment Authority	N	
East Downtown Redevelopment Authority	Y	FY16-20
Fifth Ward Redevelopment Authority	Y	FY16-20
Fourth Ward Redevelopment Authority	Y	FY16-20
Greater Greenspoint Redevelopment Authority	Y	FY16-20
Greater Houston Convention and Visitors Bureau	N	
Gulfgate Redevelopment Authority	N	
Hardy Near Northside Redevelopment Authority	N	
HALAN – Houston Area Library Automated Network Board	N	
Houston Arts Alliance	N	
Houston Civic Events, Inc.	N	
Houston Downtown Park Corporation	N	
Houston Forensic Science LGC, Inc.	N	
Houston Media Source	N	
Houston Museum District Association	N	
Houston Parks Board LGC., Inc.	Y	FY17-21
Houston Public Library Foundation	N	
Houston Recovery Center LGC	N	
Lake Houston Redevelopment Authority	Y	
Lamar Terrace Public Improvement District	N	
Land Assemblage Redevelopment Authority	N	
Leland Woods Redevelopment Authority I	N	
Leland Woods Redevelopment Authority II	N	
Main Street Market Square Redevelopment Authority	Y	FY16-20
Memorial City Redevelopment Authority	Y	FY16-20
Memorial-Heights Redevelopment Authority	Y	FY16-20
Midtown Redevelopment Authority	Y	FY16-20
Miller Theatre Advisory Board, Inc.	N	
Old Sixth Ward Redevelopment Authority	Y	FY16-20
OST/Almeda Corridors Redevelopment Authority	Y	FY16-20
Saint George Place Redevelopment Authority	N	
South Post Oak Redevelopment Authority	N	
Southwest Houston Redevelopment Authority	Y	FY16-20
Stadium Park Redevelopment Authority	N	
Theater District Improvement, Inc.	N	
Upper Kirby Redevelopment Authority	Y	FY16-20
Uptown Development Authority	Y	FY16-20
<b><u>Business Type</u></b>		
Houston First Corporation (formerly Houston Convention Center Hotel Corporation)	Y	FY17-21
Houston Housing Finance Corporation	N	
Houston Zoo, Inc.	Y	FY17-19

**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

**Summary Table of Governmental Component Units**

2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands ): Fiscal Year Planned Amounts

<b>Unit</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>
Midtown Redevelopment Authority (TIRZ 2)	26,274	23,635	21,674	10,372	-	81,955
Main Street Market Square Redevelopment Authority (TIRZ 3)	6,000	5,000	10,000	-	-	21,000
Memorial-Heights Redevelopment Authority (TIRZ 5)	2,365	1,165	550	2,000	-	6,080
OST/Almeda Corridors Redevelopment Authority (TIRZ 7)	15,581	25,951	1,330	694	-	43,556
Lake Houston Redevelopment Authority (TIRZ 10 )	1,460	1,460	26,289	26,289	-	55,498
Greater Greenspoint Redevelopment Authority (TIRZ 11)	9,105	12,015	11,840	5,700	-	38,660
Old Sixth Ward Redevelopment Authority (TIRZ 13)	1,020	277	220	100	-	1,617
Fourth Ward Redevelopment Authority (TIRZ 14)	3,120	2,050	1,457	2,551	-	9,178
East Downtown Redevelopment Authority (TIRZ 15)	2,770	2,125	2,260	2,125	-	9,280
Uptown Development Authority (TIRZ 16)	55,350	59,950	32,000	13,100	-	160,400
Memorial City Redevelopment Authority (TIRZ 17)	16,710	17,170	13,435	-	-	47,315
Fifth Ward Redevelopment Authority (TIRZ 18)	25	-	-	-	-	25
Upper Kirby Redevelopment Authority (TIRZ 19)	14,852	7,671	6,805	5,431	-	34,759
Southwest Houston Redevelopment Authority (TIRZ 20)	3,506	506	1,000	25,136	-	30,148
Houston Parks Board, Inc.	49,245	28,844	42,447	35,680	-	156,216
<b>Total</b>	<b>207,383</b>	<b>187,819</b>	<b>171,307</b>	<b>129,178</b>	<b>-</b>	<b>695,687</b>

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**FISCAL YEAR 2017 - 2021 CAPITAL IMPROVEMENT PLAN**

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**Summary Table of Business Type Component Units**

2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands): Fiscal Year Planned Amounts

<b>Unit</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>
Houston First Corporation	23,421	31,043	21,562	11,166	10,249	97,441
Houston Zoo, Inc.	16,925	30,900	34,350	-	-	82,175
<b>Total</b>	<b>40,346</b>	<b>61,943</b>	<b>55,912</b>	<b>11,166</b>	<b>10,249</b>	<b>179,616</b>

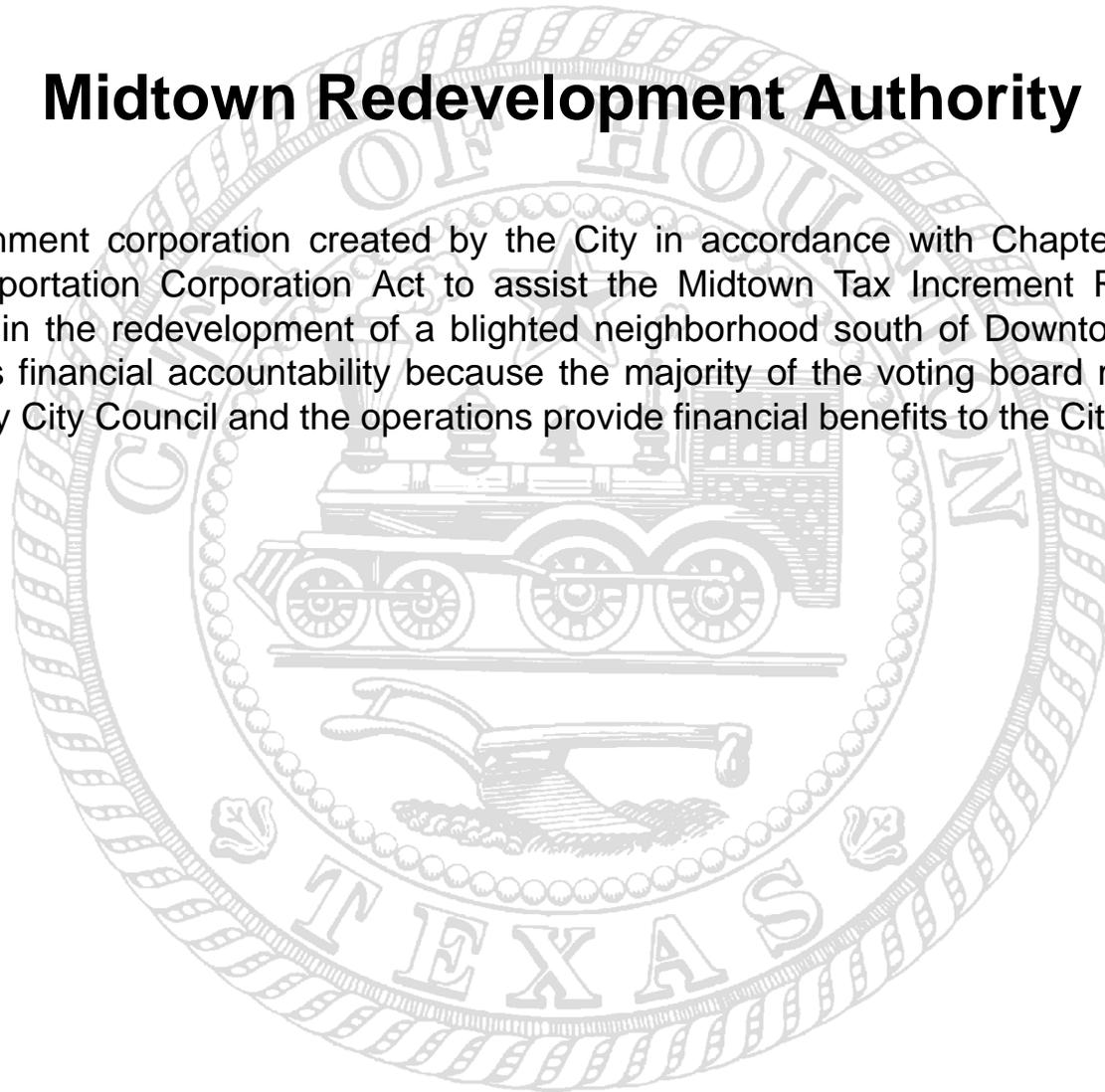
**Summary Table of Component Units**

2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands): Fiscal Year Planned Amounts

<b>Unit</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>
Governmental Units	207,383	187,819	171,307	129,178	-	695,687
Business Units	40,346	61,943	55,912	11,166	10,249	179,616
<b>Total</b>	<b>247,729</b>	<b>249,762</b>	<b>227,219</b>	<b>140,344</b>	<b>10,249</b>	<b>875,303</b>

## Midtown Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Midtown Tax Increment Reinvestment Zone Board in the redevelopment of a blighted neighborhood south of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



## Component Unit - Summary of Funds

2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-0202	Land Acquisition - Parks TIRZ		1,500				1,500
	<b>Project Total</b>		1,500				1,500
T-0206	South East Neighborhood Street Reconstruction TIRZ	1,325	2,415	1,010			4,750
	<b>Project Total</b>	1,325	2,415	1,010			4,750
T-0207	Operating of Zone & Project Facilities TIRZ	1,097	1,018	933	447		3,495
	<b>Project Total</b>	1,097	1,018	933	447		3,495
T-0210	Main Street Enhancements TIRZ	3,541					3,541
	<b>Project Total</b>	3,541					3,541
T-0211	(HCC) Academic Walk Holman (FTA) TIRZ	1,010					1,010
	<b>Project Total</b>	1,010					1,010
T-0213	Alabama Street Reconstruction TIRZ		5,320	5,010			10,330
	<b>Project Total</b>		5,320	5,010			10,330
T-0214	Caroline Street Reconstruction TIRZ	810	300				1,110
	<b>Project Total</b>	810	300				1,110
T-0220	Affordable Housing Land Banking Program TIRZ	2,780	2,780	2,780	2,780		11,120
	<b>Project Total</b>	2,780	2,780	2,780	2,780		11,120
T-0221	Midtown Park (Superblock) TIRZ	9,241	5,241				14,482
	<b>Project Total</b>	9,241	5,241				14,482
T-0222	Street Overlay Program (Partnership with COH) TIRZ	325					325
	<b>Project Total</b>	325					325
T-0223	Safe Sidewalk Program (Partnership with City of Houston) TIRZ	260					260
	<b>Project Total</b>	260					260

## Component Unit - Summary of Funds

2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-0224	HTC Building Maintenance TIRZ						
	<b>Project Total</b>	50	50	50	50	50	200
T-0225	Mobility & Pedestrian Improvements TIRZ						
	<b>Project Total</b>	155	85	85	85	85	410
T-0230	Wheeler St. Pedestrian Enhancements TIRZ						
	<b>Project Total</b>		276	2,771			3,047
T-0232	Public and Cultural Facilities TIRZ						
	<b>Project Total</b>	200	100				300
T-0233	Parking Garage - Midtown Park (Super Block) TIRZ Other						
	<b>Project Total</b>	270					270
T-0234	Parks & Open Spaces TIRZ						
	<b>Project Total</b>	4,000					4,000
T-0235	Public Art TIRZ						
	<b>Project Total</b>	4,270					4,270
T-0239	Brazos Street Reconstruction TIRZ						
	<b>Project Total</b>	805	105	105	105		1,120
T-0240	Real Estate Development TIRZ						
	<b>Project Total</b>	805	105	105	105		1,120
T-0241	Alameda/Crawford TIRZ						
	<b>Project Total</b>	255	255	255	255		1,020
T-0242	Webster Street TIRZ						
	<b>Project Total</b>	255	255	255	255		1,020
T-0243	Central Bank Plaza TIRZ						
	<b>Project Total</b>		4,020	6,015	10		10,045
T-0244	Central Bank Plaza TIRZ						
	<b>Project Total</b>		4,020	6,015	10		10,045
T-0245	Central Bank Plaza TIRZ						
	<b>Project Total</b>	50	50				100
T-0246	Central Bank Plaza TIRZ						
	<b>Project Total</b>	50	50				100
T-0247	Central Bank Plaza TIRZ						
	<b>Project Total</b>			2,040	6,040		8,080
T-0248	Central Bank Plaza TIRZ						
	<b>Project Total</b>			2,040	6,040		8,080
T-0249	Central Bank Plaza TIRZ						
	<b>Project Total</b>		20	520	500		1,040
T-0250	Central Bank Plaza TIRZ						
	<b>Project Total</b>		20	520	500		1,040
T-0251	Central Bank Plaza TIRZ						
	<b>Project Total</b>	100	100	100	100		400
<b>Total:</b>		26,274	23,635	21,674	10,372		81,955

## Main Street Market Square Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Main Street Market Square Tax Increment Reinvestment Zone Board in the redevelopment of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



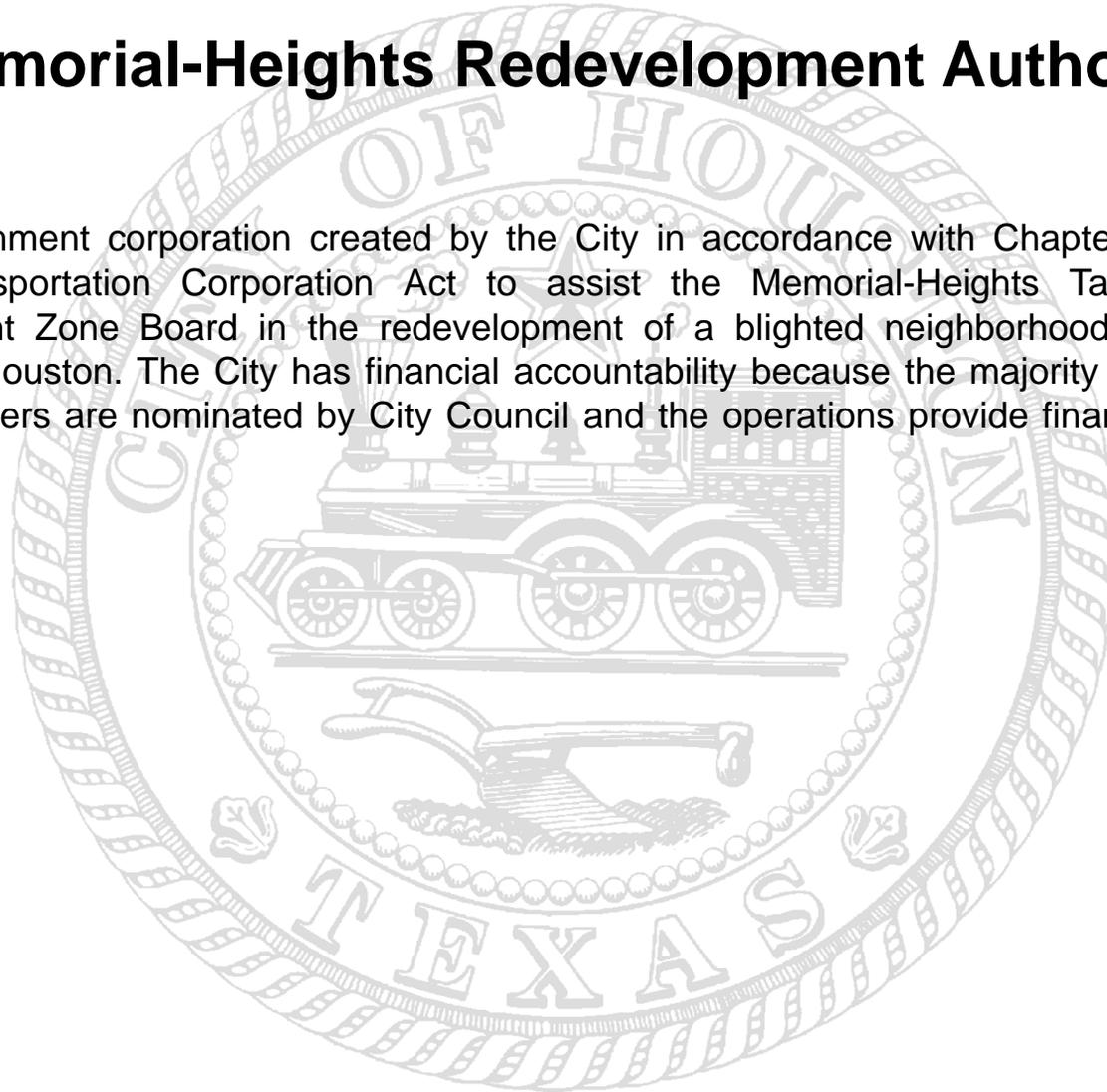
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-0307	Southern Downtown Pocket Park						
	TIRZ	5,000					5,000
	<b>Project Total</b>	5,000					5,000
T-0308	Jones Plaza						
	TIRZ		5,000				5,000
	<b>Project Total</b>		5,000				5,000
T-0317	Downtown Public Parking Garage						
	TIRZ			10,000			10,000
	<b>Project Total</b>			10,000			10,000
T-0319	Allen Parkway Re-Construction						
	TIRZ	1,000					1,000
	<b>Project Total</b>	1,000					1,000
<b>Total:</b>		6,000	5,000	10,000			21,000

## Memorial-Heights Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Memorial-Heights Tax Increment Reinvestment Zone Board in the redevelopment of a blighted neighborhood adjacent to Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



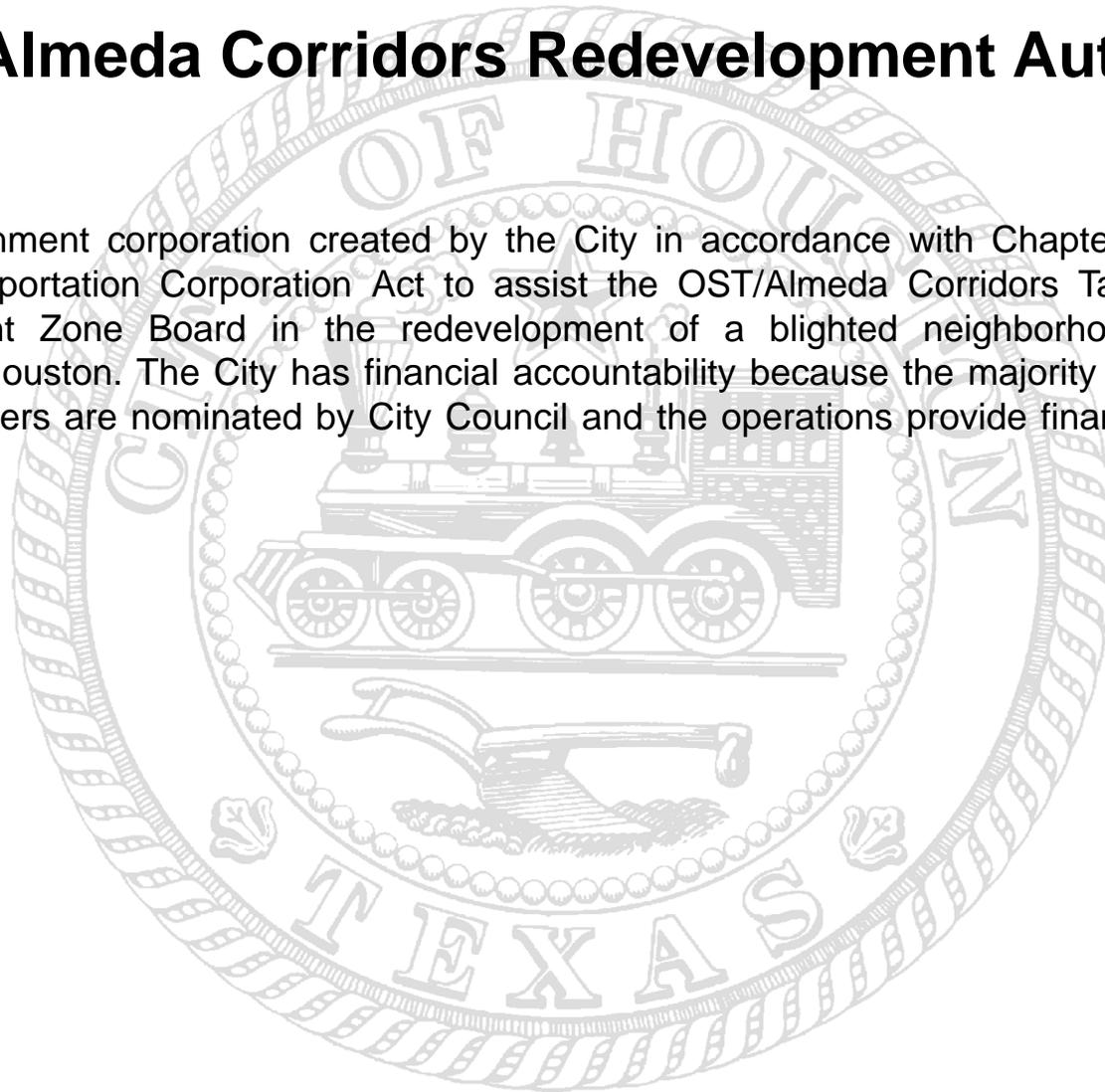
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-0513</b>	<b>Rutland /Patterson Connector Trailhead &amp; Bank Stabilization</b>						
	TIRZ	950					950
	<b>Project Total</b>	950					950
<b>T-0517</b>	<b>Flood Remediation/ Channel Reclamation Project</b>						
	TIRZ	550	550	550	2,000		3,650
	<b>Project Total</b>	550	550	550	2,000		3,650
<b>T-0518</b>	<b>Olivewood Trail Head and Connector Trail</b>						
	TIRZ	250					250
	<b>Project Total</b>	250					250
<b>T-0519</b>	<b>Woodland Park Improvements</b>						
	TIRZ	615	615				1,230
	<b>Project Total</b>	615	615				1,230
	<b>Total Appropriations:</b>	2,365	1,165	550	2,000		6,080

## OST/Almeda Corridors Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the OST/Almeda Corridors Tax Increment Reinvestment Zone Board in the redevelopment of a blighted neighborhood south of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



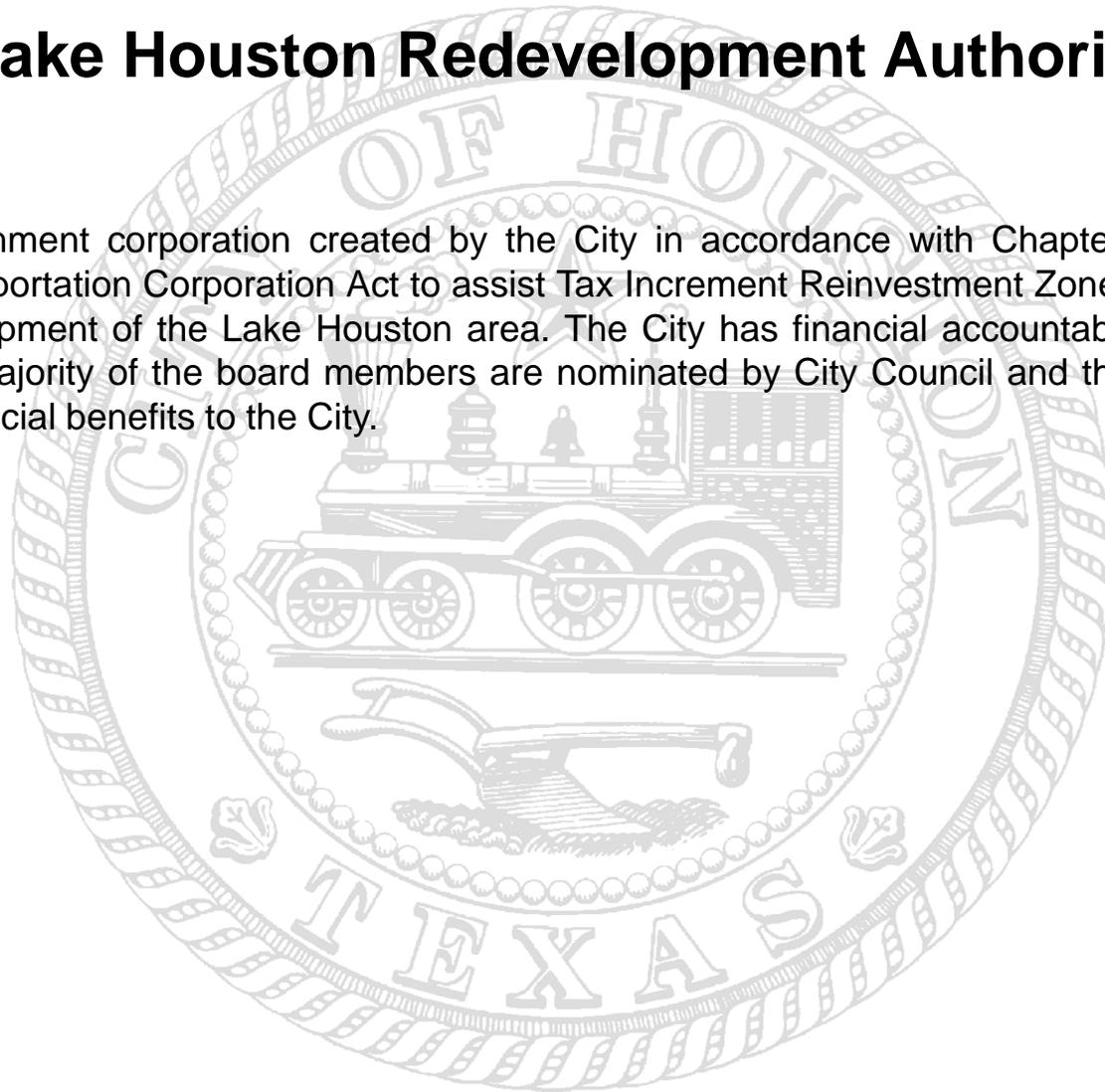
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-0710	Real Property Land Assembly & Site Preparation						
	TIRZ	30	30	30	30	30	120
	<b>Project Total</b>	30	30	30	30	30	120
T-0711	Historic Dowling Street Reconstruction						
	TIRZ	6,994	24,121				31,115
	<b>Project Total</b>	6,994	24,121				31,115
T-0712	Emancipation Park and Community Center						
	TIRZ						0
	Grant	8,335					8,335
	<b>Project Total</b>	8,335					8,335
T-0722	Greater Third Ward Neighborhood Project						
	TIRZ	222	1,800	1,300	664		3,986
	<b>Project Total</b>	222	1,800	1,300	664		3,986
	<b>Total Appropriations:</b>	15,581	25,951	1,330	694		43,556

## Lake Houston Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist Tax Increment Reinvestment Zone 10 Board in the redevelopment of the Lake Houston area. The City has financial accountability because the voting majority of the board members are nominated by City Council and the operations provide financial benefits to the City.



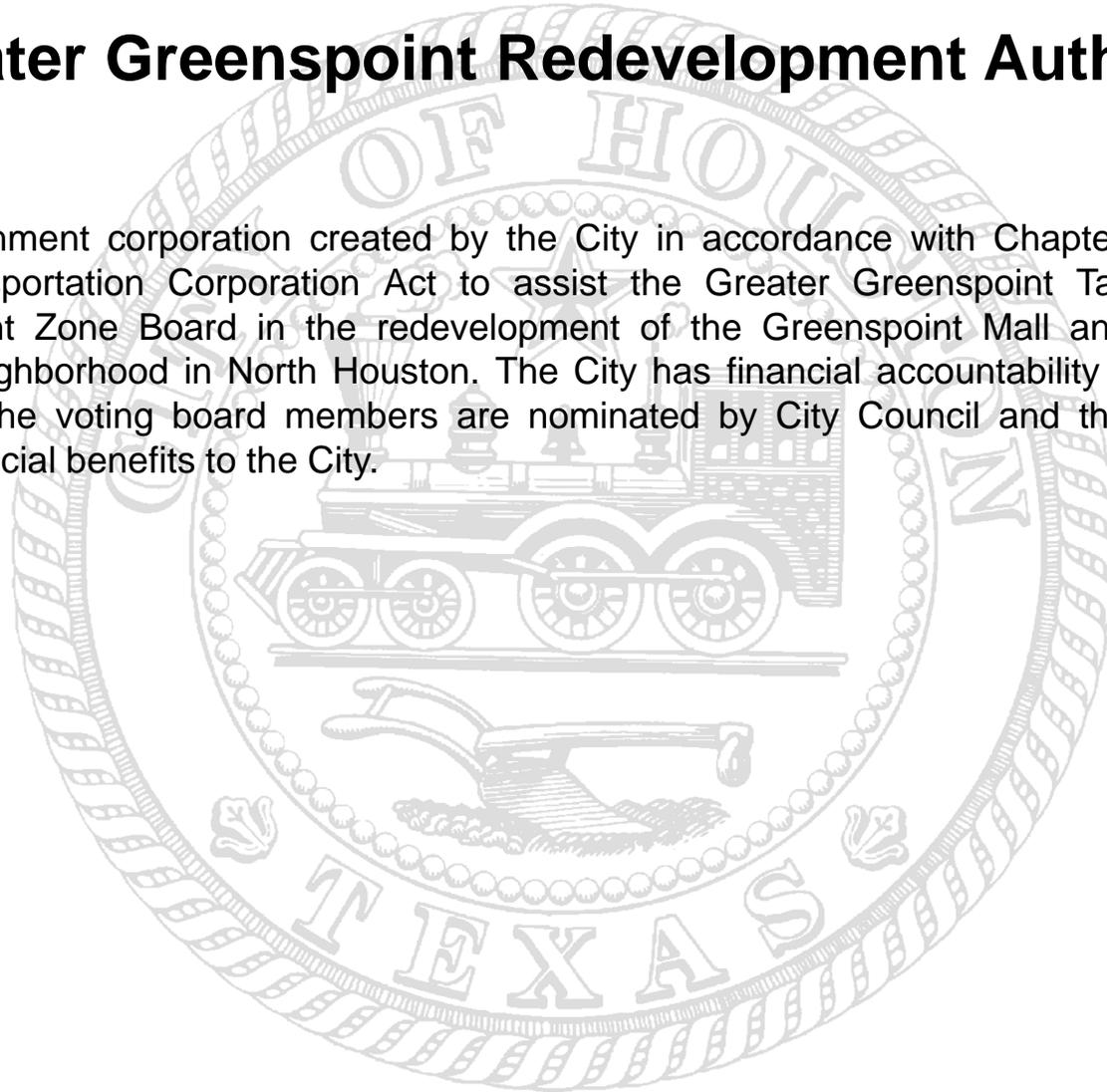
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1007	Northpark Drive/UPPR Grade Separation						
	TIRZ	292	292	2,718	2,718	6,020	
	Grants	1,168	1,168	23,571	23,571	49,478	
	<b>Project Total</b>	1,460	1,460	26,289	26,289	55,498	
	<b>Total Appropriations:</b>	1,460	1,460	26,289	26,289	55,498	

## Greater Greenspoint Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Greater Greenspoint Tax Increment Reinvestment Zone Board in the redevelopment of the Greenspoint Mall and a blighted adjacent neighborhood in North Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



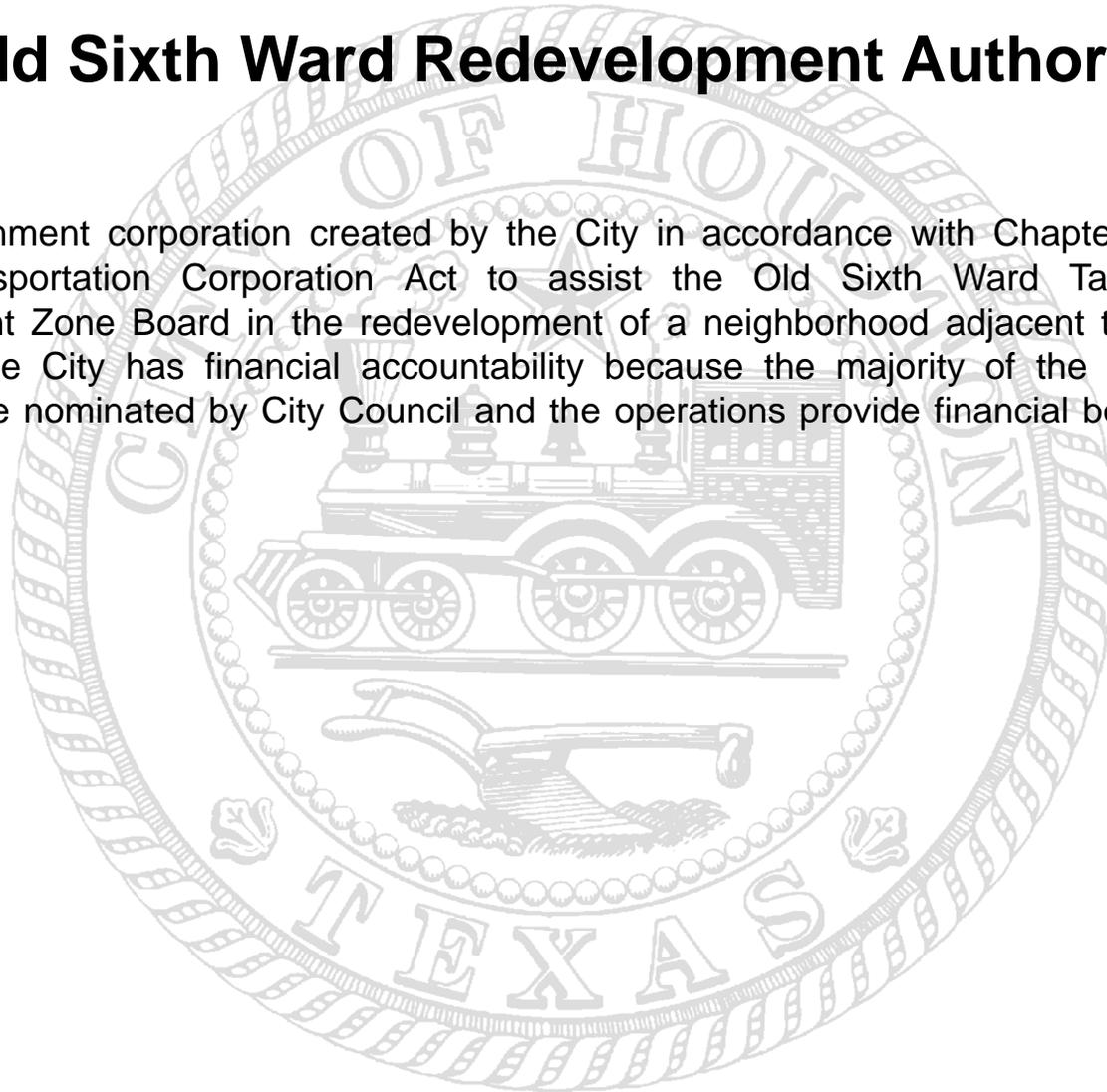
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1103</b>	<b>Greenspoint Area Streetscape Improvements</b>						
	TIRZ	75	75	75			225
	<b>Project Total</b>	75	75	75			225
<b>T-1123</b>	<b>Greens Road Street &amp; Drainage Improvements</b>						
	TIRZ	2,230	5,390				7,620
	<b>Project Total</b>	2,230	5,390				7,620
<b>T-1124</b>	<b>North Houston Bike Park and Trails</b>						
	TIRZ	6,800					6,800
	<b>Project Total</b>	6,800					6,800
<b>T-1125</b>	<b>Greenspoint Public Safety Campus Facility</b>						
	TIRZ		6,500	7,000	1,500		15,000
	<b>Project Total</b>		6,500	7,000	1,500		15,000
<b>T-1126</b>	<b>Pedestrian Safety Improvements</b>						
	TIRZ			1,205			1,205
	<b>Project Total</b>			1,205			1,205
<b>T-1127</b>	<b>Gears, Greens Crossing &amp; Ella Street Drainage</b>						
	TIRZ		50	3,400	3,150		6,600
	<b>Project Total</b>		50	3,400	3,150		6,600
<b>T-1129</b>	<b>Signalization and Pedestrian Safety Improvements</b>						
	TIRZ			160	1,050		1,210
	<b>Project Total</b>			160	1,050		1,210
	<b>Total:</b>	9,105	12,015	11,840	5,700		38,660

## Old Sixth Ward Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Old Sixth Ward Tax Increment Reinvestment Zone Board in the redevelopment of a neighborhood adjacent to Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



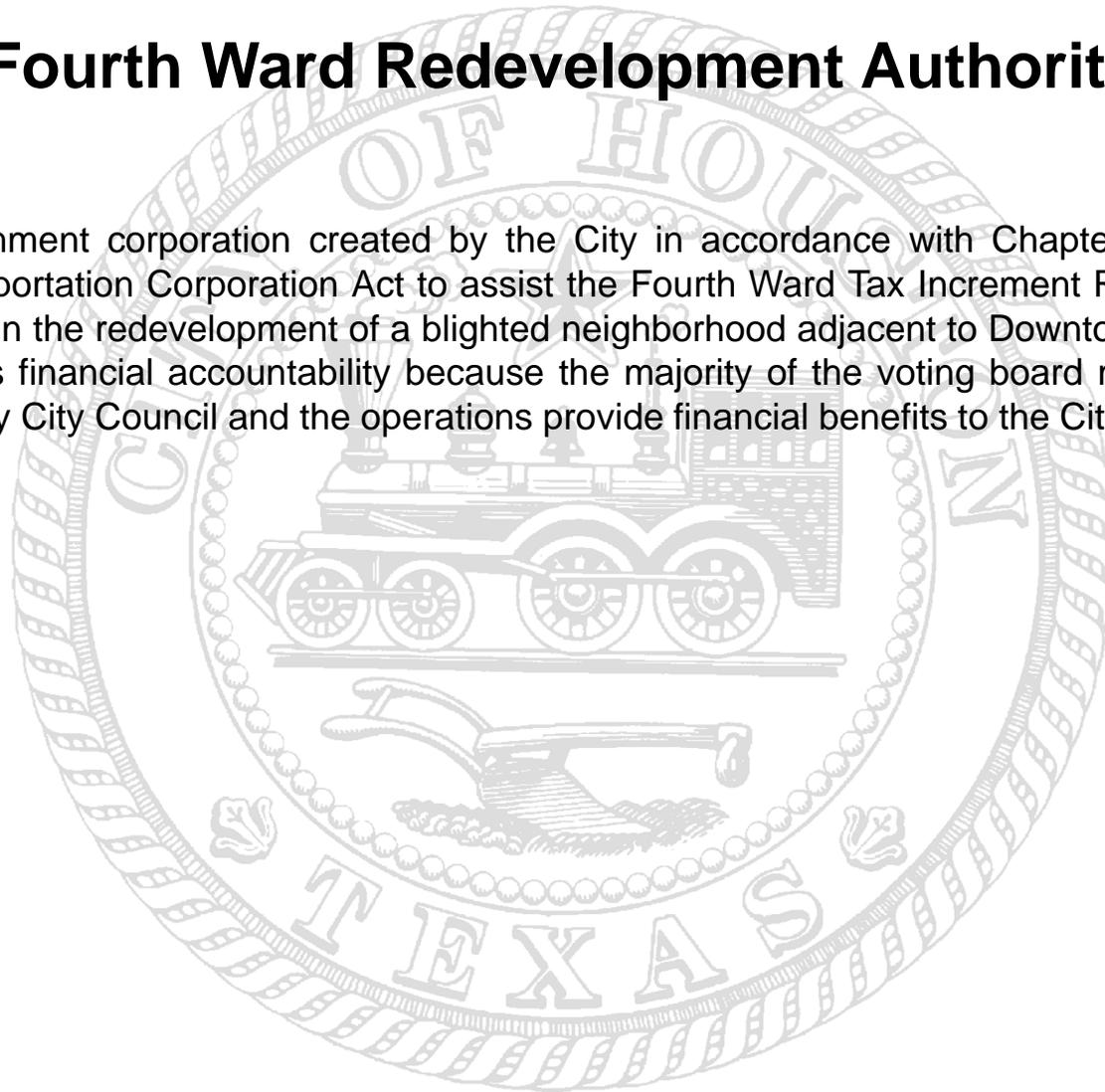
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1304	Sanitary Sewer Rehab/Substitute Service & Sidewalk Improv. Project TIRZ City Of Houston						
	<b>Project Total</b>	175					175
T-1307	Historic Sabine Street TIRZ						
	<b>Project Total</b>	350					350
T-1310	Hemphill Road TIRZ						
	<b>Project Total</b>	390					390
T-1312	Sustainable Streetscapes TIRZ						
	<b>Project Total</b>			120			120
T-1313	Dow School Park TIRZ						
	<b>Project Total</b>		100	100	100		300
T-1315	HAWK Pedestrian Crosswalk TIRZ						
	<b>Project Total</b>	105					105
T-1316	Metro Bus Stop Enhancements TIRZ						
	<b>Project Total</b>		42				42
T-1317	Washington Ave Curb and Sidewalk Rehab TIRZ						
	<b>Project Total</b>		135				135
	<b>Total Appropriations:</b>	1,020	277	220	100		1,617

## Fourth Ward Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Fourth Ward Tax Increment Reinvestment Zone Board in the redevelopment of a blighted neighborhood adjacent to Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



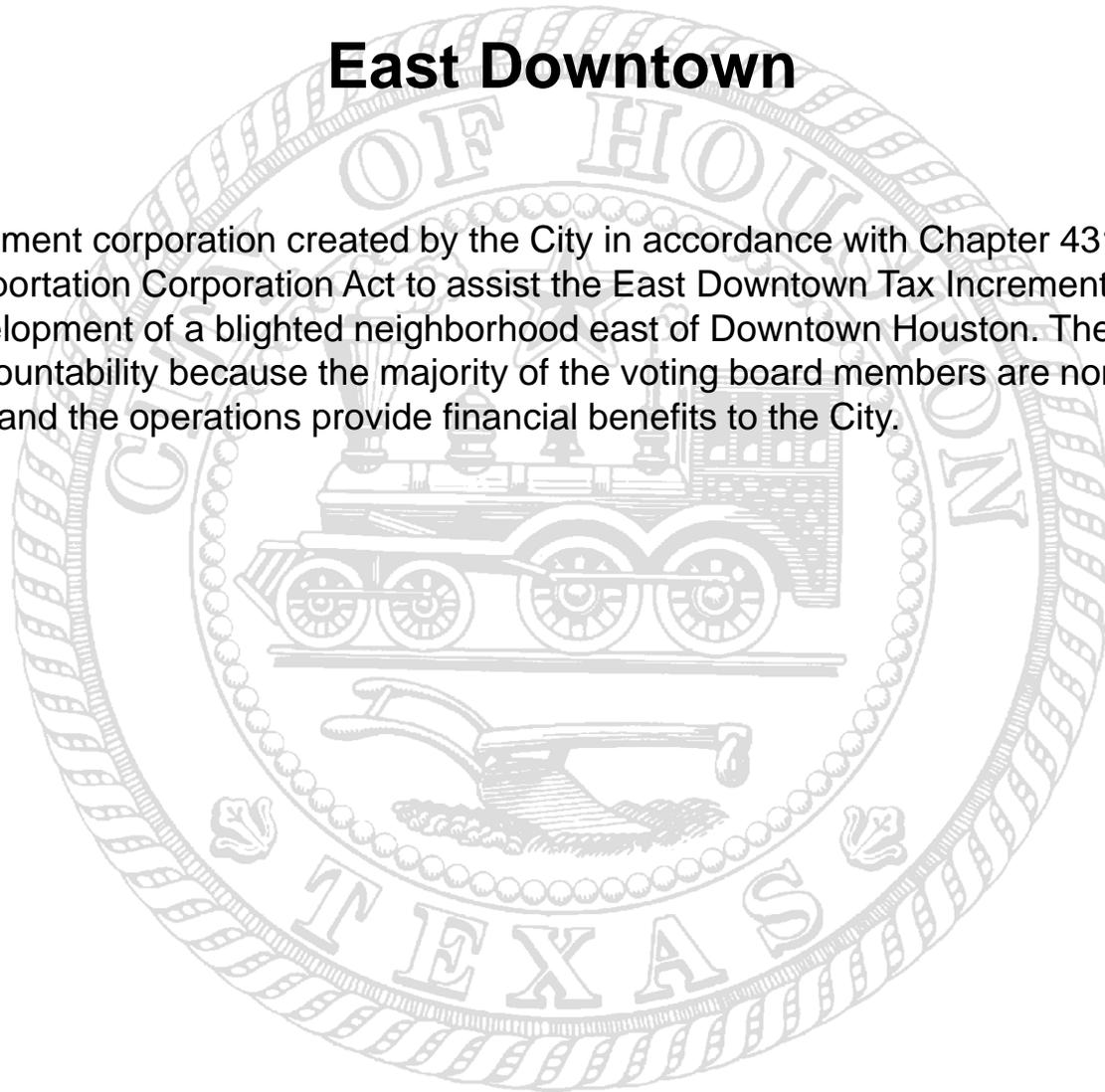
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1403</b>	<b>Gillette - Genesse Street Pedestrian Amenities</b>						
	TIRZ	1,345					1,345
	<b>Project Total</b>	1,345					1,345
<b>T-1409</b>	<b>Fourth Ward Street Reconstruction Project</b>						
	TIRZ	1,525	2,000	1,257	2,551		7,333
	<b>Project Total</b>	1,525	2,000	1,257	2,551		7,333
<b>T-1412</b>	<b>Historical Monuments</b>						
	TIRZ	250	50	200			500
	<b>Project Total</b>	250	50	200			500
	<b>Total:</b>	3,120	2,050	1,457	2,551		9,178

## East Downtown

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the East Downtown Tax Increment Zone Board in the redevelopment of a blighted neighborhood east of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



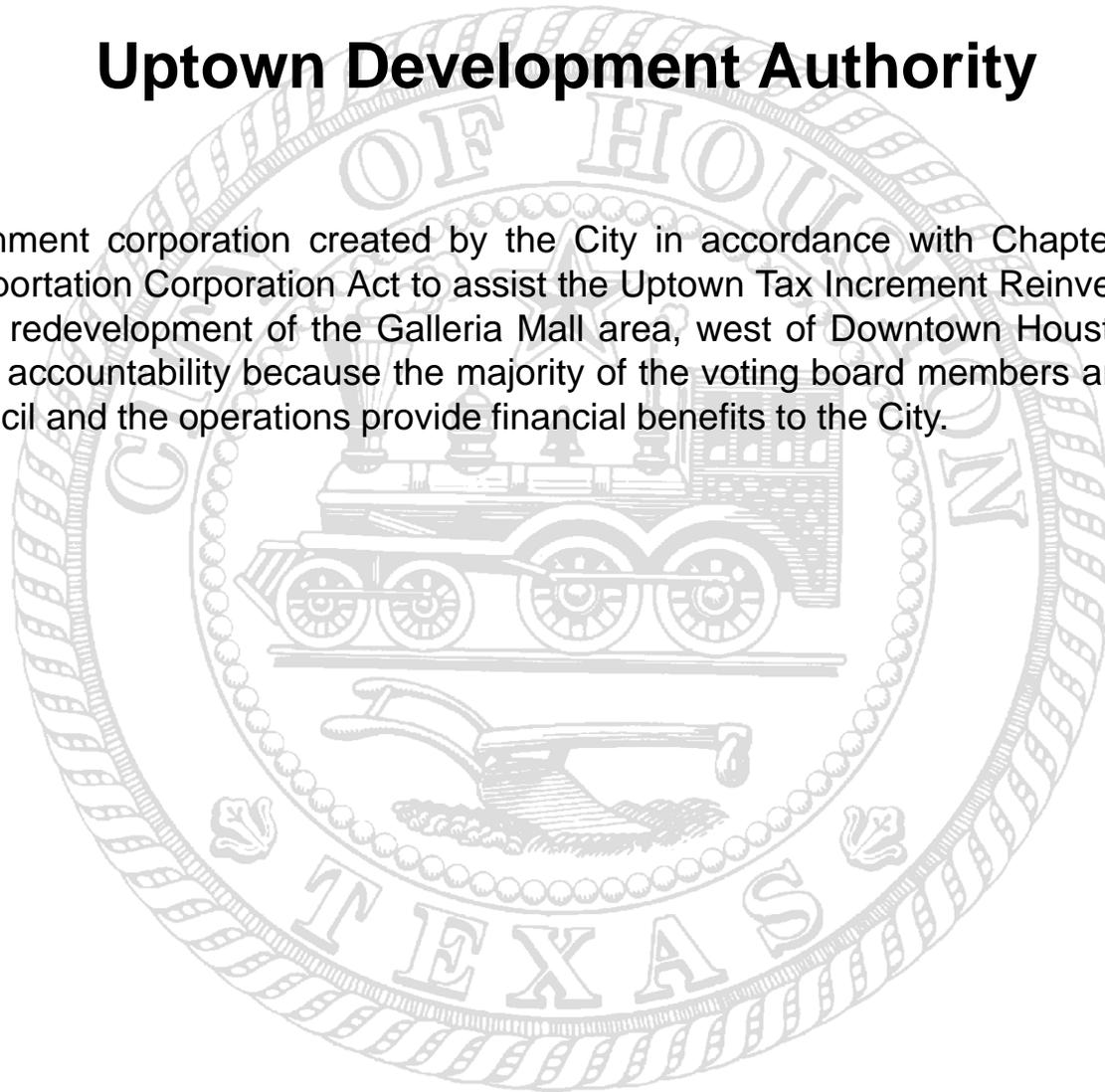
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1503	<b>Phase 1 - Roadway and Utility Re-Construction</b>						
	TIRZ	2,470					2,470
	<b>Project Total</b>	2,470					2,470
T-1504	<b>Phase 2 - Roadway and Utility Re-Construction</b>						
	TIRZ	300	2,125				2,425
	<b>Project Total</b>	300	2,125				2,425
T-1505	<b>Phase 3 - Roadway and Utility Re-Construction</b>						
	TIRZ			2,260			2,260
	<b>Project Total</b>			2,260			2,260
T-1506	<b>Phase 4 - Roadway and Utility Re-Construction</b>						
	TIRZ				2,125		2,125
	<b>Project Total</b>				2,125		2,125
<b>Total Appropriations:</b>		2,770	2,125	2,260	2,125		9,280

## Uptown Development Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Uptown Tax Increment Reinvestment Zone Board in the redevelopment of the Galleria Mall area, west of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1608</b>	<b>Advance Traveler Information System</b>						
	TIRZ	50	50	50	50		200
	<b>Project Total</b>	50	50	50	50		200
<b>T-1609</b>	<b>Uptown Area Intersection and Signalization</b>						
	TIRZ	100	100	100	100		400
	<b>Project Total</b>	100	100	100	100		400
<b>T-1611</b>	<b>Right-Of- Way Acquisition</b>						
	TIRZ	500	750	750			2,000
	<b>Project Total</b>	500	750	750			2,000
<b>T-1616</b>	<b>Secondary Roadways</b>						
	TIRZ	250	250	250	250		1,000
	<b>Project Total</b>	250	250	250	250		1,000
<b>T-1622</b>	<b>Parks</b>						
	TIRZ	950	1,400	1,150	200		3,700
	<b>Project Total</b>	950	1,400	1,150	200		3,700
<b>T-1625</b>	<b>Lynn Street</b>						
	TIRZ			200	500		700
	<b>Project Total</b>			200	500		700
<b>T-1926</b>	<b>Richmond Phase I Reconstruction</b>						
	TIRZ		500	1,000	500		2,000
	<b>Project Total</b>		500	1,000	500		2,000
<b>T-1627</b>	<b>Sage Reconstruction</b>						
	TIRZ		300	1,700			2,000
	<b>Project Total</b>		300	1,700			2,000
<b>T-1628</b>	<b>West Alabama (Post Oak Boulevard to Rice)</b>						
	TIRZ				1,500		1,500
	<b>Project Total</b>				1,500		1,500

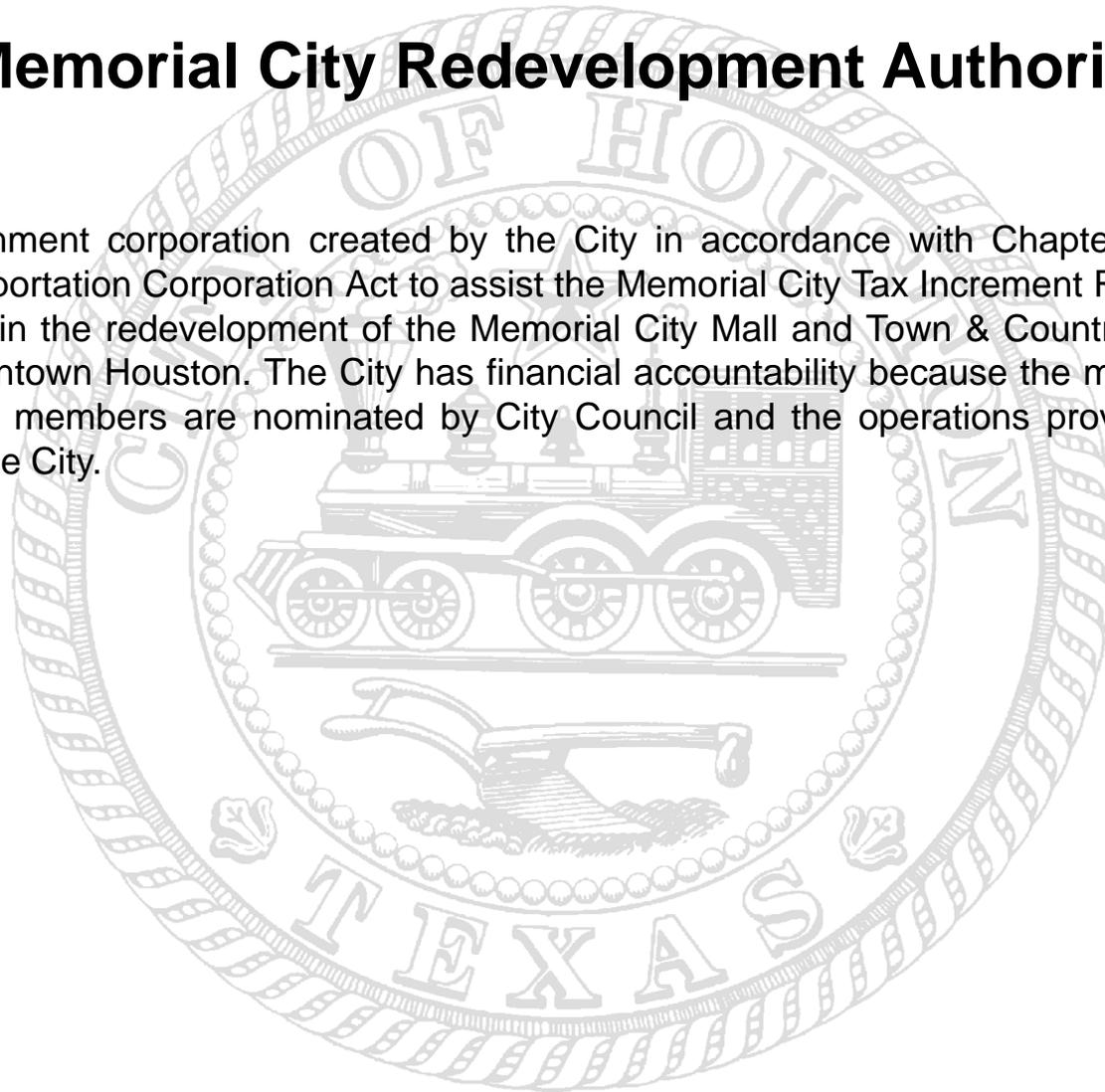
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1630</b>	<b>Hollyhurst</b>						
	TIRZ	3,000	2,000				5,000
	<b>Project Total</b>	3,000	2,000				5,000
<b>T-1632</b>	<b>Hidalgo</b>						
	TIRZ	200	1,800				2,000
	<b>Project Total</b>	200	1,800				2,000
<b>T-1633</b>	<b>Post Oak Boulevard Reconstruction</b>						
	TIRZ	24,000	14,000	5,000			43,000
	Grant	10,000	20,000	10,000			40,000
	<b>Project Total</b>	34,000	34,000	15,000			83,000
<b>T-1634</b>	<b>West Loop Transit Way</b>						
	TIRZ	500	6,000	6,000	7,000		19,500
	<b>Project Total</b>	500	6,000	6,000	7,000		19,500
<b>T-1635</b>	<b>Memorial Park</b>						
	TIRZ	1,850					1,850
	<b>Project Total</b>	1,850					1,850
<b>T-1635A</b>	<b>Memorial Park Connectivity Projects</b>						
	TIRZ	1,400	1,250				2,650
	<b>Project Total</b>	1,400	1,250				2,650
<b>T-1635B</b>	<b>Memorial Park Infrastructure Phase I</b>						
	TIRZ	4,750	3,750	2,000	3,000		13,500
	<b>Project Total</b>	4,750	3,750	2,000	3,000		13,500
<b>T-1636</b>	<b>Bellaire Uptown Transit Center</b>						
	TIRZ		300				300
	City Of Houston	7,800	7,500	3,800			19,100
	<b>Project Total</b>	7,800	7,800	3,800			19,400
<b>Total Appropriations:</b>		55,350	59,950	32,000	13,100		160,400

## Memorial City Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Memorial City Tax Increment Reinvestment Zone Board in the redevelopment of the Memorial City Mall and Town & Country Mall areas west of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1712</b>	<b>Bunker Hill South of IH 10 Mobility Improvements</b>						
	TIRZ		400				400
	<b>Project Total</b>		400				400
<b>T-1714</b>	<b>Frostwood Drive and Kingside Drainage</b>						
	TIRZ	200	2,120	2,045			4,365
	<b>Project Total</b>	200	2,120	2,045			4,365
<b>T-1715B</b>	<b>Barryknoll West Drainage Improvements</b>						
	TIRZ		1,600	1,550			3,150
	<b>Project Total</b>		1,600	1,550			3,150
<b>T-1725</b>	<b>Park and Green Space Improvements</b>						
	TIRZ	125	125	100			350
	<b>Project Total</b>	125	125	100			350
<b>T-1726</b>	<b>West Bough Roadway Improvements</b>						
	TIRZ		400	3,200			3,600
	<b>Project Total</b>		400	3,200			3,600
<b>T-1732A</b>	<b>N. Gessner Drainage and Mobility Improvements</b>						
	TIRZ	1,050					1,050
	<b>Project Total</b>	1,050					1,050
<b>T-1732B</b>	<b>N. Gessner Drainage and Mobility Improvements</b>						
	TIRZ	4,675	1,150				5,825
	<b>Project Total</b>	4,675	1,150				5,825
<b>T-1733A</b>	<b>N. Witte Drainage and Mobility Improvements</b>						
	TIRZ		250	1,280			1,530
	<b>Project Total</b>		250	1,280			1,530

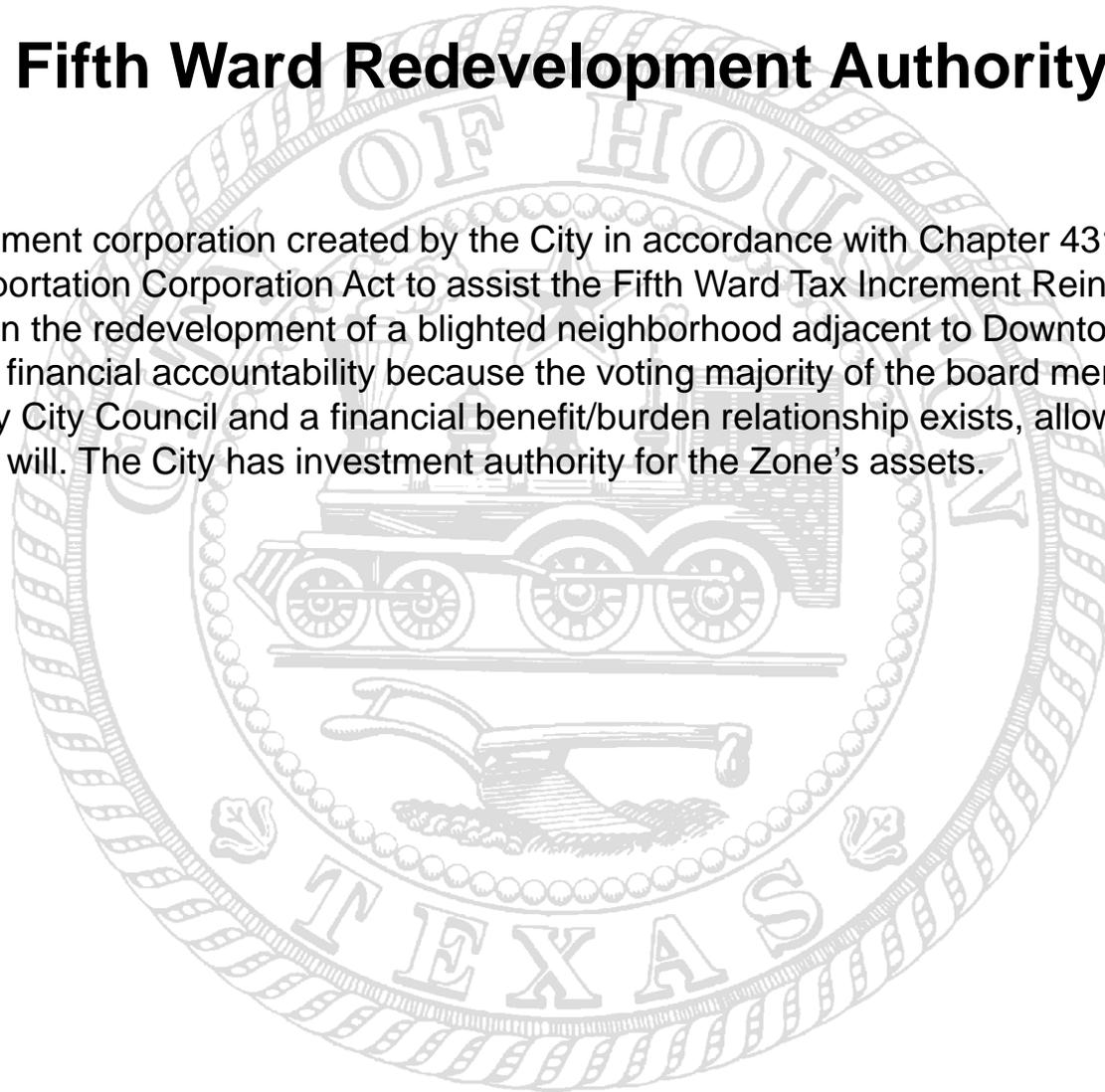
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-1733B</b>	<b>N. Witte Drainage and Mobility Improvements</b>						
	TIRZ			260			260
	<b>Project Total</b>			260			260
<b>T-1734</b>	<b>W140 Channel Improvements</b>						
	TIRZ	4,060					4,060
	<b>Project Total</b>	4,060					4,060
<b>T-1734B</b>	<b>Bunker Hill Bridge and Related Flood Mitigation Improvements</b>						
	TIRZ	1,540	2,000				3,540
	<b>Project Total</b>	1,540	2,000				3,540
<b>T-1735</b>	<b>Detention Basin - 245 acre feet proposed</b>						
	TIRZ	100	3,600	2,500			6,200
	<b>Project Total</b>	100	3,600	2,500			6,200
<b>T-1735A</b>	<b>Detention Basin A</b>						
	TIRZ	1,960					1,960
	<b>Project Total</b>	1,960					1,960
<b>T-1738A</b>	<b>Memorial Dr. Drainage &amp; Mobility Impro. Project - Phase 1</b>						
	TIRZ	3,000	5,525	2,500			11,025
	<b>Project Total</b>	3,000	5,525	2,500			11,025
	<b>Total Appropriations:</b>	16,710	17,170	13,435			47,315

## **Fifth Ward Redevelopment Authority**

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Fifth Ward Tax Increment Reinvestment Zone Board in the redevelopment of a blighted neighborhood adjacent to Downtown Houston. The City has financial accountability because the voting majority of the board members are nominated by City Council and a financial benefit/burden relationship exists, allowing the City to impose its will. The City has investment authority for the Zone's assets.



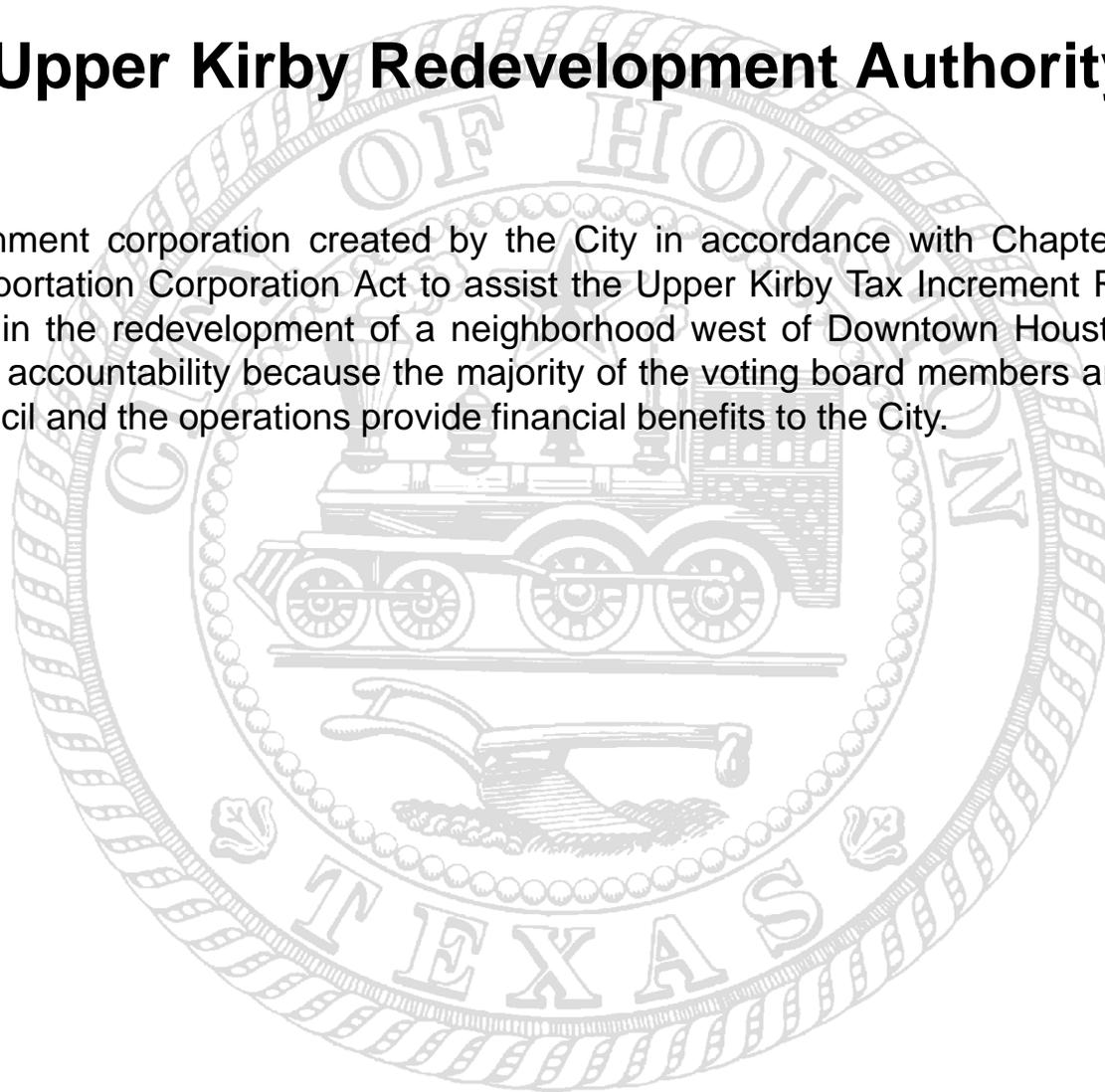
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1804	Fifth Ward Jam TIRZ						
	<b>Project Total</b>	25					25
	<b>Total</b>	25					25

## Upper Kirby Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Upper Kirby Tax Increment Reinvestment Zone Board in the redevelopment of a neighborhood west of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1903	Richmond/Weslayan Intersection Improvements						
	TIRZ				245		245
	<b>Project Total</b>				245		245
T-1907	Pedestrian Accessibility						
	TIRZ	10	10	10	10		40
	<b>Project Total</b>	10	10	10	10		40
T-1909	Kirby Dr. Improvements - San Felipe to Westheimer						
	TIRZ				10		10
	<b>Project Total</b>				10		10
T-1912A	Westheimer Drainage System Improvements						
	TIRZ	5,900	1,068				6,968
	City of Houston	200					200
	Grants	1,000	1,062				2,062
	<b>Project Total</b>	7,100	2,130				9,230
T-1914	Shepherd Drainage System Improvements						
	TIRZ	2,630	5,500	5,350			13,480
	Grants			1,000			1,000
	<b>Project Total</b>	2,630	5,500	6,350			14,480
T-1915	University Line Urban Corridor Improvements						
	TIRZ		20				20
	<b>Project Total</b>		20				20
T-1917	Upper Kirby Civic Complex						
	TIRZ	1,150					1,150
	<b>Project Total</b>	1,150					1,150
T-1918	Buffalo Speedway Improvements						
	TIRZ				10		10
	<b>Project Total</b>				10		10
T-1919	Westpark Improvements - Kirby to Edloe						
	TIRZ				10		10
	<b>Project Total</b>				10		10
T-1920	West Alabama Reconstruction						
	TIRZ	5	5	424	3,800		4,234
	Grant				100		100
	Other				1,200		1,200
	<b>Project Total</b>	5	5	424	5,100		5,534

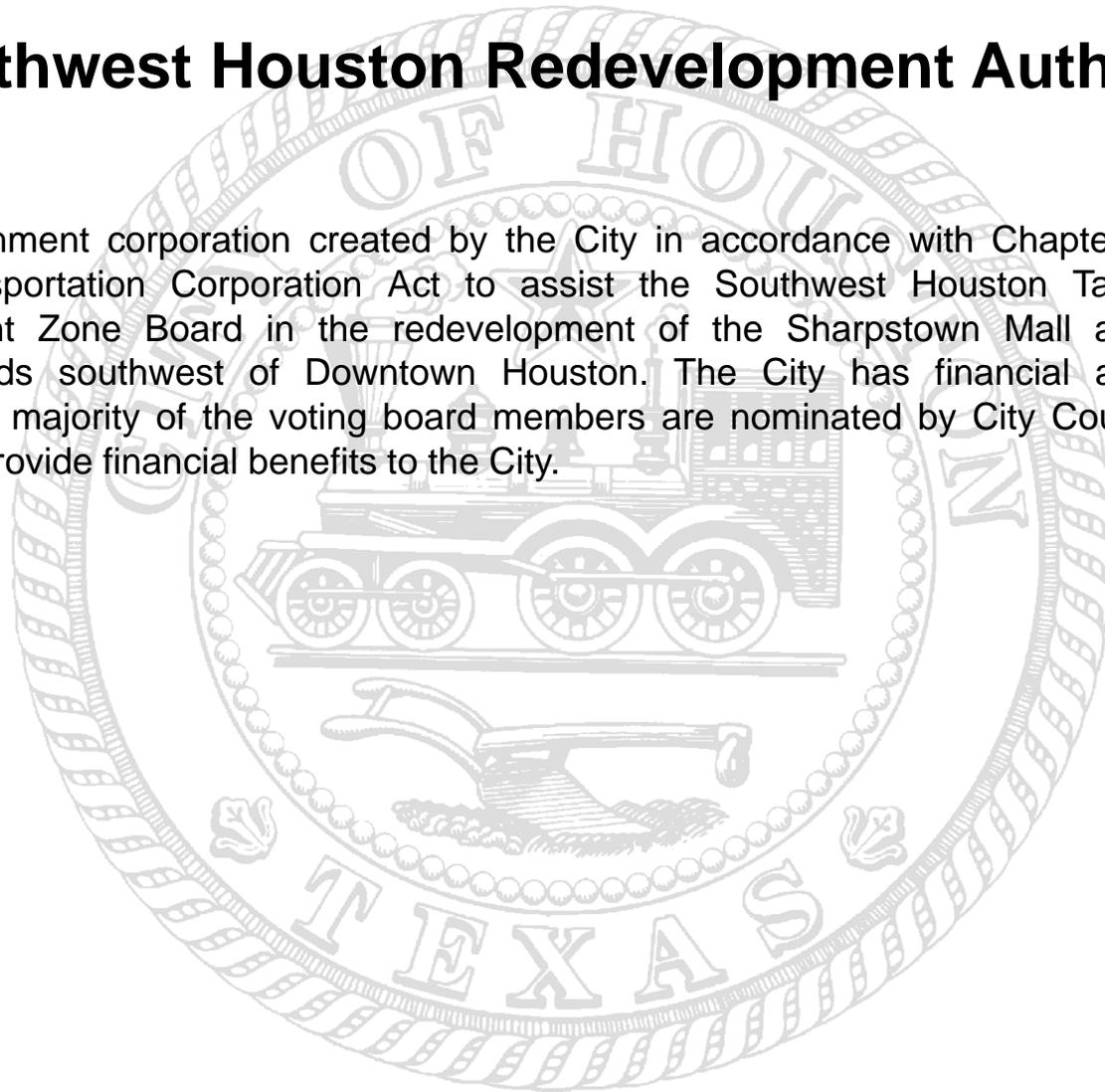
## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
T-1921	<b>Edloe Reconstruction</b>						
	TIRZ				10		10
	<b>Project Total</b>				10		10
T-1922	<b>Bissonnet Reconstruction</b>						
	TIRZ	1,210					1,210
	City Of Houston	200					200
	Grant	1,780					1,780
	<b>Project Total</b>	3,190					3,190
T-1923	<b>US 59 Underpass Improvements</b>						
	TIRZ				10		10
	<b>Project Total</b>				10		10
T-1924	<b>Eastside Reconstruction</b>						
	TIRZ	700					700
	<b>Project Total</b>	700					700
T-1925	<b>Public Art</b>						
	TIRZ	47	26	21	26		120
	<b>Project Total</b>	47	26	21	26		120
<b>Total Appropriations:</b>		14,852	7,671	6,805	5,431		34,759

## Southwest Houston Redevelopment Authority

Local government corporation created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist the Southwest Houston Tax Increment Reinvestment Zone Board in the redevelopment of the Sharpstown Mall and adjacent neighborhoods southwest of Downtown Houston. The City has financial accountability because the majority of the voting board members are nominated by City Council and the operations provide financial benefits to the City.



## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>T-2002</b>	<b>Fondren Access Management Mobility Improvements</b>						
	TIRZ				25,136		25,136
	<b>Project Total</b>				25,136		25,136
<b>T-2004</b>	<b>Land Acquisition</b>						
	TIRZ	2,506	6				2,512
	<b>Project Total</b>	2,506	6				2,512
<b>T-2007</b>	<b>Sharpstown Park</b>						
	TIRZ			1,000			1,000
	<b>Project Total</b>			1,000			1,000
<b>T-2008</b>	<b>Regional Hike and Bike Trails</b>						
	TIRZ		500	1,000			1,500
	<b>Project Total</b>		500	1,000			1,500
	<b>Total Appropriations:</b>	3,506	506	1,000	25,136		30,148

## **Houston Parks Board, Inc.**

Solicits and manages funds raised privately for park acquisitions and improvements on behalf of Houston Parks Board LGC., Inc. which provide a direct benefit to the City. Board members are nominated by the Mayor and confirmed by City Council, allowing the City to impose its will. Upon dissolution, all assets revert to the City. There is a potential that exclusion would result in misleading financial reporting.



## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>Houston Bayou Greenways (See Parks F-BG2020 to F-BGWoba)</b>							
	Bond Funds	14,066	17,497	27,598	3,444		62,605
	Other Funds	29,307	11,347	14,849	32,236		87,739
	<b>Project Total</b>	43,373	28,844	42,447	35,680		150,344
<b>Houston Amateur Sports Park (HASP) (See Parks F-000817)</b>							
	Bond Funds	4,036					4,036
	Other Funds	1,836					1,836
	<b>Project Total</b>	5,872					5,872
	<b>Total</b>	49,245	28,844	42,447	35,680		156,216

## **Houston First Corporation (formerly Houston Convention Center Hotel Corporation)**

On June 1, 2011, City of Houston City Council (“City Council”) approved the consolidation of the City’s Convention & Entertainment Facilities Department (“Department”) into the Hotel Corporation (“Consolidation”), effective July 1, 2011, in order to improve the coordination of the City’s convention and entertainment services by bringing various entities responsible for generating and spending City hotel occupancy tax (HOT) revenues under one governing body. In connection with the Consolidation, the Hotel Corporation reconstituted and renamed itself as “Houston First Corporation,” and Houston First Corporation assumed the primary roles and responsibilities of the Department. To accomplish this, the Hotel Corporation amended its bylaws and articles of incorporation to broaden its authority to accomplish its expanded duties and responsibilities.

## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>Leased Facilities Projects</b>							
	Houston First Funds	9,355	10,266	11,403	4,199	6,639	41,862
	<b>Project Total</b>	9,355	10,266	11,403	4,199	6,639	41,862
<b>Hilton Americas Houston Projects</b>							
	Houston First Funds	6,330	20,777	10,159	6,967	3,610	47,843
	<b>Project Total</b>	6,330	20,777	10,159	6,967	3,610	47,843
<b>Convention District Projects</b>							
	Houston First Funds	7,736					7,736
	<b>Project Total</b>	7,736					7,736
	<b>Total Appropriations:</b>	23,421	31,043	21,562	11,166	10,249	97,441

## **Houston Zoo, Inc.**

Houston Zoo, Inc. (HZI) is a 501(c)(3) corporation and has a contract with Houston Zoo Development Corp to operate the Zoo. The Mayor may appoint up to 20% of the Board of Directors of HZI. Houston Zoo Development Corporation (HZDC) is a local government corporation that leases the zoo from the City. The lease provides for the City to make payments in support of capital and operating expenses over the lease term, which it makes available to HZI. There is a fiscal dependency on the City, and there is the potential that exclusion would result in misleading financial reporting.

## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
	<b>Elephant Habitat _ Phase 3</b>						
	Zoo Capital Funds	5,400	6,000				11,400
	<b>Project Total</b>	5,400	6,000				11,400
	<b>Pantanal Exhibit</b>						
	Zoo Capital Funds		200	5,000			5,200
	<b>Project Total</b>		200	5,000			5,200
	<b>Site Lighting Throughout Zoo</b>						
	Zoo Capital Funds	250	250	250			750
	<b>Project Total</b>	250	250	250			750
	<b>Side Walks Throughout Zoo</b>						
	Zoo Capital Funds	150	150	150			450
	<b>Project Total</b>	150	150	150			450
	<b>Wortham World of Primates Exhibit Renovation</b>						
	Zoo Capital Funds		1,000	1,000			2,000
	<b>Project Total</b>		1,000	1,000			2,000
	<b>Bear Exhibit</b>						
	Zoo Capital Funds	550					550
	<b>Project Total</b>	550					550
	<b>Veterinary Hospital</b>						
	Zoo Capital Funds	4,300	3,300				7,600
	<b>Project Total</b>	4,300	3,300				7,600
	<b>New Water Play Area</b>						
	Zoo Capital Funds		2,200				2,200
	<b>Project Total</b>		2,200				2,200
	<b>Galapagos Exhibit</b>						
	Zoo Capital Funds	750		15,000			15,750
	<b>Project Total</b>	750		15,000			15,750
	<b>BEC Renovation</b>						
	Zoo Capital Funds	500					500
	<b>Project Total</b>	500					500

## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>New Event Space at Cypress Circle</b>							
	Zoo Capital Funds			2,250			2,250
	<b>Project Total</b>			2,250			2,250
<b>Water/Wastewater Infrastructure Repairs</b>							
	Zoo Capital Funds	1,100	1,100	1,100			3,300
	<b>Project Total</b>	1,100	1,100	1,100			3,300
<b>Reflection Pond Upgrade</b>							
	Zoo Capital Funds		1,100				1,100
	<b>Project Total</b>		1,100				1,100
<b>Natural Encounter Improvements</b>							
	Zoo Capital Funds	800					800
	<b>Project Total</b>	800					800
<b>Cypress Circle Facility &amp; Pond Renovation</b>							
	Zoo Capital Funds		2,700				2,700
	<b>Project Total</b>		2,700				2,700
<b>Children's Zoo Exhibits</b>							
	Zoo Capital Funds	800	800	800			2,400
	<b>Project Total</b>	800	800	800			2,400
<b>Children's Zoo Handling Animal Facility</b>							
	Zoo Capital Funds	550					550
	<b>Project Total</b>	550					550
<b>New Restaurant</b>							
	Zoo Capital Funds	1,000		2,000			3,000
	<b>Project Total</b>	1,000		2,000			3,000
<b>New Recycle Center</b>							
	Zoo Capital Funds		300	300			600
	<b>Project Total</b>		300	300			600

## Component Unit - Summary of Funds

### 2017-2021 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Appropriations					2017-2021
		2017	2018	2019	2020	2021	
<b>Renovation to Main Entry Area</b>							
	Zoo Capital Funds		100	2,000			2,100
	<b>Project Total</b>		100	2,000			2,100
<b>Develop Perimeter Road Inside Zoo</b>							
	Zoo Capital Funds		1,700				1,700
	<b>Project Total</b>		1,700				1,700
<b>Zoo Central Guest Path</b>							
	Zoo Capital Funds		800				800
	<b>Project Total</b>		800				800
<b>Relocate Fisher Bird Garden</b>							
	Zoo Capital Funds	100	2,500				2,600
	<b>Project Total</b>	100	2,500				2,600
<b>High Voltage Upgrade</b>							
	Zoo Capital Funds	250	250	250			750
	<b>Project Total</b>	250	250	250			750
<b>Mesh Replacement</b>							
	Zoo Capital Funds	250	250	250			750
	<b>Project Total</b>	250	250	250			750
<b>Orangutan Renovation</b>							
	Zoo Capital Funds		200	4,000			4,200
	<b>Project Total</b>		200	4,000			4,200
<b>Employee Parking</b>							
	Zoo Capital Funds	175	5,000				5,175
	<b>Project Total</b>	175	5,000				5,175
<b>Upgrade Commerical Kitchen &amp; Food/Gift Shop Storage Space</b>							
	Zoo Capital Funds		1,000				1,000
	<b>Project Total</b>		1,000				1,000
	<b>Total</b>	16,925	30,900	34,350			82,175



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