2020-2024

FISCAL YEAR

PROPOSED CAPITAL IMPROVEMENT PLAN

Executive Summary

CITY OF HOUSTON

SYLVESTER TURNER
Mayor

ACKNOWLEDGEMENTS

Finance Department

Tantri Erlinawati-Emo, Chief Business Officer/Director of Finance

Melissa Dubowski, Assistant Director

Houston Public Works

Carol Haddock, Director

Michael Ereti, Deputy Director

General Services Department

Clyde J. Messiah, Director

Richard Vella, Assistant Director

Houston Airport System

Mario Diaz, Director

Department CIP Coordinators and Support Staff

Lisa Johnson, General Services
Clifford Perry, General Services
Stephen Chamberlain, Library
Alpna (Simmi) Khana, Airport
Charlie Lee, Solid Waste
Joanne Song, Solid Waste
David Wurdlow, Public Works
Mark Board, Public Works
Steven Coyle, Public Works
Al Owens, Fleet Management
Kristian Harper, Fleet Management
Chief Ruy Lozano, Fire
LaDonna Weems, Information Technology
Ronald Headley, Information Technology
Christine Pham, Information Technology
Calvin Curtis, General Services
James Reddington, General Services
James Hudkins, Police
Larry Jaskolka, Police
Chief Matt Slinkard, Police
Claudette Manning, Health
Margaret Colligan, Housing
Mary Itz, Housing

Treasury and Capital Management Division, Finance Department

Jaime Alvarez Viviaan Alba-Cruz Christopher Gonzales Fahad Gulzar Marnita Holligan Elvira Ontiveros Elizabeth Sosa

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CITY OF HOUSTON
ELECTED OFFICIALS

Sylvester Turner	Mayor
Chris B. Brown	City Controller
Brenda Stardig	District A
Jerry Davis	District B
Ellen R. Cohen	District C
Dwight A. Boykins	District D
Dave Martin	District E
Steve Le	District F
Greg Travis	District G
Karla Cisneros	District H
Robert Gallegos	District I
Mike Laster	District J
Martha Castex-Tatum	District K
Mike Knox	At Large Position 1
David W. Robinson	At Large Position 2
Michael Kubosh	At Large Position 3
Amanda K. Edwards	At Large Position 4
Jack Christie, D.C.	At Large Position 5

CITY OF HOUSTON
DEPARTMENT DIRECTORS

Departments	Directors
Administration and Regulatory Affairs	Tina Paez
Aviation	Mario C. Diaz
City Secretary	Anna Russell
Finance	Tantri Erlinawati-Emo
Fire	Samuel Pena
Fleet Management	Victor Ayres
General Services	Clyde J. Messiah
Houston Health Department	Stephen L. Williams
Housing and Community Development	Tom McCasland
Houston Emergency Center	David F. Cutler
Human Resources	Jane Cheeks
Information Technology	Lisa Kent
Legal	Ronald Lewis
Library	Rhea Brown Lawson
Municipal Courts	J. Elaine Marshall
Neighborhoods	TaKasha L. Francis
Office of Business Opportunity	Carlecia Wright
Parks & Recreation	Stephen Wright
Planning & Development	Margaret Wallace Brown (Interim)
Police	Art Acevedo
Houston Public Works	Carol Haddock
Solid Waste Management	Harry Hayes

Abstract

The Fiscal Year 2020 - 2024 Capital Improvement Plan (CIP) is a forward - looking document outlining the City of Houston's infrastructure improvement strategy. This plan organizes projects by priority, project capacity and timing constraints and identifies funding sources for all anticipated projects. This organization creates a realistic plan to address the current and expected infrastructure needs of Houston that are subject to resource constraints.

The Executive Summary book is organized by department. Each section provides a summary of funding sources (Form D), and an expanded list of funding sources by project (Form C). Departments that have projects that are related to other departments will also include a "Form R" located behind Form Cs. For example, the HPD Body Cameras project is located in the Information Technology section because of its technological element but referenced on the Houston Police Department's Form R because HPD is the requesting department.

For each project identified in the Form C, a detail page (Form A) is provided in the separate Capital Project Profiles Book in project number order. The Form A provides specific information for each project including description, justification, and location.

EXECUTIVE SUMMARY

The Capital Improvement Plan is vital to our City. It is a plan for physical improvements to public facilities and infrastructure throughout Houston. The underlying motive behind these programs is to improve safety, mobility, and lifestyles of Houstonians, and in turn to have a positive impact on the local economy. Recognition of this importance prompted City Council in November 1983 to establish the five-year capital improvement planning process. By resolution, it became City policy to engage in a continuous process that includes annual review, revision, and adoption of a five year Capital Improvement Plan. Public meetings are also held annually in each City Council District to provide citizens an opportunity to comment on the process and recommend projects to be included in the plan.

The five-year CIP is revised annually to include new projects, reflect changes in priorities, and extend the plan an additional year. The first year of the plan is the City's current fiscal year, which runs from July 1, 2019 through June 30, 2020. The plan is adjusted throughout the year as needs dictate or when changes are made to existing approved projects. This year's CIP continues the Administration's priorities of rehabilitation and replacement of the City's existing infrastructure. The current Proposed CIP can be viewed online at http://houstontx.gov/cip.

Major CIP Components:

- Public Improvement Program (PIP)
  General Fund departments including Bayou Greenways, Fire, General Government, Housing, Library, Parks, Police, Public Health, and Solid Waste.
- Build Houston Forward (Rebuild Houston)
  Storm Drainage and Street & Traffic
- Enterprise Funds
  Combined Utility System (Wastewater and Water) and Aviation.
- Component Units
  Legally separate organizations from the City that are financially closely related.

Major Funding Sources:

- Public Improvement Program (PIP)
  - General Fund supported debt (Public Improvement Bonds)
  - Other community donations, contributions and grants
- Build Houston Forward (Rebuild Houston)
  - Revenue from Drainage Utility Fee & Developer Impact Fee
  - Other governmental entities such as METRO and TxDOT
- Enterprise Fund Program
  - CUS revenues derived from water customers, grants, etc.
  - HAS revenues derived from airlines, parking fees, FAA grants, etc.
  - Revenues may fund projects directly or support associated debt
- Component Units
  - Tax Increments, Private donations

EXECUTIVE SUMMARY

FY2020 Capital Improvement Plan projects total $3.2 billion from all funding sources.

- Enterprise Programs total $2.6 billion including Build Houston Forward (ReBuild Houston)
- Public Improvement Programs total $270 million
- Component Units total $326 million

Plan Comparison ($ millions)	FY19		FY20	
Public Improvement Program*	242	9%	270	8%
Build Houston Forward (ReBuild Houston)	276	10%	348	11%
Combined Utility System	1,268	48%	1,801	56%
Houston Airport System	557	21%	448	14%
Component Units**	332	12%	326	10%
TOTAL	**2,675**	**100%**	**3,193**	**100%**

*Includes Citywide Programs such as Information Technology, Fleet, and Equipment.
**Net of overlap with Public Improvement Programs and Street and Traffic *Note:*

Total may not add due to rounding

All Funding Sources

Fiscal Year Planned Appropriations ($ Thousands)

	2020	2021	2022	2023	2024	2020-2024
Public Improvement Programs						
Bayou Greenways	59,503	-	-	-	-	59,503
Fire	6,678	22,141	5,466	6,225	10,697	51,207
General Government	35,040	18,781	20,924	16,633	4,598	95,976
Health	25,598	12,908	5,200	9,934	14,532	68,172
Homeless & Housing	880	880	880	880	880	4,400
Library	16,753	7,081	1,581	830	2,775	29,020
Parks and Recreation	24,298	8,583	20,395	16,743	30,051	100,071
Police	17,403	45,560	6,479	7,570	5,495	82,507
Solid Waste Management	10,788	2,177	1,456	1,609	1,136	17,165
Subtotal	**196,939**	**118,111**	**62,382**	**60,425**	**70,164**	**508,021**
Enterprise Programs						
Aviation Facilities	448,248	1,031,857	457,663	36,237	87,162	2,061,167
Storm Drainage System	180,301	136,721	143,702	141,577	63,281	665,582
Street & Traffic Control	167,867	157,165	145,097	105,487	68,052	643,669
Wastewater	318,975	273,517	193,603	211,372	176,706	1,174,173
Water	1,481,890	472,503	652,765	185,407	183,210	2,975,774
Subtotal	**2,597,280**	**2,071,764**	**1,592,830**	**680,081**	**578,411**	**7,520,365**
Citywide Programs						
Technology	18,497	7,706	7,825	8,530	6,300	48,858
Fleet	54,966	33,547	35,948	36,258	36,932	197,652
Subtotal	**73,463**	**41,253**	**43,773**	**44,788**	**43,232**	**246,510**
City Programs Total	**2,867,683**	**2,231,128**	**1,698,985**	**785,294**	**691,807**	**8,274,896**
Component Units	**395,842**	**305,169**	**172,072**	**222,547**	**24,861**	**1,120,491**
Overlap Between Component Units and Public Improvement Programs/Enterprise Programs	(70,269)	(16,443)	(1,000)	(2,300)	-	(90,012)
Grand Total	**3,193,256**	**2,519,854**	**1,870,057**	**1,005,541**	**716,668**	**9,305,375**

General Obligation Bond Summary

Fiscal Year Planned Appropriations ($ Thousands)

	2020	2021	2022	2023	2024	2020-2024	Leverage of Non-Debt Funding
Public Improvement Programs							
Bayou Greenways	16,882	-	-	-	-	16,882	72%
Fire	6,678	22,141	5,466	6,225	10,697	51,207	0%
General Government *	23,528	18,781	10,604	9,753	4,598	67,264	30%
Health	25,598	12,908	5,200	9,934	14,532	68,172	0%
Homeless & Housing	880	880	880	880	880	4,400	0%
Library	16,753	7,081	1,581	830	2,775	29,020	0%
Parks and Recreation	14,450	6,483	7,395	15,542	30,051	73,922	26%
Police	17,383	34,840	6,459	7,550	5,475	71,707	13%
Solid Waste Management	10,788	2,177	1,456	1,609	1,136	17,165	0%
Subtotal	**132,940**	**105,291**	**39,042**	**52,324**	**70,144**	**399,740**	**21%**
Citywide Programs							
Technology	14,962	7,706	7,825	8,530	6,300	45,323	7%
Fleet	29,187	29,926	30,935	32,044	32,716	154,808	22%
Subtotal	**44,149**	**37,632**	**38,760**	**40,574**	**39,016**	**200,131**	**19%**
Total	**177,089**	**142,923**	**77,802**	**92,898**	**109,160**	**599,871**	
Projects with a Dedicated Funding Source for Debt Service *	(2,000)	-	-	-	-	(2,000)	
Grand Total	**175,089**	**142,923**	**77,802**	**92,898**	**109,160**	**597,871**	
Principal Payable from Ad Valorem Taxes on Existing Debt	**227,454**	**237,379**	**227,529**	**216,089**	**205,174**	**1,113,626**	
Net Increase (Decrease) to Outstanding Debt	**(52,366)**	**(94,456)**	**(149,728)**	**(123,191)**	**(96,014)**	**(515,755)**	

* 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.

FISCAL YEAR 2020-2024 CAPITAL IMPROVEMENT PLAN

All Funding Sources by Fund

Fiscal Year Planned Appropriations ($ Thousands)

Source of Funds	2020	2021	2022	2023	2024	2020-2024
1001 - Project Cost Recovery	269					**269**
1011 - Workers Compensation Admin Fund	80	80	64	40	80	**344**
1800 - Equipment Acquisition Consolidated Fund	27,868	24,291	22,611	27,760	18,853	**121,383**
1801 - Dangerous Building Consolidated Fund	1,350	1,000	2,000			**4,350**
1850 - Reimbursement of Equipment/Projects Fund	2,000					**2,000**
2002 - Health Special Revenue	525	70	70	70		**735**
2009 - Swimming Pool Safety		70	70	70		**210**
2100 - Park Special Revenue Fund	32	45	32	45	32	**185**
2106 - Bayou Greenway 2020	221	45	222	45	222	**754**
2301 - Building Inspection Fund	12,849	371	10,733	7,436	571	**31,961**
2302 - Stormwater Fund	2,973		95	67		**3,136**
2310 - Dedicated Drainage & Street Renewal	4,691					**4,691**
2402 - Greater Houston Trans & Emer Center	7					**7**
2423 - Special Waste Transportation & Inspect		70	105	70		**245**
2425 - Woodlands Regional Participation	1,651					**1,651**
4035 - Parks & Recreation Dedication Fund	451	100				**551**
4039 - Misc Cap. Projects/Acquisitions CP Ser E	37,631	52,120	3,752	1,236		**94,739**
4040A - Metro Construction - Other	10,311	3,295	3,336	3,292	3,292	**23,526**
4040 - METRO Projects Construction - DDSRF	59,802	51,606	49,559	49,578	50,178	**260,724**
4042 - Street & Trfc Control & Strm Drain DDSRF	232,645	197,062	202,312	183,194	66,863	**882,076**
4500 - Fire Consolidated Construction Fund	8,316	18,700	12,477	13,804	19,152	**72,449**
4501 - Homeless & Housing Consolidated Fund	880	880	880	880	880	**4,400**
4502 - Parks Consolidated Construction Fund	27,691	6,483	7,395	15,542	30,051	**87,163**
4503 - Solid Waste Consolidated Construction Fd	10,127	1,604	1,157	754	571	**14,213**
4504 - Police Consolidated Construction Fund	17,275	22,237	16,434	17,820	17,183	**90,949**
4507 - Public Library Consolidated Constr Fund	15,419	4,593	1,384	830	2,775	**25,001**
4508 - Public Health Consolidated Constr Fund	24,112	8,906	4,888	9,395	13,993	**61,294**
4509 - General Improvement Consol Constr Fd	4,420	2,109	4,824	3,167	1,000	**15,520**
4510 - Contribution for Capital Projects		3,600				**3,600**
5000 - Federal Government - Grant Funded	34,409	10,000	10,000	51,400	10,000	**115,809**
5010 - State - Grant Funded	1,000					**1,000**
5030 - Federal State Local - Pass Through Fund	671		9,000			**9,671**
5040 - Other Government - Grant Funded	147		3,000			**3,147**
5430 - Federal State Local - HPW Pass thru DDSR	11,000	28,324	23,591	1,000	1,000	**64,915**

FISCAL YEAR 2020-2024 CAPITAL IMPROVEMENT PLAN

All Funding Sources by Fund

Fiscal Year Planned Appropriations ($ Thousands)

Source of Funds	2020	2021	2022	2023	2024	2020-2024
8000 - HAS-Grants	23,122	14,767	26,000	1,386	18,179	**83,454**
8010 - HAS-Renewal & Replacement	9,926		603	1,821	26,412	**38,762**
8011 - HAS-Airports Improvement	216,886	157,018	83,272	33,030	35,255	**525,461**
8012 - HAS-AIF Capital Outlay	10,282	2,316	3,442	2,701	3,171	**21,913**
8305 - HPW-Combined Utility System Gen Pur Fund	7,998	433	412	421		**9,264**
8319 - HPW-W & S Contributed CAP	2,960					**2,960**
8500 - HPW-W&S Syst Consolidated Constr Fd	707,688	472,867	526,598	355,379	359,916	**2,422,448**
8505 - Water Authorities Capital Contrib-NEWPP	733,233	148,282	319,770			**1,201,285**
8506 - HPW-NEWPP Construction Fund	185,960					**185,960**
8507 Water Auth NETL	107,191					**107,191**
8508 HPW NETL Constr	63,832					**63,832**
8509 Water Auth SETL		106,618				**106,618**
8510 HPW SETL Constr		18,254				**18,254**
8700 - Parking Management Operating Fund	184	122	88	130	140	**664**
9002 - Fleet/Equipment Special Revenue	691					**691**
Frds Of Lee LeClear	2,000	1,000				**3,000**
Future Bond Election				1,709	4,702	**6,411**
Grants	20	20	20	20	20	**100**
Houston First Corporation	42,886	33,427	20,665	7,642	24,861	**129,481**
Houston Zoo, Inc.	60,600	57,450	27,400			**145,450**
HPB Fundraising	42,620					**42,620**
OTHER	26,427	141,300			7,316	**175,043**
Private Funding	3,450					**3,450**
Proposed HGAC				201		**201**
REV BONDS/CP	171,887	543,772	347,788			**1,063,447**
Spec. Fac. Rev. Bond		175,000				**175,000**
TIRZ01	2,705	6,002	920	5,620		**15,247**
TIRZ01 Grants	1,300	12,300		18,000		**31,600**
TIRZ01 Other	2,700					**2,700**
TIRZ02	28,563	22,226	5,241			**56,030**
TIRZ02 Bonds	800					**800**
TIRZ03	21,210	7,960	18,460	16,960		**64,590**
TIRZ05	2,650	13,330	8,018	12,000		**35,998**
TIRZ05 Grants	810	26,400		32,700		**59,910**

FISCAL YEAR 2020-2024 CAPITAL IMPROVEMENT PLAN

All Funding Sources by Fund

Fiscal Year Planned Appropriations ($ Thousands)

Source of Funds	2020	2021	2022	2023	2024	2020-2024
TIRZ07	28,139	11,883	3,584	8,552		**52,159**
TIRZ07 Grants		3,729	11,252	29,692		**44,672**
TIRZ08	5,350	1,050	550	550		**7,500**
TIRZ09	3,619	2,275	1,600	50		**7,544**
TIRZ10	26,259	2,304	7,746	15,649		**51,957**
TIRZ10 Grants				31,199		**31,199**
TIRZ11	1,150	13,675	7,740	3,205		**25,770**
TIRZ13	957	913	1,321	1,043		**4,234**
TIRZ14	5,795	2,550	2,750	1,500		**12,595**
TIRZ15	8,151	3,974	3,431	2,139		**17,694**
TIRZ16	25,975	26,185	17,600	11,166		**80,926**
TIRZ17	29,035	10,735	2,785			**42,555**
TIRZ17 Grants		7,200				**7,200**
TIRZ18	665	640	200			**1,505**
TIRZ19	11,560	3,020	1,260	2,630		**18,470**
TIRZ19 Grants				2,800		**2,800**
TIRZ19 Other	3,500	12,200	19,500	17,100		**52,300**
TIRZ20	10,180	17,049	9,200	1,000		**37,429**
TIRZ20 Grants		800	800			**1,600**
TIRZ23	1,064	650	50	50		**1,814**
TIRZ25	450	500				**950**
Grand Total:	**3,193,256**	**2,519,853**	**1,870,057**	**1,005,541**	**716,668**	**9,305,375**

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Supplementary Information

Financial Policies

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Financial Policies

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). New policies were adopted by Ordinance No. 2014-1078 in December 2014, and were subsequently amended by Ordinance No. 2015-0514 to include provisions regarding pay-as-you-go funding in June 2015. The most recent update was adopted by City Council (Ordinance 2018-0390) in May 2018.

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.

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.

B. General Policies

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; beginning in FY2020, there shall be a statement explaining why the City is, or is not, in compliance with said policy. Where the City is not in compliance, the statement shall also include a plan for how the City will achieve compliance.
   In Compliance

H. Capital Asset Management Policies

As part of the financial policies for the City of Houston (adopted in December 2014 with Ordinance 2014-1078 and amended in May 2018 by Ordinance 2018-0390), 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. ***In Compliance***

   The Fiscal Year 2019-2023 Capital Improvement Plan was adopted by City Council on June 27, 2018. This statement will be updated for the Fiscal Year 2020-2024 Capital Improvement Plan and reflected in the Adopted publication.

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***

   All listed capital projects have an identified funding source.

3. A five-year operating budget impact projection for all projects shall be reported in the CIP. ***In Compliance***
   The Fiscal Year 2019-2023 Adopted Capital Improvement Plan includes all departments' operational impacts referring to the personnel, supplies, services, equipment, and non-capital cost identified as a required need within a capital project. See the Operational & Maintenance Section. This statement will be updated for the Fiscal Year 2020-2024 Capital Improvement Plan and reflected in the Adopted publication.

4. 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. ***In Compliance***

   Effective with the first City Council meeting of Fiscal Year 2017, all CIP-related Requests for Council Action coming before City Council for consideration include a Fiscal Note.

5. Beginning in FY2019, over the five-year CIP, an average of 2% of the Current Replacement Value of all General Fund facilities shall be included for capital maintenance in each fiscal year of the CIP and every CIP thereafter. Such funds may be used on any owned General Fund facility. ***In Compliance***

Table 1. Capital Maintenance and Current Replacement Value (CRV)

Capital Maintenance Projects	($ Thousands)	% of Total CRV **
FY2020*	85,704	3.5%
FY2021*	79,720	3.2%
FY2022*	21,901	0.9%
FY2023*	23,015	0.9%
FY2024*	45,843	1.9%
Annual Average	**51,111**	**2.1%**

*See Table 2 for further details.
**Planned appropriations on capital maintenance projects above 2.0% will help reduce existing deferred maintenance. CRV is $2,458,846,255 and is based on 2019 Property Insurance Schedule plus 20% for utility and dirt work not included in asset values for insurance purposes.

Table 2. General Government Capital Maintenance Projects
All Funding Sources
FISCAL YEAR 2020-2024 PROPOSED CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
C-000181	Fire Station 40 Replacement	-	-	-	901	1,448	2,349
C-000185	Environmental Remediation	100	100	200	200	200	800
C-000196	Fire Station 16 Renovation	52	1,494	-	-	-	1,546
C-000200	Fire Station 64 Renovation	53	1,763	-	-	-	1,816
C-000201	Fire Station 70 Renovation	-	-	-	55	1,391	1,446
C-000217	HVAC Replacements	550	550	550	550	-	2,200
C-000219	Fire Station 80 Foundation	-	696	-	-	-	696
C-000220	Fire Facilities Roof Replacements	1,000	1,000	1,000	1,000	1,000	5,000
C-000221	Fire Station 65 Renovation	-	-	-	54	1,629	1,683
C-000222	Fire Station 80 Renovation	-	-	-	56	1,620	1,676
C-HARVEY	HFD HARVEY Restoration Projects	1,514	10,360	-	-	-	11,874
D-000073	Environmental Remediation	50	50	50	50	50	250
D-000166	City Hall Annex - Garage Waterproofing	-	-	765	-	-	765
D-000174	City Hall - Drinking Fountains	-	-	319	-	-	319
D-000181	City Hall - Structure Repairs	1,488	-	-	-	-	1,488
D-000184	City Hall – Replacement of Roof	823	-	-	-	-	823
D-000191	City Hall - Restore Elevator Cabs	-	-	984	-	-	984
D-000193	City Hall- Replace TV Lights and Ceiling	-	-	-	285	-	285
D-000206	City Hall - Exterior Waterproofing	-	-	-	155	1,200	1,355
D-000214	City Hall Annex - Renovate Water System	-	-	777	56	-	833
D-000215	City Hall Annex - Replace Sanitary Line	-	-	983	22	-	1,005
D-000216	City Hall - Replace Sanitary Line	-	-	-	106	-	106
D-000218	City Hall - Fire Alarm and PA System	-	-	-	1,199	-	1,199

Table 2. General Government Capital Maintenance Projects
All Funding Sources
FISCAL YEAR 2020-2024 PROPOSED CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
D-000219	City Hall - Renovate Water System	-	-	1,189	56	-	1,245
D-000220	City Hall Annex - Fire Alarm and PA Sys	-	-	-	1,540	-	1,540
D-000223	HVAC Replacements	154	400	600	870	-	2,024
D-000224	Roof Replacements	500	-	1,759	721	1,000	3,980
D-160003	Renovation of MCD space	-	-	-	1,030	-	1,030
D-650006	BARC Sanitary Line Replacement	-	-	-	633	-	633
D-650007	BARC Warehouse Replacement	-	-	-	103	1,693	1,796
D-HARVEY	GG HARVEY Restoration Projects	15,604	15,272	-	-	-	30,876
E-000163	Environmental Remediation	50	50	-	-	50	150
E-000236	HVAC Replacements	-	-	-	-	350	350
E-000238	New Midtown (Montrose Replacement)	407	4,213	-	-	-	4,620
E-000242	Roof Replacements & Envelope	500	500	500	500	500	2,500
E-000246	HPL - JIB Structural Repairs Phase 1	275	-	-	-	-	275
E-000262	New Westbury Library	14,357	-	-	-	-	14,357
E-HARVEY	HPL HARVEY Restoration Projects	834	1,988	-	-	-	2,822
F-000509	Environmental Remediation	350	350	325	350	350	1,725
F-000640	Pavilion Replacements	-	-	-	42	1,760	1,802
F-000710	Parks Facilities Roof Replacements	327	1,407	320	320	320	2,695
F-000783	Sharpstown Pool Replacement and Bldg			1,000	1,000	-	2,000
F-000784	Lee LeClear Tennis Center Improvement	2,500	2,000	-	-	-	4,500
F-000785	Edgewood Park Community Center	711	-	-	866	6,100	7,677
F-000848	Friendship Pavilion	-	-	682	-	-	682
F-000849	Restroom Building Upgrades	200	106	371	-	-	677
F-000861	Delce Pavilion Replacement	-	-	-	134	1,197	1,331
F-000863	Bricker Pavilion Renovation	-	-	-	110	1,300	1,410
F-000864	Bissonnet Maintenance Facility	-	-	53	325	2,000	2,378
F-000865	Finnigan Pavilion Replacement	-	-	-	164	2,000	2,164
F-000866	Agnes Moffitt Park Pavilion Renovation	-	-	-	176	1,525	1,701
F-000876	Brock Park Clubhouse – Force Main	450	-	-	-	-	450
F-000878	Independence Heights Roof Replacement	45	175	-	-	-	220
F-000880	Mason Park Roof Replacement	80	409	-	-	569	1,058
F-HARVEY	PRD HARVEY Restoration Projects	4,292	-	-	-	-	4,292
G-000128	Roof Replacement-Various HPD Facilities	2,000	2,000	2,000	2,000	2,000	10,000
G-000144	Environmental Remediation	150	150	150	150	234	834
G-000150	Police Academy Improvements	-	-	1,108	808	-	1,916
G-000162	Mounted Patrol Site Improvements	-	-	-	782	-	782
G-000164	Westside Command Station Improvements	699	-	-	-	-	699
G-000176	HVAC Replacements	1,447	833	-	800	800	3,880
G-000180	Police Headquarters Fire Safety System	650	-	-	-	-	650
G-000184	Office Renovations	500	210	-	-	-	710
G-000188	HPD HQ Garage Waterproofing	659	-	-	-	-	659
G-HARVEY	HPD HARVEY Restoration Projects	5,902	24,000	723	587	-	31,212

Table 2. General Government Capital Maintenance Projects
All Funding Sources
FISCAL YEAR 2020-2024 PROPOSED CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
H-000018	Roof Replacement - Reconstruction	432	-	432	-	-	865
H-000063	HVAC & MEP Improvement Project	313	-	313	-	-	625
H-000080	Southwest MSC - Renovation	-	171	1,139	-	-	1,310
H-000084	Northeast MSC Renovation	228	1,519	-	-	-	1,747
H-000091	Sunnyside MSC/HC	22,794	-	-	-	-	22,794
H-000093	Third Ward MSC & HC - Renovation	-	-	-	421	2,808	3,229
H-000094	West End HC - Renovation	-	235	2,777	-	-	3,012
H-000095	West End MSC - Renovation	-	-	-	345	4,173	4,518
H-000096	Fifth Ward MSC - Foundation, Roof	342	3,415	-	-	-	3,757
H-000106	La Nueva Casa HC - Renovation	-	-	-	407	2,774	3,181
H-000111	Environmental Remediation	100	100	100	100	100	500
H-000122	Riverside HC - Renovation	-	-	-	514	3,501	4,015
H-000123	Denver Harbor MSC - Renovation	123	2,452	-	-	-	2,575
H-000124	Vital Statistics Redesign	86	575	-	-	-	661
H-000423	Hiram Clarke MSC - Renovation	-	-	-	845	-	845
H-000424	Magnolia MSCC - Renovation	-	-	-	1,107	-	1,107
H-HARVEY	HHD HARVEY Restoration Projects	456	-	-	-	-	456
L-000048	Roof Replacements	661	367	240	268	-	1,536
L-000052	Environmental Services	267	267	167	100	200	1,001
L-000104	Occupancy Code Compliance	-	330	110	110	-	551
L-000105	Locker Room Upgrades - Svc Centers	-	212	212	42	-	467
	Total Appropriations:	85,074	79,720	21,901	23,015	45,843	255,553

6. Except as required by law or legal agreements, proceeds from the sale of land or other assets shall be designated to the General Fund; and except as required by law or legal agreements, no City bond covenants or similar agreements shall prohibit such designation or limit the use of such proceeds.
   In Compliance

   During Fiscal Year 2019 several major land sales occurred. Proceeds from the sale of land and assets were designated to the General Fund and reflected in the Monthly Financial Reports of Fiscal Year 2019.

J. Debt Management Policies

5. 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***

Fiscal Year	GO Debt Service Index	GO Projected Debt Service (1)(2)
2019	428,800,365	428,800,365
2020	445,952,380	405,987,242
2021	463,790,475	411,934,631
2022	482,342,094	396,081,973
2023	501,635,778	374,465,800
2024	521,701,209	362,946,150
2025	542,569,257	338,135,692
2026	564,272,027	331,505,983
2027	586,842,908	353,178,235
2028	610,316,625	361,325,824
2029	634,729,290	357,744,993
2030	660,118,461	339,836,865
2031	686,523,200	342,196,757
2032	713,984,128	327,420,740
2033	742,543,493	277,172,149
2034	772,245,233	250,100,487
2035	803,135,042	291,620,603
2036	835,260,444	290,108,529
2037	868,670,861	283,737,423
2038	903,417,696	252,861,566
2039	939,554,404	262,297,588
2040	977,136,580	272,013,417
2041	1,016,222,043	304,748,458
2042	1,056,870,925	294,559,245
2043	1,099,145,762	304,824,435
2044	1,143,111,592	310,688,679
2045	1,188,836,056	319,115,092

(1) The schedule included in the Proposed 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 2024.
(2) Schedule provided by the City's financial advisor, Masterson Advisors LLC, on June 10, 2019.

Index of Funds

Program Group	Source of Funds
A-AVIATION FACILITIES	8000 - HAS-Grants
	8010 - HAS-Renewal & Replacement
	8011 - HAS-Airports Improvement
	OTHER
	REV BONDS/CP
	Spec. Fac. Rev. Bond
C-FIRE PROTECTION FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	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
	2301 - Building Inspection Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4509 - General Improvement Consol Constr Fd
	Future Bond Election
E-LIBRARY FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4507 - Public Library Consolidated Constr Fund
F-PARKS AND RECREATION FACILITIES	2425 - Woodlands Regional Participation
	4035 - Parks & Recreation Dedication Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4502 - Parks Consolidated Construction Fund
	5010 - State - Grant Funded
	5030 - Federal State Local - Pass Through Fund
	5040 - Other Government - Grant Funded
	Frds Of Lee LeClear
	HPB Fundraising
	Private Funding
	Proposed HGAC
	TIRZ
G-POLICE FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4504 - Police Consolidated Construction Fund
	Grants
	TIRZ
H-PUBLIC HEALTH FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4508 - Public Health Consolidated Constr Fund
	Future Bond Election
L-SOLID WASTE FACILITIES	1800 - Equipment Acquisition Consolidated Fund
	4039 - Misc Cap. Projects/Acquisitions CP Ser E

	4503 - Solid Waste Consolidated Construction Fd
	Future Bond Election
M-STORM DRAINAGE SYSTEM	4042 - Street & Trfc Control & Strm Drain DDSRF
	5000 - Federal Government - Grant Funded
	5430 - Federal State Local - HPW Pass thru DDSR
	8500 - HPW-W&S Syst Consolidated Constr Fd
N-STREET & TRAFFIC CONTROL	4040A - Metro Construction - Other
	4040 - METRO Projects Construction - DDSRF
	4042 - Street & Trfc Control & Strm Drain DDSRF
	4510 - Contribution for Capital Projects
	5430 - Federal State Local - HPW Pass thru DDSR
	8500 - HPW-W&S Syst Consolidated Constr Fd
P-HOMELESS & HOUSING FACILITIES	4501 - Homeless & Housing Consolidated Fund
R-WASTEWATER TREATMENT FACILITIES	8500 - HPW-W&S Syst Consolidated Constr Fd
S-WATER UTILITY SYSTEM FACILITIES	5000 - Federal Government - Grant Funded
	8319 - HPW-W & S Contributed CAP
	8500 - HPW-W&S Syst Consolidated Constr Fd
	8505 - Water Authorities Capital Contrib-NEWPP
	8506 - HPW-NEWPP Construction Fund
	8507 Water Auth NETL
	8508 HPW NETL Constr
	8509 Water Auth SETL
	8510 HPW SETL Constr
T-TIRZ - TAX INCREMENT REINVESTMENT ZONES	TIRZ01
	TIRZ01 Grants
	TIRZ01 Other
	TIRZ02
	TIRZ02 Bonds
	TIRZ03
	TIRZ05
	TIRZ05 COH Contrib.
	TIRZ05 Grants
	TIRZ07
	TIRZ07 Grants
	TIRZ08
	TIRZ09
	TIRZ10
	TIRZ10 COH Contrib.
	TIRZ10 Grants
	TIRZ11
	TIRZ13
	TIRZ14
	TIRZ15
	TIRZ16
	TIRZ17

	TIRZ17 Grants
	TIRZ18
	TIRZ19
	TIRZ19 Grants
	TIRZ19 Other
	TIRZ20
	TIRZ20 COH Contrib.
	TIRZ20 Grants
	TIRZ23
	TIRZ25
W-FLEET	1011 - Workers Compensation Admin Fund
	1800 - Equipment Acquisition Consolidated Fund
	2002 - Health Special Revenue
	2009 - Swimming Pool Safety
	2100 - Park Special Revenue Fund
	2106 - Bayou Greenway 2020
	2301 - Building Inspection Fund
	2302 - Stormwater Fund
	2310 - Dedicated Drainage & Street Renewal
	2423 - Special Waste Transportation & Inspect
	4039 - Misc Cap. Projects/Acquisitions CP Ser E
	4500 - Fire Consolidated Construction Fund
	4504 - Police Consolidated Construction Fund
	5030 - Federal State Local - Pass Through Fund
	8012 - HAS-AIF Capital Outlay
	8305 - HPW-Combined Utility System Gen Pur Fund
	8700 - Parking Management Operating Fund
	9002 - Fleet/Equipment Special Revenue
X-INFORMATION TECHNOLOGY IMPROVEMENTS	1001 - Project Cost Recovery
	1800 - Equipment Acquisition Consolidated Fund
	2301 - Building Inspection Fund
	2302 - Stormwater Fund
	2310 - Dedicated Drainage & Street Renewal
	2402 - Greater Houston Trans & Emer Center
	8305 - HPW-Combined Utility System Gen Pur Fund

AVIATION FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land				77		77
Design	**210,008**	37,877	8,790	2,328	6,719	265,722
Construction	**181,820**	956,533	412,417	27,929	75,269	1,653,968
Equipment Acquisition						
Salary Recovery						
Other	**56,420**	37,447	36,456	5,903	5,174	141,400
Total Allocation	**448,248**	**1,031,857**	**457,663**	**36,237**	**87,162**	**2,061,167**
Source of Funds						
8000 - HAS-Grants	**23,122**	14,767	26,000	1,386	18,179	83,454
8010 - HAS-Renewal & Replacement	**9,926**		603	1,821	26,412	38,762
8011 - HAS-Airports Improvement	**216,886**	157,018	83,272	33,030	35,255	525,461
OTHER	**26,427**	141,300			7,316	175,043
REV BONDS/CP	**171,887**	543,772	347,788			1,063,447
Spec. Fac. Rev. Bond		175,000				175,000
Total Funds	**448,248**	**1,031,857**	**457,663**	**36,237**	**87,162**	**2,061,167**

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024
			2020	2021	2022	2023	2024	
A-000348	**Miscellaneous Construction**							
	8011 - HAS-Airports Improvement		2,892	610	645	681	719	5,547
		Project Total	2,892	610	645	681	719	5,547
A-000422	**Civic Art for Aviation-HAS**							
	8011 - HAS-Airports Improvement		4,284	4,420	382			9,086
	OTHER		284					284
	REV BONDS/CP		2,127					2,127
		Project Total	6,695	4,420	382			11,497
A-000423	**General Environmental Services - HAS**							
	8010 - HAS-Renewal & Replacement		5,204		603			5,807
	8011 - HAS-Airports Improvement		250					250
		Project Total	5,454		603			6,057
A-000456	**Various Bldg & Supt-Roadways-IAH**							
	8010 - HAS-Renewal & Replacement					358	547	905
		Project Total				358	547	905
A-000458	**Various Bldg & Supt Sys-Infrastruct-IAH**							
	8010 - HAS-Renewal & Replacement						21,900	21,900
		Project Total					21,900	21,900
A-000461	**Various Bldg & Supt Sys-Airfield-IAH**							
	8000 - HAS-Grants						5,580	5,580
	8010 - HAS-Renewal & Replacement						1,859	1,859
		Project Total					7,439	7,439
A-000474	**Various Bldg & Supt Sys-Main Term-Hou**							
	8010 - HAS-Renewal & Replacement						2,106	2,106
		Project Total					2,106	2,106

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
A-000476	**Noise Mitigation Program - IAH**							
	8000 - HAS-Grants					62		62
	8011 - HAS-Airports Improvement					15		15
		Project Total				77		77
A-000477	**PN 604A Inter-Terminal Train-Repairs**							
	8010 - HAS-Renewal & Replacement		2,250					2,250
	8011 - HAS-Airports Improvement		2,657		21,473			24,130
		Project Total	4,907		21,473			26,380
A-000494	**APM Guide Way Structural Enhancements**							
	8011 - HAS-Airports Improvement		29,000				7,316	36,316
	OTHER						7,316	7,316
		Project Total	29,000				14,632	43,632
A-000495	**Public Wi-Fi Expansion-HAS**							
	8011 - HAS-Airports Improvement		3,614					3,614
		Project Total	3,614					3,614
A-000513	**Airport Pavement Replacement**							
	8010 - HAS-Renewal & Replacement		2,472					2,472
	8011 - HAS-Airports Improvement				6,556			6,556
		Project Total	2,472		6,556			9,028
A-000515	**Rehab Taxiway SA,SB & RA - GBIAH**							
	8000 - HAS-Grants		3,100	14,767	26,000			43,867
	8011 - HAS-Airports Improvement		2,569	11,000	18,910			32,479
		Project Total	5,669	25,767	44,910			76,346

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
A-000527	**Non-Standard FAA Taxiways at HOU**								
	8000 - HAS-Grants		10,448					10,448	
	8011 - HAS-Airports Improvement		3,482					3,482	
		Project Total	13,930					13,930	
A-000530	**MOA-SW MAINTENANCE HANGAR DEVELOP AT**								
	8011 - HAS-Airports Improvement		330					330	
		Project Total	330					330	
A-000558	**COMMON USE TICKET & GATE CHECK-IN SYS**								
	8011 - HAS-Airports Improvement		1,277					1,277	
		Project Total	1,277					1,277	
A-000572	**Wayfinding Garage Facilities -IAH/HOU**								
	8011 - HAS-Airports Improvement		1,900					1,900	
		Project Total	1,900					1,900	
A-000574	**Taxiway M Rehab**								
	8000 - HAS-Grants					1,324	12,599	13,923	
	8011 - HAS-Airports Improvement					441	4,199	4,640	
		Project Total				1,765	16,798	18,563	
A-000576	**Modify N Electrical Vault and Misc. Elec**								
	8011 - HAS-Airports Improvement					563	5,217	5,780	
		Project Total				563	5,217	5,780	
A-000581	**Terminal A Modernization Program**								
	8011 - HAS-Airports Improvement		31,338	49,200				80,538	
	OTHER		26,143	141,300				167,443	
	REV BONDS/CP		151,443	137,500				288,943	
		Project Total	208,924	328,000				536,924	

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
A-000587	**Noise Mitigation Program**							
	8000 - HAS-Grants		1,772					1,772
	8011 - HAS-Airports Improvement		443					443
		Project Total	2,215					2,215
A-000590	**Rehabilitate and Expand ARFF Station-HAS**							
	8000 - HAS-Grants		7,802					7,802
	8011 - HAS-Airports Improvement		2,601	2,043				4,644
		Project Total	10,403	2,043				12,446
A-000599	**Internal Signage at IAH & HOU**							
	8011 - HAS-Airports Improvement		3,095					3,095
		Project Total	3,095					3,095
A-000600	**Infrastructure Staff Augmentation - HAS**							
	8011 - HAS-Airports Improvement		5,320	3,660	3,868	4,086	4,312	21,246
		Project Total	5,320	3,660	3,868	4,086	4,312	21,246
A-000602	**On-Call Planning Services**							
	8011 - HAS-Airports Improvement		692	732	774	817	862	3,877
		Project Total	692	732	774	817	862	3,877
A-000605	**Parking Garage Rehab at Terminals -GBIAH**							
	8011 - HAS-Airports Improvement					1,566		1,566
		Project Total				1,566		1,566
A-000607	**Term A/B Garage-Public Parking Impr.**							
	8011 - HAS-Airports Improvement						5,911	5,911
		Project Total					5,911	5,911

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
A-000608	**DATA CENTER - HAS**								
	8011 - HAS-Airports Improvement		3,193					3,193	
		Project Total	3,193					3,193	
A-000612	**PN900 .01 Public WIFI Servs & Equip**								
	8011 - HAS-Airports Improvement		608					608	
		Project Total	608					608	
A-000616	**REPLACE CARPET WITH TERRAZZO TILE**								
	8011 - HAS-Airports Improvement		1,717					1,717	
		Project Total	1,717					1,717	
A-000618	**PURCHASE UNITED AIRLINE LAND & BUILDING**								
	8011 - HAS-Airports Improvement		1,750					1,750	
		Project Total	1,750					1,750	
A-000620	**T-Hangar Ramp & Taxiway D Pavement**								
	8010 - HAS-Renewal & Replacement					1,463		1,463	
		Project Total				1,463		1,463	
A-000622	**Reworking Constr Taxiway WA/WB**								
	8011 - HAS-Airports Improvement		54,854					54,854	
		Project Total	54,854					54,854	
A-000624	**Term B Core & NO 480-Volt Distrib Sys**								
	8011 - HAS-Airports Improvement					23,861		23,861	
		Project Total				23,861		23,861	
A-000625	**IAH Fleet Maintenance Building**								
	8011 - HAS-Airports Improvement		15,486					15,486	
		Project Total	15,486					15,486	

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
A-000628	**Security Lane Backflow Prevention**							
	8011 - HAS-Airports Improvement		5,750	1,530				7,280
		Project Total	5,750	1,530				7,280
A-000629	**Aerospace Design & Solution Lab - EFD**							
	8011 - HAS-Airports Improvement			10,000	10,000			20,000
		Project Total		10,000	10,000			20,000
A-000634	**On Call Technology Contract**							
	8011 - HAS-Airports Improvement		4,500			1,000		5,500
		Project Total	4,500			1,000		5,500
A-000635	**Communication Cabling Infrastructure**							
	8011 - HAS-Airports Improvement				1,934			1,934
		Project Total			1,934			1,934
A-000636	**Parking Revenue Control System - HAS**							
	8011 - HAS-Airports Improvement		11,405	1,955				13,360
		Project Total	11,405	1,955				13,360
A-000637	**Relocation of RTR - HOU**							
	8011 - HAS-Airports Improvement		1,400	4,000				5,400
		Project Total	1,400	4,000				5,400
A-000640	**IN-AIRPORT DIRECTORIES - GBIAH**							
	8011 - HAS-Airports Improvement		226					226
		Project Total	226					226
A-000641	**IAH & HOU INTERACTIVE VISITORS KIOSKS**							
	8011 - HAS-Airports Improvement		330					330
		Project Total	330					330

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
A-000651	**IDENTITY- SAFETY MANAGEMENT SYSTEM**								
	8011 - HAS-Airports Improvement		2,500					2,500	
		Project Total	2,500					2,500	
A-000657	**TERMINAL C GARAGE ADDITIONAL PARK DEC**								
	8011 - HAS-Airports Improvement		40	360				400	
	REV BONDS/CP		1,960	17,640				19,600	
		Project Total	2,000	18,000				20,000	
A-000658	**REHAB TERMINAL B CONTRACT GARAGE**								
	8011 - HAS-Airports Improvement		593	5,333				5,926	
		Project Total	593	5,333				5,926	
A-000659	**HOBBY CONSOLIDATED MAINTENANCE COMPL**								
	8011 - HAS-Airports Improvement		950	8,550				9,500	
		Project Total	950	8,550				9,500	
A-000660	**HOBBY CONRAC**								
	Spec. Fac. Rev. Bond			175,000				175,000	
		Project Total		175,000				175,000	
A-000661	**ARFF AFFF COLLECTION FACILITY-GBIAH**								
	8011 - HAS-Airports Improvement		840	7,560				8,400	
		Project Total	840	7,560				8,400	
A-000662	**ON CALL DESIGN**								
	8011 - HAS-Airports Improvement				8,790		6,719	15,509	
		Project Total			8,790		6,719	15,509	

AVIATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
A-000800	**Executive Program Manager Services-ITRP**								
	8011 - HAS-Airports Improvement		15,000	46,065	9,940			71,005	
	REV BONDS/CP		16,357	388,632	347,788			752,777	
	Project Total		31,357	434,697	357,728			823,782	
	Total Appropriations:		448,248	1,031,857	457,663	36,237	87,162	2,061,167	

AVIATION - Department Related Projects
2020-2024 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					2020-2024
CIP No.			2020	2021	2022	2023	2024	
Fleet								
W-28ADSP	**HAS - Admin Support / Operations**							
	8012 - HAS-AIF Capital Outlay		10,129	2,316	3,442	2,701	3,171	21,760
		Project Total	10,129	2,316	3,442	2,701	3,171	21,760
W-28SCOP	**HAS - Security Operations**							
	8012 - HAS-AIF Capital Outlay		153					153
		Project Total	153					153
		Total Appropriations:	**10,282**	**2,316**	**3,442**	**2,701**	**3,171**	**21,912**

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BAYOU GREENWAYS

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land	**35,901**					35,901
Design	**2,186**					2,186
Construction	**21,416**					21,416
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	**59,503**					**59,503**
Source of Funds						
4502 - Parks Consolidated Construction Fund	**16,882**					16,882
HPB Fundraising	**42,620**					42,620
Total Funds	**59,503**					**59,503**

BAYOU GREENWAYS - Summary of Funds 2020-2024
CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
F-BG2020	**Bayou Greenways 2020**								
	HPB Fundraising		7,048					7,048	
		Project Total	7,048					7,048	
F-BGBG01	**BG2020 - Signage & Amenities**								
	HPB Fundraising		222					222	
		Project Total	222					222	
F-BGBR26	**BG2020 - Braeburn Glen to HWY 59**								
	HPB Fundraising		41					41	
		Project Total	41					41	
F-BGBR27	**BG2020 - US 59 to BW8**								
	HPB Fundraising		271					271	
		Project Total	271					271	
F-BGBR28	**BG2020 - Arthur Story Pk to Dairy Ashfrd**								
	HPB Fundraising		337					337	
		Project Total	337					337	
F-BGBR29	**BG2020 - Westpark Connection (NF - BB)**								
	HPB Fundraising		41					41	
		Project Total	41					41	
F-BGBR30	**BG2020 - Dairy Ashford to Eldridge Det B**								
	HPB Fundraising		131					131	
		Project Total	131					131	
F-BGBU03	**BG2020 - Lockwood to US 59**								
	HPB Fundraising		402					402	
		Project Total	402					402	

BAYOU GREENWAYS - Summary of Funds 2020-2024
CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-BGBU04	**BG2020 - US 59 to Fannin**								
	4502 - Parks Consolidated Construction Fund		4,211					4,211	
	HPB Fundraising		440					440	
		Project Total	4,651					4,651	
F-BGBU06	**BG2020 - Memorial Park Connection**								
	HPB Fundraising		4,870					4,870	
		Project Total	4,870					4,870	
F-BGCL99	**BG2020 - Clear Creek Bayou**								
	HPB Fundraising		2,394					2,394	
		Project Total	2,394					2,394	
F-BGGB99	**BG2020 - Greens Bayou Land Acquisitions**								
	HPB Fundraising		5,766					5,766	
		Project Total	5,766					5,766	
F-BGGR01	**BG2020 - Bell Foster Pk to Coolgreen**								
	HPB Fundraising		111					111	
		Project Total	111					111	
F-BGGR02	**BG2020 - Coolgreen to HWY 90**								
	4502 - Parks Consolidated Construction Fund		1,755					1,755	
	HPB Fundraising		1,030					1,030	
		Project Total	2,786					2,786	
F-BGGR03	**BG2020 - HWY 90 to Brock Park**								
	HPB Fundraising		2,079					2,079	
		Project Total	2,079					2,079	

BAYOU GREENWAYS - Summary of Funds 2020-2024
CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-BGGR04	**BG2020 - Brock Park to Mt. Houston**								
	HPB Fundraising		171					171	
		Project Total	171					171	
F-BGHB99	**BG2020 - Halls Bayou Greenway Lands**								
	HPB Fundraising		46					46	
		Project Total	46					46	
F-BGHU01	**BG2020 - Ship Channel to Herman Brown Pk**								
	4502 - Parks Consolidated Construction Fund		1,337					1,337	
	HPB Fundraising		358					358	
		Project Total	1,695					1,695	
F-BGHU05	**BG2020 - Kelley Street to Hutcheson Park**								
	4502 - Parks Consolidated Construction Fund		1,036					1,036	
	HPB Fundraising		163					163	
		Project Total	1,199					1,199	
F-BGHU99	**BG2020 - Hunting Bayou Greenways**								
	HPB Fundraising		4,295					4,295	
		Project Total	4,295					4,295	
F-BGSB99	**BG2020 - Sims Bayou Greenway Lands**								
	HPB Fundraising		1,967					1,967	
		Project Total	1,967					1,967	
F-BGSI01	**BG2020 - Milby Park to I-45**								
	HPB Fundraising		325					325	
		Project Total	325					325	

BAYOU GREENWAYS - Summary of Funds 2020-2024
CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-BGSI02	**BG2020 - Stuart Park to MLK**								
	4502 - Parks Consolidated Construction Fund		5,874					5,874	
	HPB Fundraising		627					627	
		Project Total	6,501					6,501	
F-BGSI05	**BG2020 - SH 288 to Buffalo Speedway**								
	HPB Fundraising		377					377	
		Project Total	377					377	
F-BGSP01	**BG2020 - US 59 P&R to Woodland Hills**								
	4502 - Parks Consolidated Construction Fund		2,669					2,669	
	HPB Fundraising		1,165					1,165	
		Project Total	3,834					3,834	
F-BGWO06	**BG2020 - Stude Park to MKT Connection**								
	HPB Fundraising		53					53	
		Project Total	53					53	
F-BGWO22	**BG2020 - Overlook and Trailhead**								
	HPB Fundraising		2,717					2,717	
		Project Total	2,717					2,717	
F-BGWO99	**BG2020 - White Oak Bayou Greenway Lands**								
	HPB Fundraising		5,173					5,173	
		Project Total	5,173					5,173	
		Total Appropriations:	59,503					59,503	

BAYOU GREENWAYS - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020-2024
Fleet								
W-36WHDB	**Parks - White Oak Bayou**							
	2106 - Bayou Greenway 2020		221	45	222	45	222	754
		Project Total	221	45	222	45	222	754
		Total Appropriations:	**221**	**45**	**222**	**45**	**222**	**754**

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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.

- Civic Art design approaches include selecting artists as design team members, integrating artworks into facility architecture or as stand-alone artworks and coordination with adopted City plans and initiatives such as Complete Communities. Artists or artist teams are selected to provide original artwork through calls for qualifications, proposals or by acquisition of portable works.

CIVIC ART - Summary of Future Funds

Department	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Aviation	6,695	4,420	382			11,497
Fire	28	247		19	107	401
General Government	248	230		2	30	509
Health	412	138		59	260	869
Library	263	108	13			384
Parks	82	10	11	59	408	570
Police	69	413	12	10		504
Solid Waste	165					165
Total Allocation	**7,962**	**5,566**	**418**	**149**	**805**	**14,899**

Note: Subject to the availability of program appropriations, projects identified to be appropriated in FY2020-2024 include: City Hall, Sunnyside MSC/Health Center, New Westbury Library, Houston Intercontinental Airport, Hobby Airport, various facilities and conservation projects.

CIVIC ART - Summary of Previously Appropriated Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

Department	Project	Description		
Aviation	**Civic Art Contracted Projects**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	628
Aviation	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	4,447
Fire	**Civic Art Contracted Project**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	8
Fire	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	718
General Government	**HTV Reception Room City Hall**	Municipal Channel lobby display in City Hall.	**Project Total**	30
General Government	**Civic Art Contracted Projects**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	21
General Government	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	68
Health	**Small Art Conservation**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	4
Health	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	369
Library	**Young Library Sculpture**	Outdoor Sculpture at Young Library.	**Project Total**	13

CIVIC ART - Summary of Previously Appropriated Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

Department	Project	Description		
Library	**Small Art Conservation**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	4
Library	**Geo Mouse Conservation**	Contract for City Art projects (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	4
Library	**Art Vault Review**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	11
Library	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	674
Parks	**Cliff Tuttle Park**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	8
Parks	**Judson Robinson Community Center**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	6
Parks	**High Plains Drifter**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	8
Parks	**Small Art Conservation**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	5
Parks	**Vandalized Sculptures**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	14
Parks	**Civic Art Contracted Projects**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	65
Parks	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	37

CIVIC ART - Summary of Previously Appropriated Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

Department	Project	Description		
Police	**South West Police Station**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	39
Police	**Civic Art Contracted Projects**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	11
Police	**Police Memorial Conservation**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	31
Police	**Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	180
Public Works	**Open Channel Flow**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	22
Public Works	**Street and Traffic Civic Art contracted Project**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	3
Public Works	**Street and Traffic Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	48
Public Works	**Waste Water Contracted Projects**	Contract for City Art programs (Art repairs, relocation, new civic art projects, or the enhancements of existing Art).	**Project Total**	9
Public Works	**Waste Water Civic Art Un-contracted Project**	Unencumbered Pool Balance.	**Project Total**	679
Other Funds	**Other Funds Civic Art un-contracted Projects**	Contract for City Art projects (Equipment Acquisition, Reimburse Equipment & Park Capital).	**Project Total**	332
Other Funds	**Other Funds Civic Art contracted Projects**	Contract for City Art projects (Equipment Acquisition, Reimburse Equipment & Park Capital).	**Project Total**	84
	Balances are reflected as 04/30/2019		**Total**	8,580

FIRE PROTECTION FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land				885		885
Design	**51**	177		162	1,423	1,813
Construction	**2,640**	17,759	1,507	1,200	5,759	28,864
Equipment Acquisition	**3,450**	3,450	3,450	3,450	2,900	16,700
Salary Recovery	**509**	509	509	509	509	2,545
Other	**28**	247		19	107	400
Total Allocation	**6,678**	**22,141**	**5,466**	**6,225**	**10,697**	**51,207**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	**3,450**	3,450	3,450	3,450	2,900	16,700
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**1,514**	10,360	200			12,074
4500 - Fire Consolidated Construction Fund	**1,714**	8,331	1,816	2,775	7,797	22,433
Total Funds	**6,678**	**22,141**	**5,466**	**6,225**	**10,697**	**51,207**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

FIRE PROTECTION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
C-000003	**FS 82 Remediation and Tanks Replacement**								
	4500 - Fire Consolidated Construction Fund				307			307	
	Project Total				307			307	
C-000174	**Fire Station 22 Parking Expansion**								
	4500 - Fire Consolidated Construction Fund			382				382	
	Project Total			382				382	
C-000181	**Fire Station 40 Replacement**								
	4500 - Fire Consolidated Construction Fund					901	1,448	2,349	
	Project Total					901	1,448	2,349	
C-000185	**Environmental Remediation**								
	4500 - Fire Consolidated Construction Fund		100	100	200	200	200	800	
	Project Total		100	100	200	200	200	800	
C-000196	**Fire Station 16 Renovation**								
	4500 - Fire Consolidated Construction Fund		52	1,494				1,546	
	Project Total		52	1,494				1,546	
C-000200	**Fire Station 64 Renovation**								
	4500 - Fire Consolidated Construction Fund		53	1,763				1,816	
	Project Total		53	1,763				1,816	
C-000201	**Fire Station 70 Renovation**								
	4500 - Fire Consolidated Construction Fund					55	1,391	1,446	
	Project Total					55	1,391	1,446	
C-000213	**Training Academy Gear and Cadet Lockers**								
	4500 - Fire Consolidated Construction Fund			674				674	
	Project Total			674				674	

FIRE PROTECTION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
C-000214	**Training Academy Road Paving**								
	4500 - Fire Consolidated Construction Fund			1,713				1,713	
	Project Total			1,713				1,713	
C-000217	**HVAC Replacements**								
	1800 - Equipment Acquisition Consolidated Fund		550	550	550	550		2,200	
	Project Total		550	550	550	550		2,200	
C-000219	**Fire Station 80 Foundation**								
	4500 - Fire Consolidated Construction Fund			696				696	
	Project Total			696				696	
C-000220	**Fire Facilities Roof Replacements**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E				200			200	
	4500 - Fire Consolidated Construction Fund		1,000	1,000	800	1,000	1,000	4,800	
	Project Total		1,000	1,000	1,000	1,000	1,000	5,000	
C-000221	**Fire Station 65 Renovation**								
	4500 - Fire Consolidated Construction Fund					54	1,629	1,683	
	Project Total					54	1,629	1,683	
C-000222	**Fire Station 80 Renovation**								
	4500 - Fire Consolidated Construction Fund					56	1,620	1,676	
	Project Total					56	1,620	1,676	
C-000SAL	**Salary Recovery**								
	4500 - Fire Consolidated Construction Fund		509	509	509	509	509	2,545	
	Project Total		509	509	509	509	509	2,545	
C-EQ0001	**Bunker Gear**								
	1800 - Equipment Acquisition Consolidated Fund		1,600	1,600	1,600	1,600	1,600	8,000	
	Project Total		1,600	1,600	1,600	1,600	1,600	8,000	

FIRE PROTECTION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
C-EQ0003	**Emergency Life Safety Equipment**								
	1800 - Equipment Acquisition Consolidated Fund		1,300	1,300	1,300	1,300	1,300	6,500	
	Project Total		1,300	1,300	1,300	1,300	1,300	6,500	
C-HARVEY	**HFD HARVEY Restoration Projects**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		1,514	10,360				11,874	
	Project Total		1,514	10,360				11,874	
	Total Appropriations:		6,678	22,141	5,466	6,225	10,697	51,207	

FIRE - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020-2024
Fleet								
W-12ADMN	**HFD - Administrative**							
	4500 - Fire Consolidated Construction Fund		99	100	85	100	100	484
		Project Total	99	100	85	100	100	484
W-12ERES	**HFD - Emergency Response Vehicles**							
	4500 - Fire Consolidated Construction Fund		6,387	9,885	10,181	10,487	10,801	47,741
		Project Total	6,387	9,885	10,181	10,487	10,801	47,741
W-12HVEY	**HFD - Harvey Vehicles Recovery**							
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		3,470					3,470
		Project Total	3,470					3,470
W-12INVG	**HFD - Investigative Vehicles**							
	4500 - Fire Consolidated Construction Fund		116	384	395	442	454	1,791
		Project Total	116	384	395	442	454	1,791
Information Technology								
X-120007	**HFD - EAS Upgrade**							
	1800 - Equipment Acquisition Consolidated Fund					2,000	500	2,500
		Project Total				2,000	500	2,500
		Total Appropriations:	**10,072**	**10,369**	**10,661**	**13,029**	**11,855**	**55,986**

FLEET

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Equipment Acquisition	**54,966**	33,547	35,948	36,258	36,932	197,652
Total Allocation	**54,966**	**33,547**	**35,948**	**36,258**	**36,932**	**197,652**
Source of Funds						
1011 - Workers Compensation Admin Fund	**80**	80	64	40	80	344
1800 - Equipment Acquisition Consolidated Fund	**6,669**	6,738	7,070	7,416	7,353	35,246
2002 - Health Special Revenue	**525**	70	70	70		735
2009 - Swimming Pool Safety		70	70	70		210
2100 - Park Special Revenue Fund	**32**	45	32	45	32	185
2106 - Bayou Greenway 2020	**221**	45	222	45	222	754
2301 - Building Inspection Fund	**780**	371	413	556	571	2,691
2302 - Stormwater Fund	**2,687**		95	67		2,850
2310 - Dedicated Drainage & Street Renewal	**4,248**					4,248
2423 - Special Waste Transportation & Inspect		70	105	70		245
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**6,455**					6,455
4500 - Fire Consolidated Construction Fund	**6,602**	10,369	10,661	11,029	11,355	50,016
4504 - Police Consolidated Construction Fund	**9,461**	12,819	13,204	13,599	14,008	63,091
5030 - Federal State Local - Pass Through Fund	**22**					22
8012 - HAS-AIF Capital Outlay	**10,282**	2,316	3,442	2,701	3,171	21,913
8305 - HPW-Combined Utility System Gen Pur Fund	**6,027**	433	412	421		7,293
8700 - Parking Management Operating Fund	**184**	122	88	130	140	664
9002 - Fleet/Equipment Special Revenue	**691**					691
Total Funds	**54,966**	**33,547**	**35,948**	**36,258**	**36,932**	**197,652**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

FLEET - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
W-10ERES	**HPD - Emergency Response Vehicles**								
	4504 - Police Consolidated Construction Fund		7,855	10,439	10,752	11,074	11,407	51,527	
	Project Total		7,855	10,439	10,752	11,074	11,407	51,527	
W-10HVEY	**HPD - Harvey Vehicles Recovery**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		2,985					2,985	
	Project Total		2,985					2,985	
W-10INVG	**HPD - Investigative Vehicles**								
	4504 - Police Consolidated Construction Fund		1,606	2,380	2,452	2,525	2,601	11,564	
	Project Total		1,606	2,380	2,452	2,525	2,601	11,564	
W-11ADSP	**DON - Admin Support / Operations**								
	1800 - Equipment Acquisition Consolidated Fund		125		133	273		531	
	Project Total		125		133	273		531	
W-12ADMN	**HFD - Administrative**								
	4500 - Fire Consolidated Construction Fund		99	100	85	100	100	484	
	Project Total		99	100	85	100	100	484	
W-12ERES	**HFD - Emergency Response Vehicles**								
	4500 - Fire Consolidated Construction Fund		6,387	9,885	10,181	10,487	10,801	47,741	
	Project Total		6,387	9,885	10,181	10,487	10,801	47,741	
W-12HVEY	**HFD - Harvey Vehicles Recovery**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		3,470					3,470	
	Project Total		3,470					3,470	
W-12INVG	**HFD - Investigative Vehicles**								
	4500 - Fire Consolidated Construction Fund		116	384	395	442	454	1,791	
	Project Total		116	384	395	442	454	1,791	

FLEET - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
W-202301	**HPW - Building Inspection Fund**								
	2301 - Building Inspection Fund		780	371	413	556	571	2,691	
		Project Total	780	371	413	556	571	2,691	
W-202302	**HPW - Stormwater Fund**								
	2302 - Stormwater Fund		2,687		95	67		2,850	
		Project Total	2,687		95	67		2,850	
W-202310	**HPW Dedicated Drainage & Street Renewal**								
	2310 - Dedicated Drainage & Street Renewal		4,248					4,248	
		Project Total	4,248					4,248	
W-208305	**HPW Combined Utility System Gen Purpose**								
	8305 - HPW-Combined Utility System Gen Pur Fund		6,027	433	412	421		7,293	
		Project Total	6,027	433	412	421		7,293	
W-21ADSP	**SWD - Admin Support / Operations**								
	1800 - Equipment Acquisition Consolidated Fund		123	243	250	257	265	1,138	
	9002 - Fleet/Equipment Special Revenue		68					68	
		Project Total	191	243	250	257	265	1,206	
W-21ATSH	**SWD - Automated Trash Vehicles**								
	1800 - Equipment Acquisition Consolidated Fund		4,044	3,085	3,177	3,273	3,371	16,950	
		Project Total	4,044	3,085	3,177	3,273	3,371	16,950	
W-21BULK	**SWD - Bulk Waste / Heavy Trash Vehicles**								
	1800 - Equipment Acquisition Consolidated Fund		1,666	2,680	2,760	2,843	2,928	12,877	
		Project Total	1,666	2,680	2,760	2,843	2,928	12,877	

FLEET - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
W-25MTOP	**GSD - Maintenance Operations**								
	1800 - Equipment Acquisition Consolidated Fund		85	85	85		90	345	
	9002 - Fleet/Equipment Special Revenue		76					76	
		Project Total	161	85	85		90	421	
W-28ADSP	**HAS - Admin Support / Operations**								
	8012 - HAS-AIF Capital Outlay		10,129	2,316	3,442	2,701	3,171	21,760	
		Project Total	10,129	2,316	3,442	2,701	3,171	21,760	
W-28SCOP	**HAS - Security Operations**								
	8012 - HAS-AIF Capital Outlay		153					153	
		Project Total	153					153	
W-34WHDB	**HPL - Warehouse and Distribution**								
	1800 - Equipment Acquisition Consolidated Fund		28	29	30	31	32	150	
		Project Total	28	29	30	31	32	150	
W-36GMUF	**PRD - Ground Maintenance/Urban Forestry**								
	1800 - Equipment Acquisition Consolidated Fund		344	354	365	376	387	1,826	
	2100 - Park Special Revenue Fund		32	45	32	45	32	185	
	9002 - Fleet/Equipment Special Revenue		90					90	
		Project Total	466	399	397	421	419	2,101	
W-36WHDB	**Parks - White Oak Bayou**								
	2106 - Bayou Greenway 2020		221	45	222	45	222	754	
		Project Total	221	45	222	45	222	754	

FLEET - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	2020	2021	2022	2023	2024	2020-2024
W-38OPER	**HHD - Health Operations**						
	1800 - Equipment Acquisition Consolidated Fund	71	73	75	77	79	375
	2002 - Health Special Revenue	525	70	70	70		735
	2009 - Swimming Pool Safety		70	70	70		210
	2423 - Special Waste Transportation & Inspect		70	105	70		245
	5030 - Federal State Local - Pass Through Fund	22					22
	Project Total	618	283	320	287	79	1,587
W-65ADSP	**ARA - Admin Support / Operations**						
	1800 - Equipment Acquisition Consolidated Fund	155	160	165	170	175	825
	8700 - Parking Management Operating Fund	184	122	88	130	140	664
	9002 - Fleet/Equipment Special Revenue	30					30
	Project Total	369	282	253	300	315	1,519
W-67CNTG	**FMD Contingency Residual**						
	1800 - Equipment Acquisition Consolidated Fund	5	5	5	90		105
	Project Total	5	5	5	90		105
W-67MTOP	**FMD - Maintenance Operations**						
	9002 - Fleet/Equipment Special Revenue	427					427
	Project Total	427					427
W-68ADSP	**HITS - Admin Support / Operations**						
	1800 - Equipment Acquisition Consolidated Fund	24	24	25	26	26	125
	Project Total	24	24	25	26	26	125
W-80WCSY	**HR - Workers Compensation & Safety**						
	1011 - Workers Compensation Admin Fund	80	80	64	40	80	344
	Project Total	80	80	64	40	80	344
	Total Appropriations:	54,966	33,547	35,948	36,258	36,932	197,652

GENERAL GOVERNMENT FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land	**8,712**					8,712
Design	**3,347**		590	688	95	4,720
Construction	**19,274**	17,496	18,961	12,146	3,818	71,696
Equipment Acquisition	**2,804**	400	718	3,142		7,064
Salary Recovery	**655**	655	655	655	655	3,275
Other	**248**	230		2	30	509
Total Allocation	**35,040**	**18,781**	**20,924**	**16,633**	**4,598**	**95,976**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	**154**	400	2,021	5,881		8,456
1801 - Dangerous Building Consolidated Fund	**1,350**	1,000	2,000			4,350
1850 - Reimbursement of Equipment/Projects Fund	**2,000**					2,000
2301 - Building Inspection Fund	**11,512**		10,320	6,880		28,712
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**15,604**	15,272	1,759			32,635
4509 - General Improvement Consol Constr Fd	**4,420**	2,109	4,824	3,167	1,000	15,520
Future Bond Election				705	3,598	4,303
Total Funds	**35,040**	**18,781**	**20,924**	**16,633**	**4,598**	**95,976**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

GENERAL GOVERNMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
D-000073	**Environmental Remediation**								
	4509 - General Improvement Consol Constr Fd		50	50	50			150	
	Future Bond Election					50	50	100	
	Project Total		50	50	50	50	50	250	
D-000166	**City Hall Annex - Garage Waterproofing**								
	4509 - General Improvement Consol Constr Fd				765			765	
	Project Total				765			765	
D-000174	**City Hall - Drinking Fountains**								
	1800 - Equipment Acquisition Consolidated Fund				319			319	
	Project Total				319			319	
D-000181	**City Hall - Structure Repairs**								
	4509 - General Improvement Consol Constr Fd		1,488					1,488	
	Project Total		1,488					1,488	
D-000184	**City Hall - Replacement of Roof**								
	4509 - General Improvement Consol Constr Fd		823					823	
	Project Total		823					823	
D-000191	**City Hall - Restore Elevator Cabs**								
	1800 - Equipment Acquisition Consolidated Fund				984			984	
	Project Total				984			984	
D-000193	**City Hall- Replace TV Lights and Ceiling**								
	4509 - General Improvement Consol Constr Fd					285		285	
	Project Total					285		285	

GENERAL GOVERNMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
D-000206	**City Hall - Exterior Waterproofing**								
	4509 - General Improvement Consol Constr Fd					155		155	
	Future Bond Election						1,200	1,200	
	Project Total					155	1,200	1,355	
D-000211	**City Wide Key Program**								
	1800 - Equipment Acquisition Consolidated Fund				118			118	
	Project Total				118			118	
D-000214	**City Hall Annex - Renovate Water System**								
	4509 - General Improvement Consol Constr Fd				777	56		833	
	Project Total				777	56		833	
D-000215	**City Hall Annex - Replace Sanitary Line**								
	4509 - General Improvement Consol Constr Fd				983	22		1,005	
	Project Total				983	22		1,005	
D-000216	**City Hall - Replace Sanitary Line**								
	4509 - General Improvement Consol Constr Fd					106		106	
	Project Total					106		106	
D-000217	**City Wide Access Control System Upgrade**								
	1800 - Equipment Acquisition Consolidated Fund					1,825		1,825	
	Project Total					1,825		1,825	
D-000218	**City Hall - Fire Alarm and PA System**								
	1800 - Equipment Acquisition Consolidated Fund					1,199		1,199	
	Project Total					1,199		1,199	
D-000219	**City Hall - Renovate Water System**								
	4509 - General Improvement Consol Constr Fd				1,189	56		1,245	
	Project Total				1,189	56		1,245	

GENERAL GOVERNMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
D-000220	**City Hall Annex - Fire Alarm and PA Sys**								
	1800 - Equipment Acquisition Consolidated Fund					1,540		1,540	
	Project Total					1,540		1,540	
D-000221	**City Wide Intrusion System Upgrade**								
	1800 - Equipment Acquisition Consolidated Fund					447		447	
	Project Total					447		447	
D-000223	**HVAC Replacements**								
	1800 - Equipment Acquisition Consolidated Fund		154	400	600	870		2,024	
	Project Total		154	400	600	870		2,024	
D-000224	**Roof Replacements**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E				1,759			1,759	
	4509 - General Improvement Consol Constr Fd		500			721	1,000	2,221	
	Project Total		500		1,759	721	1,000	3,980	
D-000226	**Facility Condition Reassessments**								
	4509 - General Improvement Consol Constr Fd		404	404	404			1,212	
	Project Total		404	404	404			1,212	
D-000228	**Rufus Cage Elementary**								
	4509 - General Improvement Consol Constr Fd		500	1,000				1,500	
	Project Total		500	1,000				1,500	
D-000SAL	**Salary Recovery**								
	4509 - General Improvement Consol Constr Fd		655	655	655			1,965	
	Future Bond Election					655	655	1,310	
	Project Total		655	655	655	655	655	3,275	

GENERAL GOVERNMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	2020	2021	2022	2023	2024	2020-2024
D-110001	**Dangerous Buildings Demolition**						
	1801 - Dangerous Building Consolidated Fund	1,350	1,000	2,000			4,350
	Project Total	1,350	1,000	2,000			4,350
D-160003	**Renovation of MCD space**						
	4509 - General Improvement Consol Constr Fd				1,030		1,030
	Project Total				1,030		1,030
D-200001	**HPW– HPC Land Purchase/Garage**						
	2301 - Building Inspection Fund	11,512		10,320	6,880		28,712
	Project Total	11,512		10,320	6,880		28,712
D-650005	**ARA - Parking Pay Station Replacement**						
	1850 - Reimbursement of Equipment/Projects Fund	2,000					2,000
	Project Total	2,000					2,000
D-650006	**BARC Sanitary Line Replacement**						
	4509 - General Improvement Consol Constr Fd				633		633
	Project Total				633		633
D-650007	**BARC Warehouse Replacement**						
	4509 - General Improvement Consol Constr Fd				103		103
	Future Bond Election					1,693	1,693
	Project Total				103	1,693	1,796
D-HARVEY	**GG HARVEY Restoration Projects**						
	4039 - Misc Cap. Projects/Acquisitions CP Ser E	15,604	15,272				30,876
	Project Total	15,604	15,272				30,876
	Total Appropriations:	35,040	18,781	20,924	16,633	4,598	95,976

GENERAL GOVERNMENT - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-25MTOP	**GSD - Maintenance Operations**							
	1800 - Equipment Acquisition Consolidated Fund		85	85	85		90	345
	9002 - Fleet/Equipment Special Revenue		76					76
	Project Total		161	85	85		90	421
Information Technology								
X-250002	**GSD - Real Estate Module**							
	1800 - Equipment Acquisition Consolidated Fund		416					416
	Project Total		416					416
	Total Appropriations:		**577**	**85**	**85**	**-**	**90**	**837**

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HEALTH FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land				3,843		3,843
Design	**803**	743		2,496		4,041
Construction	**23,631**	11,588	4,449	3,097	13,833	56,598
Equipment Acquisition	**313**		313			625
Salary Recovery	**439**	439	439	439	439	2,195
Other	**412**	138		59	260	869
Total Allocation	**25,598**	**12,908**	**5,200**	**9,934**	**14,532**	**68,172**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	**597**	4,002	313			4,911
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**888**					888
4508 - Public Health Consolidated Constr Fund	**24,112**	8,906	4,888	9,395	13,993	61,294
Future Bond Election				539	539	1,078
Total Funds	**25,598**	**12,908**	**5,200**	**9,934**	**14,532**	**68,172**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

PUBLIC HEALTH FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
H-000018	**Roof Replacement - Reconstruction**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		432					432	
	4508 - Public Health Consolidated Constr Fund				432			432	
	Project Total		432		432			865	
H-000063	**HVAC & MEP Improvement Project**								
	1800 - Equipment Acquisition Consolidated Fund		313		313			625	
	Project Total		313		313			625	
H-000079	**Generators for Immunization Refrigerator**								
	1800 - Equipment Acquisition Consolidated Fund		284					284	
	Project Total		284					284	
H-000080	**Southwest MSC - Renovation**								
	4508 - Public Health Consolidated Constr Fund			171	1,139			1,310	
	Project Total			171	1,139			1,310	
H-000083	**Transfer Switches/Generators HC Sites**								
	1800 - Equipment Acquisition Consolidated Fund			2,155				2,155	
	Project Total			2,155				2,155	
H-000084	**Northeast MSC Renovation**								
	4508 - Public Health Consolidated Constr Fund		228	1,519				1,747	
	Project Total		228	1,519				1,747	
H-000091	**Sunnyside MSC/HC**								
	4508 - Public Health Consolidated Constr Fund		22,794					22,794	
	Project Total		22,794					22,794	
H-000093	**Third Ward MSC & HC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					421	2,808	3,229	
	Project Total					421	2,808	3,229	

PUBLIC HEALTH FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
H-000094	**West End HC - Renovation**								
	4508 - Public Health Consolidated Constr Fund			235	2,777			3,012	
	Project Total			235	2,777			3,012	
H-000095	**West End MSC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					345	4,173	4,518	
	Project Total					345	4,173	4,518	
H-000096	**Fifth Ward MSC - Foundation, Roof**								
	4508 - Public Health Consolidated Constr Fund		342	3,415				3,757	
	Project Total		342	3,415				3,757	
H-000106	**La Nueva Casa HC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					407	2,774	3,181	
	Project Total					407	2,774	3,181	
H-000111	**Environmental Remediation**								
	4508 - Public Health Consolidated Constr Fund		100	100	100			300	
	Future Bond Election					100	100	200	
	Project Total		100	100	100	100	100	500	
H-000114	**La Nueva Casa HC - Parking Expansion**								
	4508 - Public Health Consolidated Constr Fund					2,445		2,445	
	Project Total					2,445		2,445	
H-000115	**Third Ward MSC & HC -Parking/Bike Trail**								
	4508 - Public Health Consolidated Constr Fund					1,241		1,241	
	Project Total					1,241		1,241	
H-000116	**Magnolia MSC & HC- Parking Lot Expansion**								
	4508 - Public Health Consolidated Constr Fund					1,954		1,954	
	Project Total					1,954		1,954	

PUBLIC HEALTH FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
H-000117	**Commerce Warehouse - Expansion**								
	4508 - Public Health Consolidated Constr Fund					117	736	853	
	Project Total					117	736	853	
H-000120	**Transfer Switches/Generators MSC Sites**								
	1800 - Equipment Acquisition Consolidated Fund			1,539				1,539	
	Project Total			1,539				1,539	
H-000121	**Commerce Warehouse - Generator**								
	1800 - Equipment Acquisition Consolidated Fund			308				308	
	Project Total			308				308	
H-000122	**Riverside HC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					514	3,501	4,015	
	Project Total					514	3,501	4,015	
H-000123	**Denver Harbor MSC - Renovation**								
	4508 - Public Health Consolidated Constr Fund		123	2,452				2,575	
	Project Total		123	2,452				2,575	
H-000124	**Vital Statistics Redesign**								
	4508 - Public Health Consolidated Constr Fund		86	575				661	
	Project Total		86	575				661	
H-000423	**Hiram Clarke MSC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					845		845	
	Project Total					845		845	
H-000424	**Magnolia MSCC - Renovation**								
	4508 - Public Health Consolidated Constr Fund					1,107		1,107	
	Project Total					1,107		1,107	

PUBLIC HEALTH FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
H-000SAL	**Salary Recovery**								
	4508 - Public Health Consolidated Constr Fund		439	439	439			1,317	
	Future Bond Election					439	439	878	
	Project Total		439	439	439	439	439	2,195	
H-HARVEY	**HHD HARVEY Restoration Projects**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		456					456	
	Project Total		456					456	
	Total Appropriations:		25,598	12,908	5,200	9,934	14,532	68,172	

HEALTH - Department Related Projects
2020-2024 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					2020 - 2024
CIP No.			2020	2021	2022	2023	2024	
Fleet								
W-38OPER	**HHD - Health Operations**							
	1800 - Equipment Acquisition Consolidated Fund		71	73	75	77	79	375
	2002 - Health Special Revenue		525	70	70	70		735
	2009 - Swimming Pool Safety			70	70	70		210
	2423 - Special Waste Transportation & Inspect			70	105	70		245
	5030 - Federal State Local - Pass Through Fund		22					22
	Project Total		618	283	320	287	79	1,587
	Total Appropriations:		**618**	**283**	**320**	**287**	**79**	**1,587**

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HOMELESS & HOUSING FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land						
Design						
Construction	**880**	880	880	880	880	4,400
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	**880**	**880**	**880**	**880**	**880**	**4,400**
Source of Funds						
4501 - Homeless & Housing Consolidated Fund	**880**	880	880	880	880	4,400
Total Funds	**880**	**880**	**880**	**880**	**880**	**4,400**

HOMELESS & HOUSING FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
P-000014	**Affordable Housing Project**								
	4501 - Homeless & Housing Consolidated Fund		880	880	880	880	880	4,400	
	Project Total		880	880	880	880	880	4,400	
	Total Appropriations:		880	880	880	880	880	4,400	

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INFORMATION TECHNOLOGY

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Initiating						
Planning						
Executing	**18,497**	7,706	7,825	8,530	6,300	48,858
Monitoring & Controlling						
Closing						
Total Allocation	**18,497**	**7,706**	**7,825**	**8,530**	**6,300**	**48,858**
Source of Funds						
1001 - Project Cost Recovery	**269**					269
1800 - Equipment Acquisition Consolidated Fund	**14,962**	7,706	7,825	8,530	6,300	45,323
2301 - Building Inspection Fund	**557**					557
2302 - Stormwater Fund	**286**					286
2310 - Dedicated Drainage & Street Renewal	**443**					443
2402 - Greater Houston Trans & Emer Center	**7**					7
8305 - HPW-Combined Utility System Gen Pur Fund	**1,971**					1,971
Total Funds	**18,497**	**7,706**	**7,825**	**8,530**	**6,300**	**48,858**

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
X-100007	**HPD - Operational Systems Refresh**								
	1800 - Equipment Acquisition Consolidated Fund		300	300		200		800	
	Project Total		300	300		200		800	
X-100014	**HPD - Smartphone App Internal**								
	1800 - Equipment Acquisition Consolidated Fund		268					268	
	Project Total		268					268	
X-100017	**HPD - Video Growth/Storage Expansion**								
	1800 - Equipment Acquisition Consolidated Fund		333				300	633	
	Project Total		333				300	633	
X-100023	**HPD - IT Equipment**								
	1800 - Equipment Acquisition Consolidated Fund		1,951					1,951	
	Project Total		1,951					1,951	
X-100028	**HPD - City-County Software Interface**								
	1800 - Equipment Acquisition Consolidated Fund		300					300	
	Project Total		300					300	
X-100031	**HPD - Command Center Video Wall**								
	1800 - Equipment Acquisition Consolidated Fund		55					55	
	Project Total		55					55	
X-100032	**HPD - Air Support Inventory Contl System**								
	1800 - Equipment Acquisition Consolidated Fund		57					57	
	Project Total		57					57	
X-100035	**HPD - Crime Analysis Integrated System**								
	1800 - Equipment Acquisition Consolidated Fund		585					585	
	Project Total		585					585	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-100050	**HPD - Mobile Technology Refresh**								
	1800 - Equipment Acquisition Consolidated Fund					525	1,000	1,525	
	Project Total					525	1,000	1,525	
X-100052	**HPD - Body Cameras**								
	1800 - Equipment Acquisition Consolidated Fund		539				800	1,339	
	Project Total		539				800	1,339	
X-120007	**HFD - EAS Upgrade**								
	1800 - Equipment Acquisition Consolidated Fund					2,000	500	2,500	
	Project Total					2,000	500	2,500	
X-150018	**HEC - Audio-Video Refresh**								
	1800 - Equipment Acquisition Consolidated Fund		571					571	
	Project Total		571					571	
X-160004	**MCD - Court Technology Upgrades**								
	1800 - Equipment Acquisition Consolidated Fund		188					188	
	Project Total		188					188	
X-250002	**GSD - Real Estate Module**								
	1800 - Equipment Acquisition Consolidated Fund		416					416	
	Project Total		416					416	
X-340010	**HPL - Radio Frequency ID Technology**								
	1800 - Equipment Acquisition Consolidated Fund			417				417	
	Project Total			417				417	
X-340014	**HPL - Public Facing Computers**								
	1800 - Equipment Acquisition Consolidated Fund		313			200	200	713	
	Project Total		313			200	200	713	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-510002	**OBO - MWBE Automation**								
	1001 - Project Cost Recovery		1					1	
	1800 - Equipment Acquisition Consolidated Fund		78					78	
	2301 - Building Inspection Fund		2					2	
	2302 - Stormwater Fund		1					1	
	2310 - Dedicated Drainage & Street Renewal		2					2	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		8					8	
	Project Total		92					92	
X-640001	**FIN - SAP CIP Enhancements**								
	1800 - Equipment Acquisition Consolidated Fund		53			25		78	
	Project Total		53			25		78	
X-640017	**FIN - SAP Budgeting Software**								
	1800 - Equipment Acquisition Consolidated Fund		500	1,625				2,125	
	Project Total		500	1,625				2,125	
X-640018	**FIN - Contract/Procurement Mgt System**								
	1800 - Equipment Acquisition Consolidated Fund		1,000			1,300		2,300	
	Project Total		1,000			1,300		2,300	
X-640021	**FIN - SAP Proj. Capitalization Workflow**								
	1800 - Equipment Acquisition Consolidated Fund		106					106	
	Project Total		106					106	
X-640026	**FIN - Inventory Tracking/Asset Models**								
	1800 - Equipment Acquisition Consolidated Fund		100	400				500	
	Project Total		100	400				500	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-650011	**311 Replacement**								
	1001 - Project Cost Recovery		84					84	
	1800 - Equipment Acquisition Consolidated Fund		622	1,035				1,657	
	2301 - Building Inspection Fund		174					174	
	2302 - Stormwater Fund		89					89	
	2310 - Dedicated Drainage & Street Renewal		138					138	
	2402 - Greater Houston Trans & Emer Center		2					2	
	8305 - HPW-Combined Utility System Gen Pur Fund		614					614	
	Project Total		1,723	1,035				2,758	
X-680003	**Data Center Refresh**								
	1800 - Equipment Acquisition Consolidated Fund			1,000	500			1,500	
	Project Total			1,000	500			1,500	
X-680015	**Network Refresh**								
	1001 - Project Cost Recovery		167					167	
	1800 - Equipment Acquisition Consolidated Fund		1,350		2,517		1,000	4,867	
	2301 - Building Inspection Fund		346					346	
	2302 - Stormwater Fund		178					178	
	2310 - Dedicated Drainage & Street Renewal		275					275	
	2402 - Greater Houston Trans & Emer Center		5					5	
	8305 - HPW-Combined Utility System Gen Pur Fund		1,225					1,225	
	Project Total		3,546		2,517		1,000	7,063	
X-680022	**Server/Storage Upgrades/Enhancements**								
	1800 - Equipment Acquisition Consolidated Fund		600	300	1,708			2,608	
	Project Total		600	300	1,708			2,608	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-680023	**Network Security Tools**								
	1800 - Equipment Acquisition Consolidated Fund		50					50	
	Project Total		50					50	
X-680026	**SAP Tools Optimization**								
	1001 - Project Cost Recovery		5					5	
	2301 - Building Inspection Fund		11					11	
	2302 - Stormwater Fund		6					6	
	2310 - Dedicated Drainage & Street Renewal		9					9	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		40					40	
	Project Total		72					72	
X-680030	**HITS - Citywide PC Replacement**								
	1800 - Equipment Acquisition Consolidated Fund		1,000	1,000	1,000	1,055	2,000	6,055	
	Project Total		1,000	1,000	1,000	1,055	2,000	6,055	
X-680032	**Network Equipment Spares**								
	1800 - Equipment Acquisition Consolidated Fund		40	40				80	
	Project Total		40	40				80	
X-680035	**Application Development**								
	1800 - Equipment Acquisition Consolidated Fund		222					222	
	Project Total		222					222	
X-680036	**Desktop OS Upgrade**								
	1800 - Equipment Acquisition Consolidated Fund		536	268				804	
	Project Total		536	268				804	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-680037	**EAS EGIS Infrastructure Refresh Phase II**								
	1001 - Project Cost Recovery		4					4	
	1800 - Equipment Acquisition Consolidated Fund		268					268	
	2301 - Building Inspection Fund		8					8	
	2302 - Stormwater Fund		4					4	
	2310 - Dedicated Drainage & Street Renewal		6					6	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		27					27	
	Project Total		316					316	
X-680038	**IT Help Desk Software Upgrades**								
	1800 - Equipment Acquisition Consolidated Fund		107					107	
	Project Total		107					107	
X-680039	**Legacy Application Redesign**								
	1800 - Equipment Acquisition Consolidated Fund		120					120	
	Project Total		120					120	
X-680040	**Master Data Management**								
	1800 - Equipment Acquisition Consolidated Fund		259					259	
	Project Total		259					259	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-680041	**SAP Server Storage**								
	1001 - Project Cost Recovery		2					2	
	1800 - Equipment Acquisition Consolidated Fund		134					134	
	2301 - Building Inspection Fund		4					4	
	2302 - Stormwater Fund		2					2	
	2310 - Dedicated Drainage & Street Renewal		3					3	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		13					13	
	Project Total		158					158	
X-680042	**SAP System to Monitor Interfaces**								
	1001 - Project Cost Recovery		5					5	
	1800 - Equipment Acquisition Consolidated Fund		375	321				696	
	2301 - Building Inspection Fund		11					11	
	2302 - Stormwater Fund		5					5	
	2310 - Dedicated Drainage & Street Renewal		8					8	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		37					37	
	Project Total		442	321				763	
X-680044	**Managed Contract Services**								
	1800 - Equipment Acquisition Consolidated Fund		441		350			791	
	Project Total		441		350			791	
X-680058	**HITS - Public Safety Radio Replacement**								
	1800 - Equipment Acquisition Consolidated Fund						500	500	
	Project Total						500	500	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-680060	**HITS - Public Safety CAD Replacement**								
	1800 - Equipment Acquisition Consolidated Fund			1,000				1,000	
	Project Total			1,000				1,000	
X-680062	**HITS - SAP Update to S4 HANA**								
	1800 - Equipment Acquisition Consolidated Fund				1,750	1,750		3,500	
	Project Total				1,750	1,750		3,500	
X-680064	**HITS - SAP Infrastructure Refresh**								
	1800 - Equipment Acquisition Consolidated Fund		604					604	
	Project Total		604					604	
X-680066	**HITS - SAP Disaster Recovery Cloud**								
	1800 - Equipment Acquisition Consolidated Fund		446					446	
	Project Total		446					446	
X-68C001	**Firewall Replacement**								
	1800 - Equipment Acquisition Consolidated Fund					975		975	
	Project Total					975		975	
X-800009	**HR - SAP Death Benefit Form Automation**								
	1001 - Project Cost Recovery		1					1	
	1800 - Equipment Acquisition Consolidated Fund		75					75	
	2301 - Building Inspection Fund		2					2	
	2302 - Stormwater Fund		1					1	
	2310 - Dedicated Drainage & Street Renewal		2					2	
	2402 - Greater Houston Trans & Emer Center								
	8305 - HPW-Combined Utility System Gen Pur Fund		7					7	
	Project Total		88					88	

INFORMATION TECHNOLOGY IMPROVEMENTS - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
X-900001	**LGL - Case Mgt System Replacement**								
	1800 - Equipment Acquisition Consolidated Fund					500		500	
	Project Total					500		500	
	Total Appropriations:		18,497	7,706	7,825	8,530	6,300	48,858	

INFORMATION TECHNOLOGY IMPROVEMENTS - Department Related
Projects 2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-68ADSP	**HITS - Admin Support / Operations**							
	1800 - Equipment Acquisition Consolidated Fund		24	24	25	26	26	125
		Project Total	24	24	25	26	26	125
		Total Appropriations:	**24**	**24**	**25**	**26**	**26**	**125**

LIBRARY FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land					1,545	1,545
Design	**321**		66			387
Construction	**14,839**	6,169	975	500	900	23,383
Equipment Acquisition	**1,000**	474	197			1,671
Salary Recovery	**330**	330	330	330	330	1,650
Other	**263**	108	13			384
Total Allocation	**16,753**	**7,081**	**1,581**	**830**	**2,775**	**29,020**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund			197			197
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**1,334**	2,488				3,822
4507 - Public Library Consolidated Constr Fund	**15,419**	4,593	1,384	830	2,775	25,001
Total Funds	**16,753**	**7,081**	**1,581**	**830**	**2,775**	**29,020**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

LIBRARY FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
E-000163	**Environmental Remediation**								
	4507 - Public Library Consolidated Constr Fund		50	50			50	150	
	Project Total		50	50			50	150	
E-000236	**HVAC Replacements**								
	4507 - Public Library Consolidated Constr Fund						350	350	
	Project Total						350	350	
E-000238	**New Midtown (Montrose Replacement)**								
	4507 - Public Library Consolidated Constr Fund		407	4,213				4,620	
	Project Total		407	4,213				4,620	
E-000240	**Pleasantville Library TechLink**								
	1800 - Equipment Acquisition Consolidated Fund				197			197	
	4507 - Public Library Consolidated Constr Fund				554			554	
	Project Total				751			751	
E-000242	**Roof Replacements & Envelope**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		500	500				1,000	
	4507 - Public Library Consolidated Constr Fund				500	500	500	1,500	
	Project Total		500	500	500	500	500	2,500	
E-000244	**Hispanic History Research Center**								
	4507 - Public Library Consolidated Constr Fund						1,545	1,545	
	Project Total						1,545	1,545	
E-000246	**HPL - JIB Structural Repairs Phase 1**								
	4507 - Public Library Consolidated Constr Fund		275					275	
	Project Total		275					275	

LIBRARY FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
E-000262	**New Westbury Library**								
	4507 - Public Library Consolidated Constr Fund		14,357					14,357	
		Project Total	14,357					14,357	
E-000SAL	**Salary Recovery**								
	4507 - Public Library Consolidated Constr Fund		330	330	330	330	330	1,650	
		Project Total	330	330	330	330	330	1,650	
E-HARVEY	**HPL HARVEY Restoration Projects**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		834	1,988				2,822	
		Project Total	834	1,988				2,822	
		Total Appropriations:	16,753	7,081	1,581	830	2,775	29,020	

LIBRARY - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-34WHDB	**HPL - Warehouse and Distribution**							
	1800 - Equipment Acquisition Consolidated Fund		28	29	30	31	32	150
		Project Total	28	29	30	31	32	150
Information Technology								
X-340010	**HPL - Radio Frequency ID Technology**							
	1800 - Equipment Acquisition Consolidated Fund			417				417
		Project Total		417				417
X-340014	**HPL - Public Facing Computers**							
	1800 - Equipment Acquisition Consolidated Fund		313			200	200	713
		Project Total	313			200	200	713
		Total Appropriations:	**341**	**446**	**30**	**231**	**232**	**1,280**

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PARKS & RECREATION FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning			53			53
Acquisition-Land				5,000		5,000
Design	**1,627**	1,152	12,948	3,923	2,046	21,696
Construction	**21,574**	6,407	6,368	6,746	26,582	67,677
Equipment Acquisition						
Salary Recovery	**1,015**	1,015	1,015	1,015	1,015	5,075
Other	**82**	10	11	59	408	570
Total Allocation	**24,298**	**8,583**	**20,395**	**16,743**	**30,051**	**100,071**
Source of Funds						
2425 - Woodlands Regional Participation	**1,651**					1,651
4035 - Parks & Recreation Dedication Fund	**451**	100				551
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**3,642**					3,642
4502 - Parks Consolidated Construction Fund	**10,809**	6,483	7,395	15,542	30,051	70,281
5010 - State - Grant Funded	**1,000**					1,000
5030 - Federal State Local - Pass Through Fund	**649**		9,000			9,649
5040 - Other Government - Grant Funded	**147**		3,000			3,147
Frds Of Lee LeClear	**2,000**	1,000				3,000
Private Funding	**3,450**					3,450
Proposed HGAC				201		201
TIRZ	**500**	1,000	1,000	1,000		3,500
Total Funds	**24,298**	**8,583**	**20,395**	**16,743**	**30,051**	**100,071**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
F-000509	**Environmental Remediation**								
	4502 - Parks Consolidated Construction Fund		350	350	325	350	350	1,725	
	Project Total		350	350	325	350	350	1,725	
F-000640	**Pavilion Replacements**								
	4502 - Parks Consolidated Construction Fund					42	1,760	1,802	
	Project Total					42	1,760	1,802	
F-000675	**Design Services for Various Parks**								
	4502 - Parks Consolidated Construction Fund			305	305	305		915	
	Project Total			305	305	305		915	
F-000703	**Swimming Pool Upgrades**								
	4502 - Parks Consolidated Construction Fund		588	617	661	662	692	3,220	
	Project Total		588	617	661	662	692	3,220	
F-000704	**Sylvan Rodriguez Community Center**								
	4502 - Parks Consolidated Construction Fund					943	7,560	8,503	
	Project Total					943	7,560	8,503	
F-000708	**Playground Replacements**								
	4035 - Parks & Recreation Dedication Fund		100	100				200	
	4502 - Parks Consolidated Construction Fund		856	98	1,024	1,064	1,064	4,106	
	Project Total		956	198	1,024	1,064	1,064	4,306	
F-000710	**Parks Facilities Roof Replacements**								
	4502 - Parks Consolidated Construction Fund		327	1,407	320	320	320	2,695	
	Project Total		327	1,407	320	320	320	2,695	

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-000782	**International District Trail Development**								
	4502 - Parks Consolidated Construction Fund					172	245	417	
	Proposed HGAC					201		201	
	Project Total					373	245	618	
F-000783	**Sharpstown Pool Replacement and Bldg Imp**								
	TIRZ				1,000	1,000		2,000	
	Project Total				1,000	1,000		2,000	
F-000784	**Lee LeClear Tennis Center Improvement**								
	Frds Of Lee LeClear		2,000	1,000				3,000	
	TIRZ		500	1,000				1,500	
	Project Total		2,500	2,000				4,500	
F-000785	**Edgewood Park Community Center**								
	4502 - Parks Consolidated Construction Fund		711			866	6,100	7,677	
	Project Total		711			866	6,100	7,677	
F-000788	**Hermann Park (Conservancy)**								
	2425 - Woodlands Regional Participation		1,000					1,000	
	4502 - Parks Consolidated Construction Fund		1,000					1,000	
	Private Funding		3,450					3,450	
	Project Total		5,450					5,450	
F-000817	**Houston Amateur Sports Park (HASP)**								
	4502 - Parks Consolidated Construction Fund		811					811	
	Project Total		811					811	
F-000832	**Fuel Tank Replacement - Memorial**								
	4502 - Parks Consolidated Construction Fund					299		299	
	Project Total					299		299	

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-000834	**Fuel Tank Replacement - Capital**								
	4502 - Parks Consolidated Construction Fund			288				288	
	Project Total			288				288	
F-000835	**Fuel Tank Replacement - MLK**								
	4502 - Parks Consolidated Construction Fund			202				202	
	Project Total			202				202	
F-000838	**Fuel Tank Replacement - Wallisville**								
	4502 - Parks Consolidated Construction Fund		322					322	
	Project Total		322					322	
F-000844	**Marian Park Sprayground Repairs**								
	4502 - Parks Consolidated Construction Fund		246					246	
	Project Total		246					246	
F-000845	**Splashpad Renovations**								
	4502 - Parks Consolidated Construction Fund		18	264	229	299	311	1,121	
	Project Total		18	264	229	299	311	1,121	
F-000846	**Ball Field Lighting Upgrade**								
	4502 - Parks Consolidated Construction Fund		375	79	507			961	
	Project Total		375	79	507			961	
F-000848	**Friendship Pavilion**								
	4502 - Parks Consolidated Construction Fund				682			682	
	Project Total				682			682	
F-000849	**Restroom Building Upgrades**								
	4502 - Parks Consolidated Construction Fund		200	106	371			677	
	Project Total		200	106	371			677	

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-000851	**Ingrando Park Parking Lot**								
	4502 - Parks Consolidated Construction Fund				122	938		1,060	
	Project Total				122	938		1,060	
F-000852	**Houston Bike Plan Implementation**								
	4502 - Parks Consolidated Construction Fund			1,167	1,167	1,167	1,100	4,601	
	Project Total			1,167	1,167	1,167	1,100	4,601	
F-000853	**Brock Adventure Park (BAP)**								
	4502 - Parks Consolidated Construction Fund		1,030		235	190		1,455	
	5010 - State - Grant Funded		1,000					1,000	
	Project Total		2,030		235	190		2,455	
F-000856	**Independence Heights Park and Comm Cntr**								
	4502 - Parks Consolidated Construction Fund					773		773	
	Project Total					773		773	
F-000857	**Brock Park Bridge**								
	4502 - Parks Consolidated Construction Fund		1,154					1,154	
	Project Total		1,154					1,154	
F-000860	**Buffalo Bayou Wall Failure**								
	4502 - Parks Consolidated Construction Fund				379			379	
	Project Total				379			379	
F-000861	**Delce Pavilion Replacement**								
	4502 - Parks Consolidated Construction Fund					134	1,197	1,331	
	Project Total					134	1,197	1,331	
F-000862	**Lift Station Renovations**								
	4502 - Parks Consolidated Construction Fund					228		228	
	Project Total					228		228	

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-000863	**Bricker Pavilion Renovation**								
	4502 - Parks Consolidated Construction Fund					110	1,300	1,410	
	Project Total					110	1,300	1,410	
F-000864	**Bissonnet Maintenance Facility**								
	4502 - Parks Consolidated Construction Fund				53	325	2,000	2,378	
	Project Total				53	325	2,000	2,378	
F-000865	**Finnigan Pavilion Replacement**								
	4502 - Parks Consolidated Construction Fund					164	2,000	2,164	
	Project Total					164	2,000	2,164	
F-000866	**Agnes Moffitt Park Pavilion Renovation**								
	4502 - Parks Consolidated Construction Fund					176	1,525	1,701	
	Project Total					176	1,525	1,701	
F-000869	**New Community Center**								
	4502 - Parks Consolidated Construction Fund					5,000	943	5,943	
	Project Total					5,000	943	5,943	
F-000871	**Memorial to San Felipe Hike & Bike Trail**								
	5030 - Federal State Local - Pass Through Fund		649		9,000			9,649	
	5040 - Other Government - Grant Funded		147		3,000			3,147	
	Project Total		796		12,000			12,796	
F-000874	**Hermann Square Park-Paver Replacements**								
	4035 - Parks & Recreation Dedication Fund		351					351	
	4502 - Parks Consolidated Construction Fund		1,231					1,231	
	Project Total		1,582					1,582	

PARKS AND RECREATION FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
F-000876	**Brock Park Clubhouse - Force Main**								
	4502 - Parks Consolidated Construction Fund		450					450	
	Project Total		450					450	
F-000878	**Independence Heights Roof Replacement**								
	4502 - Parks Consolidated Construction Fund		45	175				220	
	Project Total		45	175				220	
F-000880	**Mason Park Roof Replacement**								
	4502 - Parks Consolidated Construction Fund		80	409			569	1,058	
	Project Total		80	409			569	1,058	
F-000SAL	**Salary Recovery**								
	4502 - Parks Consolidated Construction Fund		1,015	1,015	1,015	1,015	1,015	5,075	
	Project Total		1,015	1,015	1,015	1,015	1,015	5,075	
F-HARVEY	**PRD HARVEY Restoration Projects**								
	2425 - Woodlands Regional Participation		651					651	
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		3,642					3,642	
	Project Total		4,292					4,292	
	Total Appropriations:		24,298	8,583	20,395	16,743	30,051	100,071	

PARKS - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-36GMUF	**PRD - Ground Maintenance/Urban Forestry**							
	1800 - Equipment Acquisition Consolidated Fund		344	354	365	376	387	1,826
	2100 - Park Special Revenue Fund		32	45	32	45	32	185
	9002 - Fleet/Equipment Special Revenue		90					90
	Project Total		466	399	397	421	419	2,101
	Total Appropriations:		**466**	**399**	**397**	**421**	**419**	**2,102**

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POLICE FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land						
Design			65	88		153
Construction	**14,337**	42,764	4,004	4,418	2,234	67,757
Equipment Acquisition	**2,056**	1,442	1,457	2,113	2,320	9,388
Salary Recovery	**941**	941	941	941	941	4,705
Other	**69**	413	12	10		504
Total Allocation	**17,403**	**45,560**	**6,479**	**7,570**	**5,495**	**82,507**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund	**2,036**	1,422	1,437	2,093	2,300	9,288
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**7,533**	24,000	1,792	1,236		34,561
4504 - Police Consolidated Construction Fund	**7,814**	9,418	3,230	4,221	3,175	27,858
Grants	**20**	20	20	20	20	100
TIRZ		10,700				10,700
Total Funds	**17,403**	**45,560**	**6,479**	**7,570**	**5,495**	**82,507**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

POLICE FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
G-000128	**Roof Replacement-Various HPD Facilities**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		972		1,069	649		2,690	
	4504 - Police Consolidated Construction Fund		1,028	2,000	931	1,351	2,000	7,310	
	Project Total		2,000	2,000	2,000	2,000	2,000	10,000	
G-000144	**Environmental Remediation**								
	4504 - Police Consolidated Construction Fund		150	150	150	150	234	834	
	Project Total		150	150	150	150	234	834	
G-000150	**Police Academy Improvements**								
	4504 - Police Consolidated Construction Fund				1,108	808		1,916	
	Project Total				1,108	808		1,916	
G-000153	**Facility Paving Improvements**								
	4504 - Police Consolidated Construction Fund		440	100	100	100		740	
	Project Total		440	100	100	100		740	
G-000160	**Fuel Tank Replacement - Mykawa**								
	4504 - Police Consolidated Construction Fund		1,606					1,606	
	Project Total		1,606					1,606	
G-000162	**Mounted Patrol Site Improvements**								
	4504 - Police Consolidated Construction Fund					782		782	
	Project Total					782		782	
G-000164	**Westside Command Station Improvements**								
	4504 - Police Consolidated Construction Fund		699					699	
	Project Total		699					699	

POLICE FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
G-000165	**North Belt Police Station**								
	4504 - Police Consolidated Construction Fund			6,017				6,017	
	TIRZ			10,700				10,700	
	Project Total			16,717				16,717	
G-000170	**Storage & Maintenance Building**								
	4504 - Police Consolidated Construction Fund					89		89	
	Project Total					89		89	
G-000176	**HVAC Replacements**								
	1800 - Equipment Acquisition Consolidated Fund		1,447	833		800	800	3,880	
	Project Total		1,447	833		800	800	3,880	
G-000180	**Police Headquarters Fire Safety System**								
	4504 - Police Consolidated Construction Fund		650					650	
	Project Total		650					650	
G-000182	**Security Upgrades**								
	1800 - Equipment Acquisition Consolidated Fund				543	543	500	1,586	
	Project Total				543	543	500	1,586	
G-000184	**Office Renovations**								
	4504 - Police Consolidated Construction Fund		500	210				710	
	Project Total		500	210				710	
G-000188	**HPD HQ Garage Waterproofing**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		659					659	
	Project Total		659					659	
G-000196	**Police Academy Lead & Equipment**								
	4504 - Police Consolidated Construction Fund		1,800					1,800	
	Project Total		1,800					1,800	

POLICE FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
G-000SAL	**Salary Recovery**								
	4504 - Police Consolidated Construction Fund		941	941	941	941	941	4,705	
	Project Total		941	941	941	941	941	4,705	
G-EQ0001	**Body Armor Replacement**								
	1800 - Equipment Acquisition Consolidated Fund		589	589	894	750	1,000	3,822	
	Grants		20	20	20	20	20	100	
	Project Total		609	609	914	770	1,020	3,922	
G-HARVEY	**HPD HARVEY Restoration Projects**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		5,902	24,000	723	587		31,212	
	Project Total		5,902	24,000	723	587		31,212	
	Total Appropriations:		17,403	45,560	6,479	7,570	5,495	82,507	

POLICE - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-10ADSP	**HPD - Admin Support / Operations**							
	4504 - Police Consolidated Construction Fund		102					102
		Project Total	102					102
W-10ERES	**HPD - Emergency Response Vehicles**							
	4504 - Police Consolidated Construction Fund		7,889	10,439	10,752	11,074	11,407	51,561
		Project Total	7,889	10,439	10,752	11,074	11,407	51,561
W-10HVEY	**HPD - Harvey Vehicles Recovery**							
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		2,762					2,762
		Project Total	2,762					2,762
W-10INVG	**HPD - Investigative Vehicles**							
	4504 - Police Consolidated Construction Fund		1,693	2,380	2,452	2,525	2,601	11,651
		Project Total	1,693	2,380	2,452	2,525	2,601	11,651
Information Technology								
X-100007	**HPD - Operational Systems Refresh**							
	1800 - Equipment Acquisition Consolidated Fund		300	300		200		800
		Project Total	300	300		200		800
X-100014	**HPD - Smartphone App Internal**							
	1800 - Equipment Acquisition Consolidated Fund		268					268
		Project Total	268					268
X-100017	**HPD - Video Growth/Storage Expansion**							
	1800 - Equipment Acquisition Consolidated Fund		333				300	633
		Project Total	333				300	633
X-100023	**HPD - IT Equipment**							
	1800 - Equipment Acquisition Consolidated Fund		1,951					1,951
		Project Total	1,951					1,951
X-100028	**HPD - City-County Software Interface**							
	1800 - Equipment Acquisition Consolidated Fund		300					300
		Project Total	300					300

POLICE - Department Related Projects
2020-2024 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					2020 - 2024
CIP No.			2020	2021	2022	2023	2024	
X-100031	**HPD - Command Center Video Wall**							
	1800 - Equipment Acquisition Consolidated Fund		55					55
		Project Total	55					55
X-100032	**HPD - Air Support Inventory Contl System**							
	1800 - Equipment Acquisition Consolidated Fund		57					57
		Project Total	57					57
X-100035	**HPD - Crime Analysis Integrated System**							
	1800 - Equipment Acquisition Consolidated Fund		585					585
		Project Total	585					585
X-100050	**HPD - Mobile Technology Refresh**							
	1800 - Equipment Acquisition Consolidated Fund					525	1,000	1,525
		Project Total				525	1,000	1,525
X-100052	**HPD - Body Cameras**							
	1800 - Equipment Acquisition Consolidated Fund		539				800	1,339
		Project Total	539				800	1,339
		Total Appropriations:	**16,834**	**13,119**	**13,204**	**14,324**	**16,108**	**73,589**

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SOLID WASTE MANAGEMENT FACILITIES

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land						
Design		30	30	30		89
Construction	**10,258**	1,690	1,061	1,122	771	14,901
Equipment Acquisition		93		92		185
Salary Recovery	**365**	365	365	365	365	1,825
Other	**165**					165
Total Allocation	**10,788**	**2,177**	**1,456**	**1,609**	**1,136**	**17,165**
Source of Funds						
1800 - Equipment Acquisition Consolidated Fund		573	298	390		1,262
4039 - Misc Cap. Projects/Acquisitions CP Ser E	**661**					661
4503 - Solid Waste Consolidated Construction Fd	**10,127**	1,604	1,157	754	571	14,213
Future Bond Election				465	565	1,030
Total Funds	**10,788**	**2,177**	**1,456**	**1,609**	**1,136**	**17,165**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

SOLID WASTE FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
L-000046	**Equipment Replacement**								
	1800 - Equipment Acquisition Consolidated Fund					92		92	
	Project Total					92		92	
L-000048	**Roof Replacements**								
	4039 - Misc Cap. Projects/Acquisitions CP Ser E		661					661	
	4503 - Solid Waste Consolidated Construction Fd			367	240	268		875	
	Project Total		661	367	240	268		1,536	
L-000052	**Environmental Services**								
	4503 - Solid Waste Consolidated Construction Fd		267	267	167			701	
	Future Bond Election					100	200	300	
	Project Total		267	267	167	100	200	1,001	
L-000078	**New Multi-Use SWD Facility**								
	4503 - Solid Waste Consolidated Construction Fd		9,432					9,432	
	Project Total		9,432					9,432	
L-000086	**Concrete & Pavement Repairs**								
	4503 - Solid Waste Consolidated Construction Fd		63	63	63	285		473	
	Project Total		63	63	63	285		473	
L-000102	**Oil Storage Tank Containments**								
	1800 - Equipment Acquisition Consolidated Fund			182				182	
	Project Total			182				182	
L-000103	**Roll-off Covers for Dumpsters**								
	1800 - Equipment Acquisition Consolidated Fund			93				93	
	Project Total			93				93	

SOLID WASTE FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
L-000104	**Occupancy Code Compliance**								
	4503 - Solid Waste Consolidated Construction Fd			330	110	110		551	
	Project Total			330	110	110		551	
L-000105	**Locker Room Upgrades - Svc Centers**								
	4503 - Solid Waste Consolidated Construction Fd			212	212	42		467	
	Project Total			212	212	42		467	
L-000106	**Public Parking Addition-9003 N. Main**								
	4503 - Solid Waste Consolidated Construction Fd					48	571	619	
	Project Total					48	571	619	
L-000107	**Bioremediation of Pollution Controls**								
	1800 - Equipment Acquisition Consolidated Fund			298	298	298		895	
	Project Total			298	298	298		895	
L-000SAL	**Salary Recovery**								
	4503 - Solid Waste Consolidated Construction Fd		365	365	365			1,095	
	Future Bond Election					365	365	730	
	Project Total		365	365	365	365	365	1,825	
	Total Appropriations:		10,788	2,177	1,456	1,609	1,136	17,165	

SOLID WASTE - Department Related Projects
2020-2024 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 2020	2021	2022	2023	2024	2020 - 2024
Fleet								
W-21ADSP	**SWD - Admin Support / Operations**							
	1800 - Equipment Acquisition Consolidated Fund		123	243	250	257	265	1,138
	9002 - Fleet/Equipment Special Revenue		68					68
		Project Total	191	243	250	257	265	1,206
W-21ATSH	**SWD - Automated Trash Vehicles**							
	1800 - Equipment Acquisition Consolidated Fund		4,044	3,085	3,177	3,273	3,371	16,950
		Project Total	4,044	3,085	3,177	3,273	3,371	16,950
W-21BULK	**SWD - Bulk Waste / Heavy Trash Vehicles**							
	1800 - Equipment Acquisition Consolidated Fund		1,666	2,680	2,760	2,843	2,928	12,877
		Project Total	1,666	2,680	2,760	2,843	2,928	12,877
		Total Appropriations:	**5,901**	**6,008**	**6,187**	**6,373**	**6,564**	**31,033**

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STORM DRAINAGE SYSTEM

Storm Drainage System

The Storm Drainage System Program designs and constructs drainage improvement projects in areas of the City with a demonstrated need of flood protection for Houston and its residents. The Storm Water Drainage System includes collection of rainfall runoff via roadside ditches and/or streets with underground pipe (storm sewer) and the conveyance of storm water via off-road channels and underground structures to a receiving system and detention structures designed to manage the rate of flow into a receiving system. The receiving system can be a bayou, tributary channel, or another storm sewer. The program includes investments in channel and detention capacity made in partnership with the Harris County Flood Control District.

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2020-2024 CIP includes $666 million for Storm Drainage System improvements funded primarily through drainage fees assessed on non-exempted benefitted property and a dedication of ad valorem revenue to the Dedicated Drainage and Street Renewal Fund (DDSRF). An additional $99 million of Water and Wastewater improvements are planned to accompany Storm Drainage System projects.

The Storm Drainage System Program consists of the following major components:

Capital Improvement Projects:

- The City uses objective criteria to develop a ranked list of the highest priority need areas across the City and prioritize candidate storm drainage projects based on their benefits and costs. Projects are developed in accordance with the City's design criteria to convey 2-year rainfall events within the collection system (roadside ditch and/or storm sewer) and reduce the risk of structural flooding during 100-year storm events. Properties within special flood hazard areas or the 100-year flood zone will be protected from localized event flooding, but may not be protected from flooding related to inadequate level of service of the receiving system.

Local Drainage Program (LDP) & Storm Water Action Team (SWAT) Projects:

- These programs address localized storm water drainage system problems including inadequate level of service due to underground storm sewer capacity, roadside ditch grade deterioration and encroachments, inlet capacity, and/or structural failure of the storm sewer or outfall. Engineering and construction are accomplished by work order contracts in order to address these problems quickly and cost effectively. The FY2020-2024 CIP commits approximately $147 million to these programs.

Storm Drainage System Projects deferred to future CIPs:

The following projects were previously listed in Adopted CIPs and will be prioritized for construction as additional funding is identified in future CIPs.

M-410007-0001	Gulfway Terrace Sec 1 Area
M-410019-0001	Sharpstown Area 2
M-410021-0001	Pinewood Village 2
M-410022-0001	Garden Oaks and Shepherd Park (East)
M-410036-0002	Spring Shadows Area

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land		875				875
Design	**23,855**	19,395	24,800	15,500	15,500	99,050
Construction	**143,866**	105,451	107,902	113,077	34,781	505,077
Equipment Acquisition						
Salary Recovery						
Other	**12,580**	11,000	11,000	13,000	13,000	60,580
Total Allocation	**180,301**	**136,721**	**143,702**	**141,577**	**63,281**	**665,582**
Source of Funds						
4042 - Street & Trfc Control & Strm Drain DDSRF	**134,892**	125,721	132,702	130,577	52,281	576,173
5000 - Federal Government - Grant Funded	**34,409**	10,000	10,000	10,000	10,000	74,409
5430 - Federal State Local - HPW Pass thru DDSR	**11,000**	1,000	1,000	1,000	1,000	15,000
8500 - HPW-W&S Syst Consolidated Constr Fd						
Total Funds	**180,301**	**136,721**	**143,702**	**141,577**	**63,281**	**665,582**

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
M-000247	**Nottingham & Yorkshire Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				12,603			12,603	
	8500 - HPW-W&S Syst Consolidated Constr Fd				5,064			5,064	
	Project Total				17,667			17,667	
M-000288	**Easthaven Blvd (Bryant to Ledge)**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			10,857				10,857	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,994				1,994	
	Project Total			12,850				12,850	
M-000294	**Cullen Drainage and Paving**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					12,422		12,422	
	8500 - HPW-W&S Syst Consolidated Constr Fd					1,783		1,783	
	Project Total					14,205		14,205	
M-000295	**Scott Street Drainage and Paving**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					9,877		9,877	
	8500 - HPW-W&S Syst Consolidated Constr Fd					1,218		1,218	
	Project Total					11,095		11,095	
M-410001	**Woodshire Area Drainage and Paving**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		10,180					10,180	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,022					2,022	
	Project Total		12,201					12,201	
M-410002	**Potomac & Nantucket Area Drng and Paving**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			12,942				12,942	
	8500 - HPW-W&S Syst Consolidated Constr Fd			2,885				2,885	
	Project Total			15,827				15,827	

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
M-410004	**Little York, Courtlandt Mdws, York Mdws**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		8,132					8,132	
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,250					1,250	
	Project Total		9,382					9,382	
M-410005	**Spring Shadows (North)**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				14,211			14,211	
	Project Total				14,211			14,211	
M-410006	**Arlington Heights Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			12,780	9,703			22,483	
	8500 - HPW-W&S Syst Consolidated Constr Fd			4,798	4,634			9,432	
	Project Total			17,578	14,338			31,916	
M-410008	**Freeway Manor South Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				10,898			10,898	
	8500 - HPW-W&S Syst Consolidated Constr Fd				1,388			1,388	
	Project Total				12,286			12,286	
M-410009	**Briarmeadow Subdivision Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		14,267					14,267	
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,643					5,643	
	Project Total		19,910					19,910	
M-410010	**Freeway Manor: North of Edgebrook**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				16,917			16,917	
	8500 - HPW-W&S Syst Consolidated Constr Fd				3,737			3,737	
	Project Total				20,654			20,654	

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
M-410013	**Melrose Park Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,209				4,209	
	Project Total			4,209				4,209	
M-410014	**Wynnewood Acres Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		7,706					7,706	
	Project Total		7,706					7,706	
M-410015	**Magnolia Park Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,965	13,169		7,880		23,014	
	8500 - HPW-W&S Syst Consolidated Constr Fd			6,304		4,986		11,290	
	Project Total		1,965	19,473		12,866		34,304	
M-410016	**Westridge and Braes Terrace Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			7,198				7,198	
	8500 - HPW-W&S Syst Consolidated Constr Fd			10,633				10,633	
	Project Total			17,831				17,831	
M-410017	**Garden Oaks and Shepherd Park (West)**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		19,865					19,865	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,282					2,282	
	Project Total		22,147					22,147	
M-410019	**Sharpstown Area 2**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,080					2,080	
	Project Total		2,080					2,080	
M-410023	**Richmond Plaza (South) Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					18,536		18,536	
	8500 - HPW-W&S Syst Consolidated Constr Fd					1,660		1,660	
	Project Total					20,196		20,196	

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
M-410024	**Southland Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				11,813			11,813	
	8500 - HPW-W&S Syst Consolidated Constr Fd				1,309			1,309	
	Project Total				13,122			13,122	
M-410025	**Inwood Forest Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,657	331		8,894		11,882	
	8500 - HPW-W&S Syst Consolidated Constr Fd					6,509		6,509	
	Project Total		2,657	331		15,403		18,391	
M-410027	**Richmond Plaza (North)**								
	4042 - Street & Trfc Control & Strm Drain DDSRF						3,226	3,226	
	8500 - HPW-W&S Syst Consolidated Constr Fd						2,816	2,816	
	Project Total						6,042	6,042	
M-410028	**Westbury Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			12,650				12,650	
	8500 - HPW-W&S Syst Consolidated Constr Fd			8,637				8,637	
	Project Total			21,287				21,287	
M-410029	**Chateau Forest West Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					6,479		6,479	
	8500 - HPW-W&S Syst Consolidated Constr Fd					8,235		8,235	
	Project Total					14,714		14,714	
M-410030	**Fuqua 48 in STW**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				201			201	
	Project Total				201			201	

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
M-410031	**72 In. SWT line Midtown/Montrose**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					1,467		1,467	
	Project Total					1,467		1,467	
M-410032	**West Alabama 72 in. SWT**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			519				519	
	Project Total			519				519	
M-410033	**Avalon Place**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,823					3,823	
	Project Total		3,823					3,823	
M-410034	**72 in. SWT EADO**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,414					3,414	
	Project Total		3,414					3,414	
M-410035	**Jefferson Davis School Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,406	544		15,966		19,916	
	8500 - HPW-W&S Syst Consolidated Constr Fd					1,572		1,572	
	Project Total		3,406	544		17,538		21,488	
M-410036	**Spring Shadows Area**								
	5430 - Federal State Local - HPW Pass thru DDSR		10,000					10,000	
	8500 - HPW-W&S Syst Consolidated Constr Fd		400					400	
	Project Total		10,400					10,400	
M-410038	**Central Park Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,567				3,567	
	Project Total			3,567				3,567	

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	2020	2021	2022	2023	2024	2020-2024
M-410039	**Cottage Grove East Area**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	11,462					11,462
	8500 - HPW-W&S Syst Consolidated Constr Fd	6,892					6,892
	Project Total	18,354					18,354
M-420126	**Local Drainage Program (LDP)**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	11,580	12,233	12,000	12,000	12,000	59,813
	Project Total	11,580	12,233	12,000	12,000	12,000	59,813
M-420HUD	**CDBG Disaster Recovery Program**						
	5000 - Federal Government - Grant Funded	24,409					24,409
	Project Total	24,409					24,409
M-430006	**Storm Water Action Team (SWAT)**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	17,500	17,500	17,500	17,500	17,500	87,500
	Project Total	17,500	17,500	17,500	17,500	17,500	87,500
M-430100	**Pre-Engineering for Storm Water Drainage**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	5,000	1,215	4,500	1,500	1,500	13,715
	Project Total	5,000	1,215	4,500	1,500	1,500	13,715
M-430220	**Project Mgmt. Incl. Testing & Inspection**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	8,000	1,652	8,000	1,700	1,700	21,052
	Project Total	8,000	1,652	8,000	1,700	1,700	21,052
M-430241	**Stormwater Pump Station & Flood Warning**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,000	1,000	1,000	1,000	1,000	5,000
	5430 - Federal State Local - HPW Pass thru DDSR	1,000	1,000	1,000	1,000	1,000	5,000
	Project Total	2,000	2,000	2,000	2,000	2,000	10,000

STORM DRAINAGE SYSTEM - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
M-430296	**Regional Stormwater Detention**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		2,355	2,355	2,355	2,355	2,355	11,775	
	5000 - Federal Government - Grant Funded		10,000	10,000	10,000	10,000	10,000	50,000	
	Project Total		12,355	12,355	12,355	12,355	12,355	61,775	
M-430800	**Developer Participation**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		500	1,000	1,000	3,000	3,000	8,500	
	Project Total		500	1,000	1,000	3,000	3,000	8,500	
M-500001	**Future Design**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			10,000	10,000	10,000	10,000	40,000	
	Project Total			10,000	10,000	10,000	10,000	40,000	
M-NA0000	**Funding Offset**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		-18,489	-35,250	-16,133	-25,962	-2,816	-98,650	
	Project Total		-18,489	-35,250	-16,133	-25,962	-2,816	-98,650	
	Total Appropriations:		180,301	136,721	143,702	141,577	63,281	665,582	

STREET & TRAFFIC CONTROL

Street and Traffic Control

The Street and Traffic Control Program designs and constructs mobility improvements within City rights-of-way including pavement rehabilitation, street reconstruction, thoroughfare widening, intersection and signalization improvements and pedestrian and bicycle improvements.

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2020-2024 CIP includes $644 million for Street and Traffic Control improvements. Primary funding sources include $306 million from the Dedicated Drainage and Street Renewal Fund (DDSRF), $284 million in METRO General Mobility Program transfers and $50 million from Federal and State grants. An additional $92 million of Water and Wastewater improvements are planned to accompany Street and Traffic Control projects.

Projects for the Street and Traffic Control Facilities Improvements Program include:

Thoroughfares and Collectors – Funding: $278 million
Includes streets defined in the City's Major Thoroughfare and Freeway Plan (MTFP) and are evaluated for both condition and capacity.

Local Streets – Funding: $111 Million
Includes both residential and non-residential streets. Local streets do not carry large volumes of traffic and needs are evaluated based on condition.

Citywide Street and Traffic Rehabilitation – Funding: $190 Million
Includes major and minor rehabilitation of street infrastructure to address deterioration that negatively impacts safety and mobility.

Safe Sidewalks – Funding: $23.5 million
The Safe Sidewalks Program addresses gaps and deficiencies in the sidewalk network in accordance with city ordinance.

Council District Service Fund (CDSF) – Funding: $25 million
Provides for the appropriation of contracts to implement street and street-related drainage projects selected by District Council Members.

Street and Traffic Control Projects deferred to future CIPs
The following projects were previously listed in Adopted CIPs and will be prioritized for construction as additional funding is identified in future CIPs.

N-000386-0002	NSR Project 454
N-000386-0003	NSR Project 454
N-000389-0002	NSR Project 460
N-000589-0001	Tanner Road Paving & Drainage
N-100002-0001	TC Jester: Washington to I 10
N-100005-0001	Houston Avenue Paving and Drainage
N-100007-0001	TC Jester: Petty to I10
N-100012-0001	Hillcroft Avenue Paving and Drainage
N-100013-0001	Broadway Paving and Drainage
N-100020-0001	West Alabama Paving and Drainage
N-100023-0001	Dairy Ashford Paving and Drainage
N-100025-0001	W. Fuqua Paving and Drainage
N-100032-0001	Aldine Westfield (S) Paving and Drainage
N-100037-0001	Crenshaw from Shaver to Allen Genoa
N-210003-0001	Augusta, Grant Park, and Ballard Gardens
N-210007-0001	Briar Club Area
N-210013-0001	Midtown Area
N-210014-0001	Catalina Area
N-210021-0001	Ashford Park Area

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land	**1,166**		6			1,172
Design	**9,565**	26,972	24,542	24,617	25,151	110,848
Construction	**136,292**	113,604	114,915	75,236	37,401	477,447
Equipment Acquisition	**424**	1,634	134	134		2,326
Salary Recovery						
Other	**20,421**	14,955	5,500	5,500	5,500	51,876
Total Allocation	**167,867**	**157,165**	**145,097**	**105,487**	**68,052**	**643,669**
Source of Funds						
4040A - Metro Construction - Other	**10,311**	3,295	3,336	3,292	3,292	23,526
4040 - METRO Projects Construction - DDSRF	**59,802**	51,606	49,559	49,578	50,178	260,724
4042 - Street & Trfc Control & Strm Drain DDSRF	**97,754**	71,341	69,611	52,617	14,582	305,903
4510 - Contribution for Capital Projects		3,600				3,600
5430 - Federal State Local - HPW Pass thru DDSR		27,324	22,591			49,915
8500 - HPW-W&S Syst Consolidated Constr Fd						
Total Funds	**167,867**	**157,165**	**145,097**	**105,487**	**68,052**	**643,669**

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
N-000389	**NSR Project 460**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,000	1,000	1,000	1,000	1,000	5,000	
	Project Total		1,000	1,000	1,000	1,000	1,000	5,000	
N-000590	**Holmes Road Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		10,916					10,916	
	8500 - HPW-W&S Syst Consolidated Constr Fd		10,298					10,298	
	Project Total		21,214					21,214	
N-000611	**N. McCarty**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		6,240					6,240	
	Project Total		6,240					6,240	
N-000664	**Greens Rd. Paving & Drainage JFK to 59**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			9,903				9,903	
	5430 - Federal State Local - HPW Pass thru DDSR			13,778				13,778	
	8500 - HPW-W&S Syst Consolidated Constr Fd			4,393				4,393	
	Project Total			28,073				28,073	
N-000751	**West Alabama Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		12,918					12,918	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,694					2,694	
	Project Total		15,612					15,612	
N-000785	**Bridges Replacement/Expansion**								
	4040 - METRO Projects Construction - DDSRF		1,320					1,320	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,289					2,289	
	Project Total		3,609					3,609	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-000815	**Westpark Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			2,635				2,635	
	5430 - Federal State Local - HPW Pass thru DDSR			7,975				7,975	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,689				1,689	
	Project Total			12,300				12,300	
N-000818	**Fulton Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				6,401			6,401	
	Project Total				6,401			6,401	
N-000821	**Hillcroft Avenue and Court Rd Extension**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,266				4,266	
	4510 - Contribution for Capital Projects			3,600				3,600	
	Project Total			7,866				7,866	
N-100003	**Shepherd and Durham Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		11,073					11,073	
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,841					1,841	
	Project Total		12,914					12,914	
N-100006	**University Blvd Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				4,848			4,848	
	8500 - HPW-W&S Syst Consolidated Constr Fd				962			962	
	Project Total				5,810			5,810	
N-100008	**Fondren Road Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			2,447				2,447	
	5430 - Federal State Local - HPW Pass thru DDSR			5,571				5,571	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,958				1,958	
	Project Total			9,976				9,976	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-100009	**Antoine Drive Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				3,590			3,590	
	8500 - HPW-W&S Syst Consolidated Constr Fd				406			406	
	Project Total				3,996			3,996	
N-100010	**Dunlavy: West Dallas to Peden**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				5,705			5,705	
	8500 - HPW-W&S Syst Consolidated Constr Fd				1,026			1,026	
	Project Total				6,731			6,731	
N-100013	**Broadway Street Paving & Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		121					121	
	Project Total		121					121	
N-100017	**Gessner Street Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				2,317			2,317	
	5430 - Federal State Local - HPW Pass thru DDSR				10,185			10,185	
	8500 - HPW-W&S Syst Consolidated Constr Fd				3,766			3,766	
	Project Total				16,269			16,269	
N-100021	**Fondren Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				2,904			2,904	
	5430 - Federal State Local - HPW Pass thru DDSR				12,406			12,406	
	8500 - HPW-W&S Syst Consolidated Constr Fd				2,913			2,913	
	Project Total				18,223			18,223	
N-100022	**W Bellfort Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		4,150					4,150	
	8500 - HPW-W&S Syst Consolidated Constr Fd		805					805	
	Project Total		4,955					4,955	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-100023	**Dairy Ashford Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		930					930	
	Project Total		930					930	
N-100024	**Hirsch Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			9,000				9,000	
	8500 - HPW-W&S Syst Consolidated Constr Fd			2,294				2,294	
	Project Total			11,294				11,294	
N-100027	**S. Lockwood Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		306	11,208				11,514	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,527				1,527	
	Project Total		306	12,735				13,041	
N-100029	**Kirkwood Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		15,103		8,397			23,500	
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,000		2,260			3,260	
	Project Total		16,103		10,658			26,761	
N-100030	**Antoine (North) Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				9,643			9,643	
	8500 - HPW-W&S Syst Consolidated Constr Fd				1,785			1,785	
	Project Total				11,428			11,428	
N-100031	**34th Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				4,258			4,258	
	Project Total				4,258			4,258	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-100034	**Westheimer/Elgin Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					13,718		13,718	
	8500 - HPW-W&S Syst Consolidated Constr Fd					3,135		3,135	
	Project Total					16,854		16,854	
N-100036	**Chimney Rock Connection at Ft Bend Toll**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		5,000					5,000	
	Project Total		5,000					5,000	
N-100037	**Crenshaw Paving and Drainage**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			2,290	6			2,296	
	Project Total			2,290	6			2,296	
N-140005	**Calhoun Bridge**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		538					538	
	Project Total		538					538	
N-140008	**Lee Rd. at HCFCD Ditch**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		102					102	
	Project Total		102					102	
N-210001	**Houston Heights, John Brasher, Memorial**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		9,096					9,096	
	8500 - HPW-W&S Syst Consolidated Constr Fd		3,216					3,216	
	Project Total		12,312					12,312	
N-210004	**Cloverland Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		11,273					11,273	
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,423					1,423	
	Project Total		12,695					12,695	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-210005	**Roseland Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,363				3,363	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,065				1,065	
	Project Total			4,429				4,429	
N-210006	**Huntington Village Sec 4 Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					15,184		15,184	
	8500 - HPW-W&S Syst Consolidated Constr Fd					3,705		3,705	
	Project Total					18,889		18,889	
N-210008	**Gray and Taft Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			5,743				5,743	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,514				1,514	
	Project Total			7,257				7,257	
N-210010	**Market Square, Garner Villas, Parkhill**								
	4042 - Street & Trfc Control & Strm Drain DDSRF					9,132		9,132	
	8500 - HPW-W&S Syst Consolidated Constr Fd					6,172		6,172	
	Project Total					15,305		15,305	
N-210012	**Alief Forest North Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF				1,291			1,291	
	8500 - HPW-W&S Syst Consolidated Constr Fd				384			384	
	Project Total				1,675			1,675	
N-210013	**Midtown Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,050				3,050	
	Project Total			3,050				3,050	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-210014	**Catalina Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,252				4,252	
	Project Total			4,252				4,252	
N-210015	**Alief Forest South Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,166		5,725			6,891	
	8500 - HPW-W&S Syst Consolidated Constr Fd				5,572			5,572	
	Project Total		1,166		11,297			12,463	
N-210019	**Avalon Place**								
	4042 - Street & Trfc Control & Strm Drain DDSRF		8,278					8,278	
	Project Total		8,278					8,278	
N-210021	**Ashford Park Area**								
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,939				4,939	
	Project Total			4,939				4,939	
N-310662	**Intersection Redesign-Safety Improvemnts**								
	4040 - METRO Projects Construction - DDSRF		1,177					1,177	
	4042 - Street & Trfc Control & Strm Drain DDSRF		113					113	
	8500 - HPW-W&S Syst Consolidated Constr Fd		149					149	
	Project Total		1,440					1,440	
N-320100	**Pre-Engineering for Street and Traffic**								
	4040 - METRO Projects Construction - DDSRF		1,250	1,250	1,500	1,500	1,500	7,000	
	4042 - Street & Trfc Control & Strm Drain DDSRF		500	500	1,000	1,000	1,000	4,000	
	Project Total		1,750	1,750	2,500	2,500	2,500	11,000	
N-320396	**Miscellaneous Right-of-Way Preparation**								
	4040 - METRO Projects Construction - DDSRF		524	530	530	530	530	2,644	
	Project Total		524	530	530	530	530	2,644	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
N-320610	**Safe Sidewalk Program**								
	4040A - Metro Construction - Other		10,311	3,295	3,336	3,292	3,292	23,526	
		Project Total	10,311	3,295	3,336	3,292	3,292	23,526	
N-320667	**Street Pavement Maint. and Management**								
	4040 - METRO Projects Construction - DDSRF		581	640	509	527	527	2,784	
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,743	1,919	1,526	1,582	1,582	8,352	
		Project Total	2,324	2,559	2,034	2,109	2,109	11,135	
N-320668	**Project Mgmt. Incl. Testing & Inspection**								
	4040 - METRO Projects Construction - DDSRF		200	200	600	600	1,200	2,800	
		Project Total	200	200	600	600	1,200	2,800	
N-321039	**Roadway Pavement Replacement Program**								
	4040 - METRO Projects Construction - DDSRF		3,500					3,500	
		Project Total	3,500					3,500	
N-321040	**Citywide Street & Traffic Rehabilitation**								
	4040 - METRO Projects Construction - DDSRF		43,350	33,286	35,721	35,721	35,721	183,799	
		Project Total	43,350	33,286	35,721	35,721	35,721	183,799	
N-322017	**Council District Service Fund Proj. 2017**								
	4040 - METRO Projects Construction - DDSRF		5,000	5,000	5,000	5,000	5,000	25,000	
		Project Total	5,000	5,000	5,000	5,000	5,000	25,000	
N-500001	**Future Design**								
	4040 - METRO Projects Construction - DDSRF			4,000	4,000	4,000	4,000	16,000	
	4042 - Street & Trfc Control & Strm Drain DDSRF				10,000	10,000	10,000	30,000	
		Project Total		4,000	14,000	14,000	14,000	46,000	

STREET & TRAFFIC CONTROL - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project	2020	2021	2022	2023	2024	2020-2024
N-500002	**Future Agreements**						
	4040 - METRO Projects Construction - DDSRF	1,700	1,700	1,700	1,700	1,700	8,500
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,000	1,000	1,000	1,000	1,000	5,000
	8500 - HPW-W&S Syst Consolidated Constr Fd	2,800	2,800	2,800	2,800	2,800	14,000
	Project Total	5,500	5,500	5,500	5,500	5,500	27,500
N-NA0000	**Funding Offset**						
	8500 - HPW-W&S Syst Consolidated Constr Fd	-33,394	-17,871	-21,875	-15,813	-2,800	-91,753
	Project Total	-33,394	-17,871	-21,875	-15,813	-2,800	-91,753
N-T08001	**TIRZ 8 Traffic and Mobility**						
	4040 - METRO Projects Construction - DDSRF	1,200					1,200
	Project Total	1,200					1,200
N-T10000	**Northpark P&D: IH69-Woodland Hills**						
	4040 - METRO Projects Construction - DDSRF		5,000				5,000
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,823				3,823
	8500 - HPW-W&S Syst Consolidated Constr Fd		632				632
	Project Total		9,455				9,455
N-TX0069	**US 59 / IH 610 Direct Connectors**						
	4042 - Street & Trfc Control & Strm Drain DDSRF	3,067					3,067
	Project Total	3,067					3,067
	Total Appropriations:	167,867	157,165	145,097	105,487	68,052	643,669

WASTEWATER TREATMENT FACILITIES

Wastewater Treatment System

The Wastewater Treatment System collects, conveys and processes wastewater from an estimated 3 million people, generated in a service area, which includes the City of Houston, several municipalities and unincorporated communities in the Houston metropolitan area. The system consists of over 6,200 miles of sanitary sewer lines, 325 miles of wastewater pressure force mains, over 383 sanitary lift stations and 40 wastewater treatment plants. The average daily wastewater flow through the system is estimated at 250 million gallons per day (MGD). As reflected by state permits, the effective treatment capacity of the system is 564 MGD.

The program of improvements provides for the continued upgrade of the System and compliance with the regulations issued by the Texas Commission on Environmental Quality (TCEQ) and the U.S. Environmental Protection Agency (EPA).

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2020-2024 CIP includes approximately $1.2 billion of Wastewater Treatment System improvements financed by a combination of pay-as-you-go and revenue bonds.

Highlights of the FY2020-2024 CIP:

- A robust asset management program to maintain and extend service life of facilities including:
    - Rehabilitate neighborhood sewers to improve service, remove excessive infiltration, prevent sanitary sewer overflows and eliminate sewage backups
    - Renew and rehabilitate the citywide force main system and various lift stations
    - Upgrade, rehabilitate or renew various wastewater treatment plants
    - Evaluate and rehabilitate large diameter sewers

- Long Range Planning to evaluate consolidation of lift stations and/or wastewater treatment plants.

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land						
Design	**9,856**	16,584	4,466	2,294	6,650	39,851
Construction	**300,240**	252,779	185,572	205,470	166,656	1,110,717
Equipment Acquisition						
Salary Recovery						
Other	**8,879**	4,154	3,564	3,608	3,400	23,605
Total Allocation	**318,975**	**273,517**	**193,603**	**211,372**	**176,706**	**1,174,173**
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	**318,975**	273,517	193,603	211,372	176,706	1,174,173
Total Funds	**318,975**	**273,517**	**193,603**	**211,372**	**176,706**	**1,174,173**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

WASTEWATER TREATMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
R-000019	**Emergency Needs for Wastewater Utility**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,040	1,061	1,082	1,104	1,000	5,287	
	Project Total		1,040	1,061	1,082	1,104	1,000	5,287	
R-000020	**Miscellaneous Needs for Public Utility**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,335	244	141	144	300	6,163	
	Project Total		5,335	244	141	144	300	6,163	
R-000035	**Wastewater Force Main Renewal**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		32,199	7,022	7,139	6,478	11,000	63,838	
	Project Total		32,199	7,022	7,139	6,478	11,000	63,838	
R-000265	**Wastewater Treatment Plant Improvements**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		31,315	54,493	4,328	19,872	11,000	121,008	
	Project Total		31,315	54,493	4,328	19,872	11,000	121,008	
R-000266	**Neighborhood Sewer Rehab Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		26,000	31,830	48,690	49,680	50,000	206,200	
	Project Total		26,000	31,830	48,690	49,680	50,000	206,200	
R-000267	**Lift Station Renewal & Replacement**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		34,576	59,436	47,170	26,386	45,000	212,567	
	Project Total		34,576	59,436	47,170	26,386	45,000	212,567	
R-000298	**Almeda Sims Wastewater Treatment Plant**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		12,126			1,325		13,451	
	Project Total		12,126			1,325		13,451	
R-000500	**WW Improvements under M/N**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		26,246	25,287	18,694	15,498	2,006	87,731	
	Project Total		26,246	25,287	18,694	15,498	2,006	87,731	

WASTEWATER TREATMENT FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
R-000509	**69th Street Wastewater Treatment Plant**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		22,376		4,328	11,040		37,744	
	Project Total		22,376		4,328	11,040		37,744	
R-000521	**Sewer Line Replacement by Other Govt**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		7,839	2,032	1,400	1,400	1,400	14,071	
	Project Total		7,839	2,032	1,400	1,400	1,400	14,071	
R-000536	**Wastewater Treatment Plant Consolidation**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		79,901	44,562	20,991	70,238	27,000	242,692	
	Project Total		79,901	44,562	20,991	70,238	27,000	242,692	
R-000800	**Collection System-Sponsor Participation**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,040	2,122	2,164	2,208	2,000	9,534	
	Project Total		1,040	2,122	2,164	2,208	2,000	9,534	
R-002011	**Neighborhood Sewer Systems Improvements**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		25,677	31,288	23,696		11,500	92,161	
	Project Total		25,677	31,288	23,696		11,500	92,161	
R-002013	**Large Diameter Sewer (LDS) Rehab**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		7,280	7,427	7,574		7,500	29,781	
	Project Total		7,280	7,427	7,574		7,500	29,781	
R-002015	**Wastewater Substitute Service Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		4,524	3,714	4,707	5,000	6,000	23,944	
	Project Total		4,524	3,714	4,707	5,000	6,000	23,944	
R-900001	**Upgrades to CUS-Owned Support Facilities**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,500	3,000	1,500	1,000	1,000	8,000	
	Project Total		1,500	3,000	1,500	1,000	1,000	8,000	
	Total Appropriations:		318,975	273,517	193,603	211,372	176,706	1,174,173	

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WATER UTILITY SYSTEM FACILITIES

Water Utility System

The Water Utility System delivers treated surface and ground water to customers through a series of storage tanks, pump stations, transmission and distribution mains. This potable water is sold to domestic, commercial, industrial, governmental and other customers in the Houston metropolitan area. In addition, untreated surface water is delivered for sale to governmental, industrial and agricultural customers. The System provides water to the residents of Houston as well as municipalities, municipal utility districts, and water authorities outside the City limits. The service population is approximately 4 million.

The System relies on 86% Surface Water and 14% Groundwater sources. Surface water is sourced from Lake Conroe and Lake Houston in the San Jacinto River System and Lake Livingston in the Trinity River System. In aggregate, these supplies are sufficient to meet the City's expected water demands beyond the year 2060. However, additional water supply strategies have been developed to meet the long-term needs. In addition, the System continues to shift its supply source from groundwater to surface water in accordance with state mandates.

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2020-2024 CIP includes approximately $3.0 billion of Water Utility System improvements financed by a combination of pay-as-you-go, revenue bonds and proposed contributed capital.

Highlights of the FY2020-2024 CIP:

- Continue funding the Design-Build contract for the 320 MGD expansion of the Northeast Water Purification Plant with regional water authority funding partners
- Continue to construct surface water transmission lines to access and deliver expanded treated surface water supplies for Houston and surrounding water authorities
- Continue funding for replacement of neighborhood water mains to improve fire protection, water quality, system reliability and assure compliance with Texas Commission on Environmental Quality (TCEQ) regulations
- Install chloramination chemical systems at 30 groundwater pump stations
- Rehabilitate wells, ground storage tanks and pump stations as part of long range asset management

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning						
Acquisition-Land	**4,680**	781	541	552	550	7,104
Design	**118,756**	13,580	2,110	6,046	7,950	148,442
Construction	**1,307,311**	448,805	640,621	169,151	165,260	2,731,148
Equipment Acquisition	**45,662**	5,284	5,388	5,498	5,500	67,332
Salary Recovery						
Other	**5,481**	4,053	4,105	4,160	3,950	21,749
Total Allocation	**1,481,890**	**472,503**	**652,765**	**185,407**	**183,210**	**2,975,774**
Source of Funds						
5000 - Federal Government - Grant Funded				41,400		41,400
8319 - HPW-W & S Contributed CAP	**2,960**					2,960
8500 - HPW-W&S Syst Consolidated Constr Fd	**388,713**	199,350	332,995	144,007	183,210	1,248,275
8505 - Water Authorities Capital Contrib-NEWPP	**733,233**	148,282	319,770			1,201,285
8506 - HPW-NEWPP Construction Fund	**185,960**					185,960
8507 Water Auth NETL	**107,191**					107,191
8508 HPW NETL Constr	**63,832**					63,832
8509 Water Auth SETL		106,618				106,618
8510 HPW SETL Constr		18,254				18,254
Total Funds	**1,481,890**	**472,503**	**652,765**	**185,407**	**183,210**	**2,975,774**

Some projects in this section are related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 90% of eligible costs.

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
S-000012	**Southeast Water Purification Plant**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		13,520					13,520	
	Project Total		13,520					13,520	
S-000019	**Emergency Needs for Water Utility**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		312	531	541	552	550	2,486	
	Project Total		312	531	541	552	550	2,486	
S-000020	**Miscellaneous Water Needs**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		177	340	184	353	300	1,354	
	Project Total		177	340	184	353	300	1,354	
S-000035	**Neighborhood Water Main Replacement**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,504	34,287	24,429	35,416	27,500	124,137	
	Project Total		2,504	34,287	24,429	35,416	27,500	124,137	
S-000056	**East Water Purification Plant**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		30,609		16,230		100,000	146,839	
	Project Total		30,609		16,230		100,000	146,839	
S-000065	**NE Water Purification Plant Expansion**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		78,601	2,594	81,366			162,561	
	8505 - Water Authorities Capital Contrib-NEWPP		733,233	148,282	319,770			1,201,285	
	8506 - HPW-NEWPP Construction Fund		185,960					185,960	
	Project Total		997,795	150,876	401,136			1,549,807	
S-000100	**New / Replacement Ground Water Wells**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,732	997	6,384	12,034	9,000	30,146	
	Project Total		1,732	997	6,384	12,034	9,000	30,146	

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
S-000101	**Pre-Engineering for Water Projects**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,018					1,018
		Project Total	1,018					1,018
S-00019A	**Real Estate Annual Appropriation**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		4,680	531	541	552	550	6,854
		Project Total	4,680	531	541	552	550	6,854
S-000200	**Water Well Renewal Program**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		8,293	3,915	5,031	3,864	5,000	26,103
		Project Total	8,293	3,915	5,031	3,864	5,000	26,103
S-000500	**Water Improvements under M/N**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		13,668	24,403	16,514	23,477	810	78,872
		Project Total	13,668	24,403	16,514	23,477	810	78,872
S-000521	**Water Main Replacement by Other Govt**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		4,129	1,400	1,400	1,400	1,400	9,729
		Project Total	4,129	1,400	1,400	1,400	1,400	9,729
S-000600	**Water Storage Tank Rehabilitation**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		3,837	7,427	5,410	5,520	8,000	30,194
		Project Total	3,837	7,427	5,410	5,520	8,000	30,194
S-000700	**Water Main Grid Extensions Program**							
	8500 - HPW-W&S Syst Consolidated Constr Fd			3,183		3,312		6,495
		Project Total		3,183		3,312		6,495
S-000701	**Lg Diameter Water Line Rehab**							
	8500 - HPW-W&S Syst Consolidated Constr Fd		13,099	8,564	6,864		7,000	35,528
		Project Total	13,099	8,564	6,864		7,000	35,528

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
S-000702	**Valve Replacement & Installation Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd			4,244		4,416		8,660	
	Project Total			4,244		4,416		8,660	
S-000800	**Sponsor Participation-Water Mains Prog.**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,040	2,122	2,164	2,208	2,000	9,534	
	Project Total		1,040	2,122	2,164	2,208	2,000	9,534	
S-000890	**Lake Houston Dam Projects**								
	5000 - Federal Government - Grant Funded					41,400		41,400	
	8500 - HPW-W&S Syst Consolidated Constr Fd					13,800		13,800	
	Project Total					55,200		55,200	
S-000894	**San Jacinto River Authority**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,352	419	824	841	800	4,237	
	Project Total		1,352	419	824	841	800	4,237	
S-000895	**Trinity River Authority**								
	8319 - HPW-W & S Contributed CAP		2,960					2,960	
	8500 - HPW-W&S Syst Consolidated Constr Fd		6,906					6,906	
	Project Total		9,865					9,865	
S-000900	**Surface Water Transmission Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		137,560	71,123	122,358	21,487		352,528	
	8507 Water Auth NETL		107,191					107,191	
	8508 HPW NETL Constr		63,832					63,832	
	8509 Water Auth SETL			106,618				106,618	
	8510 HPW SETL Constr			18,254				18,254	
	Project Total		308,583	195,995	122,358	21,487		648,423	

WATER UTILITY SYSTEM FACILITIES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
S-000901	**Condition Assessment and Rehabilitation**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		6,760		3,547		5,500	15,807	
	Project Total		6,760		3,547		5,500	15,807	
S-000956	**Automatic Meter Reading Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		40,483					40,483	
	Project Total		40,483					40,483	
S-000958	**Meter Replacement & Upgrade Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,179	5,284	5,388	5,498	5,500	26,849	
	Project Total		5,179	5,284	5,388	5,498	5,500	26,849	
S-001000	**Pump Station Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		11,495	24,721	32,049	8,000	8,000	84,265	
	Project Total		11,495	24,721	32,049	8,000	8,000	84,265	
S-002015	**Water Substitute Service Program**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		260	265	271	276	300	1,372	
	Project Total		260	265	271	276	300	1,372	
S-900001	**Upgrades to CUS-Owned Support Facilities**								
	8500 - HPW-W&S Syst Consolidated Constr Fd		1,500	3,000	1,500	1,000	1,000	8,000	
	Project Total		1,500	3,000	1,500	1,000	1,000	8,000	
	Total Appropriations:		1,481,890	472,503	652,765	185,407	183,210	2,975,774	

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OPERATIONAL & MAINTENANCE IMPACT

Operational & Maintenance Impact

Projects in the FY2020-2024 CIP have been analyzed to determine their projected impact on the operational budget. Operational & Maintenance (O&M) costs identified by departments are funded from the General, Special, and Enterprise Funds. Only projects with impacts above $10,000 annually are presented.

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

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

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

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

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

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

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

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

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
D-000226	**Facility Condition Reassessments**							
	Personnel		93	98	103	108	108	510
		Project Total	**93**	**98**	**103**	**108**	**108**	**510**
D-200001	**HPW– HPC Land Purchase/Garage**							
	Savings		(291)	(300)	(125)	(129)	(133)	(977)
		Project Total	**(291)**	**(300)**	**(125)**	**(129)**	**(133)**	**(977)**
D-650005	**ARA - Parking Pay Station Replacement**							
	Revenue		(148)		-	-	-	(148)
	Savings		(50)	(50)	(50)	(50)	(50)	(250)
		Project Total	**(198)**	**(50)**	**(50)**	**(50)**	**(50)**	**(398)**
E-000262	**New Westbury Library**							
	Services		-	-	-	50	50	100
		Project Total	**-**	**-**	**-**	**50**	**50**	**100**
F-000849	**Restroom Building Upgrades**							
	Personnel		25	25	25	25	25	125
	Services		12	12	12	12	12	60
		Project Total	**37**	**37**	**37**	**37**	**37**	**185**
F-000853	**Brock Adventure Park (BAP)**							
	Personnel		10	15	15	15	15	70
	Services		90	180	180	180	180	810
		Project Total	**100**	**195**	**195**	**195**	**195**	**880**
H-000091	**Sunnyside MSC/HC**							
	Services		85	142	142	142	142	653
		Project Total	**85**	**142**	**142**	**142**	**142**	**653**
L-000107	**Bioremediation of Pollution Controls**							
	Services		-	25	25	25	25	100
		Project Total	**-**	**25**	**25**	**25**	**25**	**100**

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
S-000956	**Automated Metering System**							
	Services		504	308	371	433	504	2,120
		Project Total	**504**	**308**	**371**	**433**	**504**	**2,120**
S-000065	**NE Water Purification Plant Expansion**							
	Other		-	-	-	**20,996**	**63,568**	84,564
	Revenue		-	-	-	**(20,996)**	**(63,568)**	(84,564)
		Project Total	**-**	**-**	**-**	**-**	**-**	**-**
X-100014	**HPD - Smartphone App Internal**							
	Services		25	25	25	25	25	125
		Project Total	**25**	**25**	**25**	**25**	**25**	**125**
X-100052	**HPD - Body Cameras**							
	Other		76	76	76	76	76	380
	Personnel		457	457	457	457	457	2,285
		Project Total	**533**	**533**	**533**	**533**	**533**	**2,665**
X-120007	**HFD - EAS Upgrade**							
	Services		-	-	-	150	150	300
		Project Total	**-**	**-**	**-**	**150**	**150**	**300**
X-250002	**GSD - Real Estate Module**							
	Services		15	15	15	15	15	75
		Project Total	**15**	**15**	**15**	**15**	**15**	**75**
X-640018	**FIN - Contract/Procurement Mgt System**							
	Personnel		-	-	-	100	100	200
		Project Total	**-**	**-**	**-**	**100**	**100**	**200**
X-650011	**ARA - 311 Upgrade or Replacement**							
	Other		275	275	275	275	275	1,375
		Project Total	**275**	**275**	**275**	**275**	**275**	**1,375**
X-680015	**Network Refresh**							
	Services		64	64	64	64	64	320
		Project Total	**64**	**64**	**64**	**64**	**64**	**320**

OPERATIONAL IMPACT

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
X-680038	**IT Help Desk Software Upgrades**							
	Other		100	100	100	100	100	500
		Project Total	**100**	**100**	**100**	**100**	**100**	**500**
X-680042	**SAP System to Monitor Interfaces**							
	Other		129	129	129	129	129	645
		Project Total	**129**	**129**	**129**	**129**	**129**	**645**
X-680044	**Managed Contract Services**							
	Other		1,810	1,810	1,810	1,810	1,810	9,050
		Project Total	**1,810**	**1,810**	**1,810**	**1,810**	**1,810**	**9,050**
X-900001	**LGL - Case Mgt System Replacement**							
	Services		-	-	-	75	75	150
		Project Total	**-**	**-**	**-**	**75**	**75**	**150**
		Total:	**3,280**	**3,846**	**4,339**	**6,195**	**6,320**	**23,980**

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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:
Governmental Type		
City Park Redevelopment Authority	N	
East Downtown Redevelopment Authority	Y	FY19-23
Fifth Ward Redevelopment Authority	Y	FY19-23
Fourth Ward Redevelopment Authority	Y	FY19-23
Greater Greenspoint Redevelopment Authority	Y	FY19-23
Greater Houston Convention and Visitors Bureau	N	
Greater Houston	N	
Gulfgate Redevelopment Authority	Y	FY19-23
Hardy Near Northside Redevelopment Authority	N	
Harrisburg Redevelopment Authority	Y	FY19-23
HALAN – Houston Area Library Automated Network Board	N	
Hiram Clarke Redevelopment Authority	Y	FY19-23
Houston Arts Alliance	N	
Houston BARC Foundation Admin. & Regulatory Dept.	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	
Houston Public Library Foundation	N	
Houston Recovery Center LGC	N	
Lake Houston Redevelopment Authority	Y	FY19-23
Lamar Terrace Public Improvement District	N	
Land Assemblage Redevelopment Authority	N	

Table of Component Units

Unit	Has CIP?	CIP as of:
Governmental Type		
Leland Woods Redevelopment Authority I	N	
Leland Woods Redevelopment Authority II	N	
Main Street Market Square Redevelopment Authority	Y	FY19-23
Memorial City Redevelopment Authority	Y	FY18-22
Memorial-Heights Redevelopment Authority	Y	FY19-23
Midtown Redevelopment Authority	Y	FY18-23
Miller Theatre Advisory Board, Inc.	N	
Montrose	N	
Old Sixth Ward Redevelopment Authority	Y	FY19-23
OST/Almeda Corridors Redevelopment Authority	Y	FY19-23
Saint George Place Redevelopment Authority	Y	FY19-23
South Post Oak Redevelopment Authority	Y	FY19-23
Southwest Houston Redevelopment Authority	Y	FY19-23
Stadium Park Redevelopment Authority	N	
Sunnyside	N	
Theater District Improvement, Inc.	N	
Upper Kirby Redevelopment Authority	Y	FY19-23
Uptown Development Authority	Y	FY19-23
Business Type		
Houston First Corporation (formerly Houston Convention Center Hotel Corporation)	Y	FY19-23
Houston Housing Finance Corporation	N	
Houston Zoo, Inc.	Y	FY19-23

Summary Table of Governmental Component Units

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands): Fiscal Year Planned Amounts

Unit	2020	2021	2022	2023	2024	2020-2024
TIRZ Total	232,042	214,292	124,007	214,905		785,246
Houston Parks Board, Inc.	60,314					60,314
Total	**292,356**	**214,292**	**124,007**	**214,905**		**845,560**

Summary Table of Business Type Component Units

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands): Fiscal Year Planned Amounts

Unit	2020	2021	2022	2023	2024	2020-2024
Houston Zoo, Inc.	60,600	57,450	27,400			145,450
Houston First Corporation	42,886	33,427	20,665	7,642	24,861	129,481
Total	**103,486**	**90,877**	**48,065**	**7,642**	**24,861**	**274,931**

Summary Table of Combined Component Units

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands): Fiscal Year Planned Amounts

Unit	2020	2021	2022	2023	2024	2020-2024
Governmental Units	292,356	214,292	124,007	214,905		845,560
Business Units	103,486	90,877	48,065	7,642	24,861	274,931
Total	**395,842**	**305,169**	**172,072**	**222,547**	**24,861**	**1,120,491**

Summary Table of Governmental Component Units

2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands): Fiscal Year Planned Amounts

Unit	2020	2021	2022	2023	2024	2020-2024
St. George Place Redevelopment Authority (TIRZ 1)	6,705	18,302	920	23,620		49,547
Midtown Redevelopment Authority (TIRZ 2)	29,363	22,226	5,241			56,830
Main Street Market Square Redevelopment Authority (TIRZ 3)	21,210	7,960	18,460	16,960		64,590
Memorial Heights Redevelopment Authority (TIRZ 5)	3,460	42,230	8,018	46,000		99,708
OST/Almeda Corridors Redevelopment Authority (TIRZ 7)	28,139	15,611	14,836	38,244		96,831
Gulfgate Redevelopment Authority (TIRZ 8)	5,350	1,050	550	550		7,500
South Post Oak Redevelopment Authority (TIRZ 9)	3,619	2,275	1,600	50		7,544
Lake Houston Redevelopment Authority (TIRZ 10)	35,714	2,304	7,746	46,848		92,611
Greater Greenspoint Redevelopment Authority (TIRZ 11)	1,150	13,675	7,740	3,205		25,770
Old Sixth Ward Redevelopment Authority (TIRZ 13)	957	913	1,321	1,043		4,234
Fourth Ward Redevelopment Authority (TIRZ 14)	5,795	2,550	2,750	1,500		12,595
East Downtown Redevelopment Authority (TIRZ 15)	8,151	3,974	3,431	2,139		17,694
Uptown Redevelopment Authority (TIRZ 16)	25,975	26,185	17,600	11,166		80,926
Memorial City Redevelopment Authority (TIRZ 17)	29,035	17,935	2,785			49,755
Fifth Ward Redevelopment Authority (TIRZ 18)	665	640	200			1,505
Upper Kirby Redevelopment Authority (TIRZ 19)	15,060	15,220	20,760	22,530		73,570
Southwest Houston Redevelopment Authority (TIRZ 20)	10,180	20,092	10,000	1,000		41,272
Harrisburg Redevelopment Authority (TIRZ 23)	1,064	650	50	50		1,814
Hiram Clarke Redevelopment Authority (TIRZ 25)	450	500				950
Houston Parks Board, Inc.	60,314					60,314
Total	**292,356**	**214,292**	**124,007**	**214,905**		**845,560**

Tax Increment Reinvestment Zones

Local government corporations created by the City in accordance with Chapter 431 of the Texas Transportation Corporation Act to assist Tax Increment Reinvestment Zone Boards in the redevelopment of various neighborhoods in 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.

**Note: On the following pages, the first two digits following the hyphen in the CIP number indicate the TIRZ number. For Example:*

- *T-010700 is a project for TIRZ No. 1, St. George Place Redevelopment Authority*
- *T-020600 is a project for TIRZ No. 2, Midtown Redevelopment Authority*

Project Allocation	Fiscal Year Planned Appropriations					2020-2024
	2020	2021	2022	2023	2024	
Planning	**630**	455	1,180	350		2,615
Acquisition-Land	**8,517**	3,385	3,228	1,010		16,140
Design	**12,516**	10,924	14,389	4,638		42,466
Construction	**199,637**	190,790	97,782	200,655		688,865
Equipment Acquisition	**1,542**	50	50	50		1,692
Salary Recovery						
Other	**9,201**	8,688	7,378	8,202		33,468
Total Allocation	**232,042**	**214,292**	**124,007**	**214,905**		**785,246**
Source of Funds						
TIRZ01	**2,705**	6,002	920	5,620		15,247
TIRZ01 Grants	**1,300**	12,300		18,000		31,600
TIRZ01 Other	**2,700**					2,700
TIRZ02	**28,563**	22,226	5,241			56,030
TIRZ02 Bonds	**800**					800
TIRZ03	**21,210**	7,960	18,460	16,960		64,590
TIRZ05	**2,650**	13,330	8,018	12,000		35,998
TIRZ05 COH Contrib.		2,500		1,300		3,800
TIRZ05 Grants	**810**	26,400		32,700		59,910
TIRZ07	**28,139**	11,883	3,584	8,552		52,159
TIRZ07 Grants		3,729	11,252	29,692		44,672
TIRZ08	**5,350**	1,050	550	550		7,500
TIRZ09	**3,619**	2,275	1,600	50		7,544
TIRZ10	**26,259**	2,304	7,746	15,649		51,957
TIRZ10 COH Contrib.	**9,455**					9,455
TIRZ10 Grants				31,199		31,199
TIRZ11	**1,150**	13,675	7,740	3,205		25,770
TIRZ13	**957**	913	1,321	1,043		4,234

Project Allocation	2020	2021	2022	2023	2024	2020-2024
Planning	**630**	455	1,180	350		2,615
Acquisition-Land	**8,517**	3,385	3,228	1,010		16,140
Design	**12,516**	10,924	14,389	4,638		42,466
Construction	**199,637**	190,790	97,782	200,655		688,865
Equipment Acquisition	**1,542**	50	50	50		1,692
Salary Recovery						
Other	**9,201**	8,688	7,378	8,202		33,468
Total Allocation	**232,042**	**214,292**	**124,007**	**214,905**		**785,246**
Source of Funds						
TIRZ14	**5,795**	2,550	2,750	1,500		12,595
TIRZ15	**8,151**	3,974	3,431	2,139		17,694
TIRZ16	**25,975**	26,185	17,600	11,166		80,926
TIRZ17	**29,035**	10,735	2,785			42,555
TIRZ17 Grants		7,200				7,200
TIRZ18	**665**	640	200			1,505
TIRZ19	**11,560**	3,020	1,260	2,630		18,470
TIRZ19 Grants				2,800		2,800
TIRZ19 Other	**3,500**	12,200	19,500	17,100		52,300
TIRZ20	**10,180**	17,049	9,200	1,000		37,429
TIRZ20 COH Contrib.		2,243				2,243
TIRZ20 Grants		800	800			1,600
TIRZ23	**1,064**	650	50	50		1,814
TIRZ25	**450**	500				950
Total Funds	**232,042**	**214,292**	**124,007**	**214,905**		**785,246**

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024	
			2020	2021	2022	2023	2024		
T-010700	**Chimney Rock**								
	TIRZ01		1,180	4,632				5,812	
	TIRZ01 Grants			12,300				12,300	
		Project Total	1,180	16,932				18,112	
T-010900	**Bering Drive US 59 - Westheimer**								
	TIRZ01		30					30	
		Project Total	30					30	
T-011000	**North South Connection**								
	TIRZ01		1,375	1,250	800	5,500		8,925	
	TIRZ01 Grants					18,000		18,000	
		Project Total	1,375	1,250	800	23,500		26,925	
T-011200	**Sub-Regional Detention**								
	TIRZ01 Grants		1,300					1,300	
	TIRZ01 Other		2,700					2,700	
		Project Total	4,000					4,000	
T-011500	**Richmond Avenue Medians Beautification**								
	TIRZ01		100	100	100	100		400	
		Project Total	100	100	100	100		400	
T-019900	**Concrete Panel Replacement Program**								
	TIRZ01		20	20	20	20		80	
		Project Total	20	20	20	20		80	
T-020600	**South East Neighborhood Street Reconstru**								
	TIRZ02		2,415	1,010				3,426	
		Project Total	2,415	1,010				3,426	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-020700	**Operating of Zone & Project Facilities**								
	TIRZ02		447	250	250			947	
		Project Total	447	250	250			947	
T-021300	**Alabama Street Reconstruction**								
	TIRZ02		5,010					5,010	
		Project Total	5,010					5,010	
T-021400	**Caroline Street Reconstruction**								
	TIRZ02		390					390	
		Project Total	390					390	
T-022000	**Affordable Housing Land Banking Program**								
	TIRZ02		2,980	3,500	3,500			9,980	
	TIRZ02 Bonds		800					800	
		Project Total	3,780	3,500	3,500			10,780	
T-022400	**HTC Building Maintenance**								
	TIRZ02		50	50	50			150	
		Project Total	50	50	50			150	
T-022500	**Mobility & Pedestrian Improvements**								
	TIRZ02		185	180	180			545	
		Project Total	185	180	180			545	
T-023200	**Public and Cultural Facilities**								
	TIRZ02		100	100	100			300	
		Project Total	100	100	100			300	
T-023400	**Parks & Open Spaces**								
	TIRZ02		205	205	205			616	
		Project Total	205	205	205			616	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
T-023500	**Public Art**							
	TIRZ02		255	255	255			766
		Project Total	255	255	255			766
T-023900	**Brazos Street Reconstruction**							
	TIRZ02		6,010	3,000				9,010
		Project Total	6,010	3,000				9,010
T-024000	**Real Estate Development**							
	TIRZ02		40	500	600			1,140
		Project Total	40	500	600			1,140
T-024100	**Almeda/Crawford**							
	TIRZ02		1,040	6,040				7,080
		Project Total	1,040	6,040				7,080
T-024200	**Webster Street**							
	TIRZ02		500					500
		Project Total	500					500
T-024300	**Central Bank Plaza**							
	TIRZ02		100	100	100			300
		Project Total	100	100	100			300
T-024400	**Museum District - Main St. Enhancements**							
	TIRZ02		1,500					1,500
		Project Total	1,500					1,500
T-024500	**Museum District - Pedestrian Enhancement**							
	TIRZ02		3,000	3,000				6,000
		Project Total	3,000	3,000				6,000

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-024600	**Museum District - Mobility Improvements**								
	TIRZ02		4,300	4,000				8,300	
		Project Total	4,300	4,000				8,300	
T-029900	**Concrete Panel Replacement Program**								
	TIRZ02		35	35				70	
		Project Total	35	35				70	
T-030700	**Southern Downtown Pocket Park**								
	TIRZ03		2,460	460	460	460		3,840	
		Project Total	2,460	460	460	460		3,840	
T-030800	**Jones Plaza**								
	TIRZ03		2,500					2,500	
		Project Total	2,500					2,500	
T-032400	**Walker Street Improvements**								
	TIRZ03			2,000	13,000	2,500		17,500	
		Project Total		2,000	13,000	2,500		17,500	
T-032500	**Bagby Street Improvements**								
	TIRZ03		16,000	2,000				18,000	
		Project Total	16,000	2,000				18,000	
T-032600	**Local Connections NHHIP**								
	TIRZ03		250	3,500	5,000	14,000		22,750	
		Project Total	250	3,500	5,000	14,000		22,750	
T-052100	**Little Thicket Parks Improvements**								
	TIRZ05		390					390	
		Project Total	390					390	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-0522A0	**18th Street Pedestrian Improvements**								
	TIRZ05		90	1,200				1,290	
		Project Total	90	1,200				1,290	
T-0522B0	**19th Street Reconstruction**								
	TIRZ05					2,000		2,000	
		Project Total				2,000		2,000	
T-0523A0	**Shepherd Drive Reconstruction Project**								
	TIRZ05		1,500	9,600				11,100	
	TIRZ05 COH Contrib.			2,500				2,500	
	TIRZ05 Grants			26,400				26,400	
		Project Total	1,500	38,500				40,000	
T-0523B0	**Durham Reconstruction Project**								
	TIRZ05			1,000	2,018	10,000		13,018	
	TIRZ05 COH Contrib.					1,300		1,300	
	TIRZ05 Grants					32,700		32,700	
		Project Total		1,000	2,018	44,000		47,018	
T-052700	**Heights Blvd. Pedestrian/Bicycle Safety**								
	TIRZ05		530	530				1,060	
		Project Total	530	530				1,060	
T-052800	**Selected Streets between Shepherd/Durham**								
	TIRZ05			1,000	6,000			7,000	
		Project Total		1,000	6,000			7,000	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-052900	**Yale and Center Intersection**								
	TIRZ05		140					140	
	TIRZ05 Grants		810					810	
		Project Total	950					950	
T-071000	**Real Property Land Assembly & Site Prep.**								
	TIRZ07		2,114					2,114	
		Project Total	2,114					2,114	
T-0711A0	**Emancipation Ave. Reconstruction Project**								
	TIRZ07		2,519	932	2,147	1,710		7,307	
	TIRZ07 Grants			3,729	8,587	6,838		19,153	
		Project Total	2,519	4,661	10,733	8,548		26,460	
T-071200	**Emancipation Park and Community Center**								
	TIRZ07		403	403	403	403		1,610	
		Project Total	403	403	403	403		1,610	
T-071300	**Historic Holman Street Reconst. Project**								
	TIRZ07		3,902		507	1,789		6,198	
	TIRZ07 Grants				2,030	7,156		9,186	
		Project Total	3,902		2,537	8,945		15,384	
T-072200	**Greater Third Ward Neighborhood Project**								
	TIRZ07		7,155	6,947				14,102	
		Project Total	7,155	6,947				14,102	
T-072400	**Live Oak St. Improvement Project**								
	TIRZ07		12,023	3,577				15,599	
		Project Total	12,023	3,577				15,599	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-072500	**Hutchins Street Improvements Project**								
	TIRZ07				344	702		1,046	
		Project Total			344	702		1,046	
T-072600	**Scott Street Improvements Project**								
	TIRZ07				159	3,924		4,083	
	TIRZ07 Grants				636	15,697		16,333	
		Project Total			795	19,622		20,416	
T-079900	**Concrete Panel Replacement Program**								
	TIRZ07		25	25	25	25		100	
		Project Total	25	25	25	25		100	
T-080200	**Corridor Mobility Projects**								
	TIRZ08		3,000					3,000	
		Project Total	3,000					3,000	
T-080300	**MLK & Airport Blvd Intersection Imp.**								
	TIRZ08		300					300	
		Project Total	300					300	
T-080400	**Mykawa Road & Centerpoint Easement**								
	TIRZ08		400					400	
		Project Total	400					400	
T-080600	**Telephone Rd & Reveille Rd Connections**								
	TIRZ08		600					600	
		Project Total	600					600	
T-080700	**Westover Gateway Trailhead & Connection**								
	TIRZ08		500	500				1,000	
		Project Total	500	500				1,000	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-080800	**Public Improvement along Park Place Blvd**								
	TIRZ08		500	500	500	500		2,000	
		Project Total	500	500	500	500		2,000	
T-089900	**Concrete Panel Replacement Program**								
	TIRZ08		50	50	50	50		200	
		Project Total	50	50	50	50		200	
T-090100	**S. Post Oak & W. Orem Intersection Imp.**								
	TIRZ09		300					300	
		Project Total	300					300	
T-090200	**Amphitheater and Open Market**								
	TIRZ09		380					380	
		Project Total	380					380	
T-090300	**West Orem Corridor Beautification**								
	TIRZ09		150	150				300	
		Project Total	150	150				300	
T-090400	**Affordable Housing Infrastructure**								
	TIRZ09		1,275	1,025	500			2,800	
		Project Total	1,275	1,025	500			2,800	
T-090500	**Thoroughfare and Roadway Improvements**								
	TIRZ09		1,050	1,050	1,050			3,150	
		Project Total	1,050	1,050	1,050			3,150	
T-090600	**Greenspace and Landscape Improvements**								
	TIRZ09		50	50	50	50		200	
		Project Total	50	50	50	50		200	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-090700	**Street Signage and Wayfinding Graphics**								
	TIRZ09		50					50	
		Project Total	50					50	
T-090800	**Hiram Clarke Rd Bus Stop-Crossing Imp.**								
	TIRZ09		364					364	
		Project Total	364					364	
T-100900	**Kingwood Drive at Trail Wood Village Int**								
	TIRZ10		1,166					1,166	
		Project Total	1,166					1,166	
T-101000	**Kingwood Drive at Royal Forest Dr. Int.**								
	TIRZ10		1,702					1,702	
		Project Total	1,702					1,702	
T-101100	**Mill Branch Dr. Reconst. at NorthPark**								
	TIRZ10				867	5,668		6,535	
		Project Total			867	5,668		6,535	
T-101200	**Woodland Hills Extension**								
	TIRZ10				300	300		600	
		Project Total			300	300		600	
T-101300	**Northpark Drive Overpass Project**								
	TIRZ10		23,346					23,346	
	TIRZ10 COH Contrib.		9,455					9,455	
		Project Total	32,801					32,801	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-101400	**Northpark Drive Reconstruction**								
	TIRZ10				6,534	9,636		16,170	
	TIRZ10 Grants					31,199		31,199	
		Project Total			6,534	40,835		47,369	
T-101600	**Kingwood Drive at Royal Forest Drive**								
	TIRZ10			1,136				1,136	
		Project Total		1,136				1,136	
T-101700	**Kingwood Drive at Green Oak Drive**								
	TIRZ10			1,123				1,123	
		Project Total		1,123				1,123	
T-109900	**Concrete Panel Program**								
	TIRZ10		45	45	45	45		180	
		Project Total	45	45	45	45		180	
T-110300	**Greenspoint Area Streetscape Improvement**								
	TIRZ11		600	200	200	200		1,200	
		Project Total	600	200	200	200		1,200	
T-111900	**North Houston Skate Park & Without Limit**								
	TIRZ11		5	5	5	5		20	
		Project Total	5	5	5	5		20	
T-112300	**Greens Road & Drainage Improvements**								
	TIRZ11			2,225	6,390			8,615	
		Project Total		2,225	6,390			8,615	
T-112500	**Greenspoint Public Safety Campus**								
	TIRZ11			10,700				10,700	
		Project Total		10,700				10,700	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-112700	**Gears, Greens Crossing & Ella Improvemnt**								
	TIRZ11				600	3,000		3,600	
		Project Total			600	3,000		3,600	
T-113000	**North Houston Skate Park Maintenance**								
	TIRZ11		500	500	500			1,500	
		Project Total	500	500	500			1,500	
T-119900	**Concrete Panel Replacement Program**								
	TIRZ11		45	45	45			135	
		Project Total	45	45	45			135	
T-131200	**Sustainable Streetscapes**								
	TIRZ13		30	30	30	30		120	
		Project Total	30	30	30	30		120	
T-131300	**Dow School Park**								
	TIRZ13		100	100				200	
		Project Total	100	100				200	
T-131700	**Washington Ave. Pedestrian Improvement**								
	TIRZ13		52	383	391	453		1,279	
		Project Total	52	383	391	453		1,279	
T-131900	**Sawyer Street Re-Construction**								
	TIRZ13		750	375	875	535		2,535	
		Project Total	750	375	875	535		2,535	
T-139900	**Concrete Panel Replacement Program**								
	TIRZ13		25	25	25	25		100	
		Project Total	25	25	25	25		100	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
T-140300	**Gillette - Genesse Improvements**							
	TIRZ14		1,345					1,345
		Project Total	1,345					1,345
T-140900	**Fourth Ward Street Reconst. Project**							
	TIRZ14		3,750	2,000	2,050	1,000		8,800
		Project Total	3,750	2,000	2,050	1,000		8,800
T-141200	**Historical Monuments**							
	TIRZ14		200	50	200			450
		Project Total	200	50	200			450
T-141500	**Affordable Housing**							
	TIRZ14		500	500	500	500		2,000
		Project Total	500	500	500	500		2,000
T-150400	**Phase 2 Roadway & Utility Reconstruction**							
	TIRZ15		4,173					4,173
		Project Total	4,173					4,173
T-150500	**Phase 3 Roadway & Utility Reconstruction**							
	TIRZ15		158	2,971				3,128
		Project Total	158	2,971				3,128
T-150600	**Phase 4 Roadway & Utility Reconstruction**							
	TIRZ15			178	3,225			3,403
		Project Total		178	3,225			3,403
T-150800	**Property Acquisition**							
	TIRZ15		2,000					2,000
		Project Total	2,000					2,000

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
T-150900	**Phase 5 Roadway & Utility Reconstruction**							
	TIRZ15				181	2,114		2,294
		Project Total			181	2,114		2,294
T-151000	**Goal Park**							
	TIRZ15		450					450
		Project Total	450					450
T-151100	**Bastrop Promenade**							
	TIRZ15		295	250				545
		Project Total	295	250				545
T-151200	**Pocket Parks**							
	TIRZ15		1,050	550				1,600
		Project Total	1,050	550				1,600
T-159900	**Concrete Panel Replacement Program**							
	TIRZ15		25	25	25	25		100
		Project Total	25	25	25	25		100
T-160800	**Advance Traveler Information System**							
	TIRZ16		50	50	50	50		200
		Project Total	50	50	50	50		200
T-160900	**Uptown Area Intersection & Signalization**							
	TIRZ16		50	50	50	50		200
		Project Total	50	50	50	50		200
T-161100	**Right-of-Way Acquisition**							
	TIRZ16		75	75	50	50		250
		Project Total	75	75	50	50		250

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-161600	**Secondary Roadways**								
	TIRZ16		50	50	50	50		200	
		Project Total	50	50	50	50		200	
T-1617SC	**Uptown Pedestrian Network - Phase II**								
	TIRZ16		300					300	
		Project Total	300					300	
T-162200	**Parks**								
	TIRZ16		250	250	250	250		1,000	
		Project Total	250	250	250	250		1,000	
T-162500	**Lynn Street**								
	TIRZ16		800	1,500	1,600			3,900	
		Project Total	800	1,500	1,600			3,900	
T-162600	**Richmond Phase I Reconstruction**								
	TIRZ16			600	2,500	3,000		6,100	
		Project Total		600	2,500	3,000		6,100	
T-163200	**Hidalgo**								
	TIRZ16				400	2,000		2,400	
		Project Total			400	2,000		2,400	
T-163300	**Post Oak Boulevard Reconstruction**								
	TIRZ16			5,000				5,000	
		Project Total		5,000				5,000	
T-163400	**West Loop Transit Way**								
	TIRZ16		5,000					5,000	
		Project Total	5,000					5,000	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
T-163500	**Memorial Park**							
	TIRZ16		1,400	1,610	1,650	1,916		6,576
		Project Total	1,400	1,610	1,650	1,916		6,576
T-1635A0	**Memorial Park Connectivity**							
	TIRZ16		3,000					3,000
		Project Total	3,000					3,000
T-1635B0	**Memorial Park Infrastructure Phase I**							
	TIRZ16		4,700	15,500	10,000	2,300		32,500
		Project Total	4,700	15,500	10,000	2,300		32,500
T-163600	**Bellaire Uptown Transit Center**							
	TIRZ16		7,800					7,800
		Project Total	7,800					7,800
T-164000	**Drainage Project**							
	TIRZ16		500	1,500	1,000	1,500		4,500
		Project Total	500	1,500	1,000	1,500		4,500
T-164100	**Westpark**							
	TIRZ16		2,000					2,000
		Project Total	2,000					2,000
T-171400	**Frostwood Dr. & Kingsride Drainage Impr.**							
	TIRZ17		400	8,000				8,400
		Project Total	400	8,000				8,400
T-1715B0	**Barryknoll West Drainage Imp.**							
	TIRZ17			800	2,000			2,800
		Project Total		800	2,000			2,800

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-172500	**Park and Green Space Improvements**								
	TIRZ17		100	100				200	
		Project Total	100	100				200	
T-173500	**Detention Basin A**								
	TIRZ17		28,000					28,000	
		Project Total	28,000					28,000	
T-1735A0	**Detention Basin B**								
	TIRZ17				750			750	
		Project Total			750			750	
T-1738B0	**Memorial Dr. Drainage and Mobility Impr.**								
	TIRZ17		500	1,800				2,300	
	TIRZ17 Grants			7,200				7,200	
		Project Total	500	9,000				9,500	
T-179900	**Concrete Panel Replacement Program**								
	TIRZ17		35	35	35			105	
		Project Total	35	35	35			105	
T-180100	**Land Acquisition - Affordable Housing**								
	TIRZ18		165	165				330	
		Project Total	165	165				330	
T-180300	**Area Parks**								
	TIRZ18		25					25	
		Project Total	25					25	
T-180500	**Environmental Remediation**								
	TIRZ18		125	125				250	
		Project Total	125	125				250	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024
T-180600	**Historic Preservation**							
	TIRZ18			150				150
		Project Total		150				150
T-180700	**Sidewalks & Mobility**							
	TIRZ18		200	200	200			600
		Project Total	200	200	200			600
T-180800	**Arts and Culture**							
	TIRZ18		150					150
		Project Total	150					150
T-190700	**Pedestrian Accessibility**							
	TIRZ19		10	10	10	10		40
		Project Total	10	10	10	10		40
T-191300	**Greenbriar Drainage System Improvements**							
	TIRZ19			100	740	70		910
	TIRZ19 Other			1,000	5,000	5,000		11,000
		Project Total		1,100	5,740	5,070		11,910
T-191400	**Shepherd Drainage System Improvements**							
	TIRZ19		8,080	2,560	10	250		10,900
	TIRZ19 Grants					2,800		2,800
	TIRZ19 Other			3,500	500	1,000		5,000
		Project Total	8,080	6,060	510	4,050		18,700
T-191500	**Richmond Paving & Drainage Imp.**							
	TIRZ19					2,000		2,000
		Project Total				2,000		2,000

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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-191900	**Westpark Improvements - Kirby to Edloe**								
	TIRZ19				400			400	
	TIRZ19 Other					1,100		1,100	
		Project Total			400	1,100		1,500	
T-192000	**West Alabama Reconst. Buffalo Spdwy**								
	TIRZ19		3,470	150		300		3,920	
	TIRZ19 Other		3,500	6,500	7,500	7,000		24,500	
		Project Total	6,970	6,650	7,500	7,300		28,420	
T-192600	**Kirby Dr. Improvement-US 59 to Bissonnet**								
	TIRZ19			200	100			300	
	TIRZ19 Other			1,200	6,500	3,000		10,700	
		Project Total		1,400	6,600	3,000		11,000	
T-200400	**Club Creek Detention Basin and Park**								
	TIRZ20		8	3,149				3,157	
	TIRZ20 COH Contrib.			2,243				2,243	
		Project Total	8	5,392				5,400	
T-200500	**Oak Park Road Construction**								
	TIRZ20		845					845	
		Project Total	845					845	
T-200700	**Sharpstown Park Redev.(Pool & Golf Cor.)**								
	TIRZ20				1,000	1,000		2,000	
		Project Total			1,000	1,000		2,000	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
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CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-200800	**Regional Hike and Bike Trails**								
	TIRZ20		100	300	200			600	
	TIRZ20 Grants			800	800			1,600	
		Project Total	100	1,100	1,000			2,200	
T-200900	**Mall Redevelopment Project**								
	TIRZ20		2,100	3,000				5,100	
		Project Total	2,100	3,000				5,100	
T-201000	**Harwin Access Management Project**								
	TIRZ20		5,627	9,600	8,000			23,227	
		Project Total	5,627	9,600	8,000			23,227	
T-201100	**Lee LeClear Tennis Center Reconstruction**								
	TIRZ20		500	1,000				1,500	
		Project Total	500	1,000				1,500	
T-209900	**Concrete Panel Replacement Program**								
	TIRZ20		1,000					1,000	
		Project Total	1,000					1,000	
T-230600	**Sidewalk Improvements**								
	TIRZ23		364					364	
		Project Total	364					364	
T-230700	**Eastwood Park**								
	TIRZ23		50					50	
		Project Total	50					50	
T-230800	**Harrisburg Trail Improvements**								
	TIRZ23		600	600				1,200	
		Project Total	600	600				1,200	

TIRZ - TAX INCREMENT REINVESTMENT ZONES - Summary of Funds
2020-2024 CAPITAL IMPROVEMENT PLAN ($ Thousands)

CIP No.	Project		2020	2021	2022	2023	2024	2020-2024	
T-239900	**Concrete Panel Replacement Program**								
	TIRZ23		50	50	50	50		200	
		Project Total	50	50	50	50		200	
T-250100	**Hiram Clarke & W Fuqua Inter. Impr.**								
	TIRZ25		100					100	
		Project Total	100					100	
T-250200	**Post Oak & W Fuqua Inter. Imp.**								
	TIRZ25		100					100	
		Project Total	100					100	
T-250300	**Thoroughfare & Roadway Imp.**								
	TIRZ25		250	500				750	
		Project Total	250	500				750	
		Total Appropriations:	232,042	214,292	124,007	214,905		785,246	

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Houston Parks Board LGC, Inc.

Acquires land for and develops and improves new and existing public parks and open spaces, and advises the Mayor and City Council on park acquisitions and improvements. These activities provide a direct benefit to the City. The Houston Parks Board administers and manages the LGC's business operations and grants privately raised funds to the LGC in support of its purpose. LGC board members are nominated by the Mayor and confirmed by City Council, allowing the City to impose its will. Upon dissolution, the LGC's assets revert to the City. There is a potential that exclusion of the LGC would result in misleading financial reporting.

COMPONENT UNIT - Summary of Funds

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
See Bayou Greenways F-BG2020 to F-BGWO99	**Houston Bayou Greenways**						
	Bond Funds	16,882					16,882
	Other Funds	42,620					42,620
	Project Total	59,503					59,503
See Parks F-000817	**Houston Amateur Sports Park (HASP)**						
	Bond Funds	811					811
	Project Total	811					811
	Total	**60,314**					**60,314**

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

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
	Heart of the Zoo						
	Zoo Capital Funds	2,400	1,300				3,700
	Project Total	2,400	1,300				3,700
	Pantanal: Trail of the Jaguar						
	Zoo Capital Funds	15,100	2,400				17,500
	Project Total	15,100	2,400				17,500
	Avian Conservation Center						
	Zoo Capital Funds	1,000	5,000				6,000
	Project Total	1,000	5,000				6,000
	Arrival Plaza Improvement and Gift Shop Renovation						
	Zoo Capital Funds	3,000					3,000
	Project Total	3,000					3,000
	Galapagos Islands & Arrival Plaza						
	Zoo Capital Funds	17,550	27,800	13,450			58,800
	Project Total	17,550	27,800	13,450			58,800
	Infrastructure Repairs and Upgrades to Support Master Plan						
	Zoo Capital Funds	2,500	1,850	1,650			6,000
	Project Total	2,500	1,850	1,650			6,000
	Electrical Infrastructure Repairs and Upgrades						
	Zoo Capital Funds	550	550	550			1,650
	Project Total	550	550	550			1,650

COMPONENT UNIT - Summary of Funds

CIP No.	Project		Fiscal Year Planned Appropriations					2020-2024
			2020	2021	2022	2023	2024	
	Staff Office and Parking Garage							
	Zoo Capital Funds		15,300	14,000	2,000			31,300
		Project Total	15,300	14,000	2,000			31,300
	New Gate One and Recycling Center							
	Zoo Capital Funds		1,200	1,800				3,000
		Project Total	1,200	1,800				3,000
	Brown Education Center Renovation							
	Zoo Capital Funds		200	500				700
		Project Total	200	500				700
	Shade Structure at Rhinos and Giraffes							
	Zoo Capital Funds		600					600
		Project Total	600					600
	Rhino Exhibit Grading Improvement							
	Zoo Capital Funds		600					600
		Project Total	600					600
	Tiger Holding Roof Repair							
	Zoo Capital Funds		600					600
		Project Total	600					600
	Ticketing System Conversion							
	Zoo Capital Funds				750			750
		Project Total			750			750

COMPONENT UNIT - Summary of Funds

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
	New Facilities Maintenance Shops						
	Zoo Capital Funds		1,000	4,000			5,000
	Project Total		1,000	4,000			5,000
	Commissary Renovation and New Concessionaire Warehouse						
	Zoo Capital Funds		1,250	5,000			6,250
	Project Total		1,250	5,000			6,250
	Total	**60,600**	**57,450**	**27,400**			**145,450**

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

CIP No.	Project	Fiscal Year Planned Appropriations					2020-2024
		2020	2021	2022	2023	2024	
	Leased Facilities Projects						
	Houston First Funds	18,887	11,884	17,112	3,050	23,786	74,719
	Project Total	18,887	11,884	17,112	3,050	23,786	74,719
	Hilton Americas Houston Projects						
	Houston First Funds	9,000	6,543	1,053	2,092	1,075	19,763
	Project Total	9,000	6,543	1,053	2,092	1,075	19,763
	Harvey Flood and Mitigation Projects						
	Houston First Funds	15,000	15,000	2,500	2,500		35,000
	Project Total	15,000	15,000	2,500	2,500		35,000
	Total	**42,886**	**33,427**	**20,665**	**7,642**	**24,861**	**129,481**

Note: This schedule is based on Houston First Corporation's fiscal year, which begins January 1 annually, as opposed to the City of Houston's fiscal year, which begins July 1 annually.