

Houston Standing



Houston Strong



City of Houston
Fiscal Year 2019-2023

Adopted Capital Improvement Plan
Executive Summary

Sylvester Turner
Mayor

MOTION NO. 2018 0341


MOTION by Council Member Cohen that the recommendation of the Acting Director Finance Department, for approval of the Fiscal Year 2019-2023 Capital Improvement Plan, be adopted, and the 2019-2023 Capital Improvement Plan amended by Motion No. 2018 0339 and recommended modifications are hereby approved by the City Council, and will be available on the City's website located at <http://www.houstontx.gov/cip/>.

Seconded by Council Member Robinson and carried.

Mayor Turner, Council Members Stardig, Davis, Cohen,
Le, Travis, Cisneros, Gallegos, Laster, Castex-Tatum,
Knox, Robinson, Kubosh, Edwards and Christie voting aye
Nays none
Council Members Boykins and Martin absent

PASSED AND ADOPTED this 27th day of June, 2018.

Pursuant to Article VI, Section 6 of the City Charter, the
effective date of the foregoing motion is July 4, 2018.


City Secretary

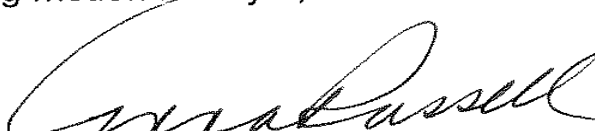
WRITTEN Motion by Council Member Christie to amend the proposed C.I.P.,
as follows:

To the extent cost savings can be achieved on any non-emergency City fleet vehicle purchase, (calculating available State, Federal or other grants, vehicle life cycle fuel costs, available interlocal agreements for vehicle and fuel purchases, and consideration of available public-private partnerships with alternative fuel/electricity providers or alternative-fueled vehicle providers/manufacturers,) establish a goal that at least 25% of non-emergency vehicles purchased annually be not exclusively diesel- or gasoline-powered (e.g., CNG-, LNG-, propane-, electric-powered, or "hybrid", etc.), and that a report on this goal be given annually to City Council

Mayor Turner, Council Members Stardig, Davis, Cohen,
Boykins, Martin, Le, Travis, Cisneros, Gallegos, Laster,
Castex-Tatum, Knox, Robinson, Kubosh, Edwards and
Christie voting aye
Nays none

PASSED AND ADOPTED this 27th day of June, 2018.

Pursuant to Article VI, Section 6 of the City Charter, the
effective date of the foregoing motion is July 4, 2018.



City Secretary

ACKNOWLEDGEMENTS

Finance Department

Tantri Erlinawati-Emo, Chief Business Officer & Director

Melissa Dubowski, Assistant Director

Houston Public Works

Carol Haddock, 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

Stephen Chamberlain, Library

Alpna(Simmi) Khana, Airport

Charlie Lee, Solid Waste

Joanne Song, Solid Waste

Joe Myers, Public Works

David Wurdlow, Public Works

Mark Board, Public Works

John Moning, Public Works

Al Owens, Fleet Management

Chief Ruy Lozano, Fire

LaDonna Weems, Information Technology

Calvin Curtis, General Services

James Reddington, General Services

James Hudkins, Police

Larry Jaskolka, Police

Chief Matt Slinkard, Police

Claudette Manning, Public Health

Margaret Colligan, Housing

Mary Itz, Housing

Treasury and Capital Management Division, Finance Department

Jaime Alvarez

James Clay

Viviaan Alba-Cruz

Christopher Gonzales

Marnita Holligan

Veronica Lizama

Image Solutions

Willie Sue Hamilton

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	Patrick Walsh
Police	Art Acevedo
Houston Public Works	Carol Haddock
Solid Waste Management	Harry Hayes

Abstract

The Fiscal Year 2019 - 2023 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, 2018 through June 30, 2019. 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 Adopted 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.
- 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
- 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

The \$2.7 billion FY2019 Capital Improvement Plan comprises of:

- Enterprise Programs total \$2.1 billion (including ReBuild Houston)
- Public Improvement Programs total \$242 million
- Component Units total \$332 million

<u>Plan Comparison (\$ millions)</u>	<u>FY18</u>		<u>FY19</u>	
Public Improvement Program*	186	8%	242	9%
ReBuild Houston	253	11%	276	10%
Combined Utility System	861	37%	1,268	47%
Houston Airport System	797	34%	557	21%
Component Units**	225	10%	332	12%
TOTAL	2,322	100%	2,675	100%

*Includes Citywide Programs such as Information Technology, Fleet, and Equipment.

**Net of overlap with Public Improvement Programs

Note: Total may not add due to rounding

FISCAL YEAR 2019 - 2023 CAPITAL IMPROVEMENT PLAN

	All Funding Sources					
	Fiscal Year Planned Appropriations (\$ Thousands)					
	2019	2020	2021	2022	2023	2019-2023
Public Improvement Programs						
Bayou Greenways	34,545	46,551	-	-	-	81,096
Fire	10,139	14,499	11,781	4,916	6,225	47,561
General Government	72,499	13,695	2,487	9,880	9,261	107,822
Health	4,477	25,417	12,908	5,200	9,934	57,935
Homeless & Housing	1,100	1,100	1,100	-	1,100	4,400
Library	8,377	14,737	380	330	330	24,154
Parks and Recreation	20,322	9,936	9,999	7,395	13,065	60,718
Police	18,896	32,878	19,172	6,000	5,743	82,689
Solid Waste Management	4,193	10,788	2,177	1,456	1,609	20,223
Subtotal	174,548	169,601	60,004	35,177	47,268	486,598
Enterprise Programs						
Aviation Facilities	557,484	648,934	124,792	42,241	39,817	1,413,268
Storm Drainage System	101,993	129,135	130,487	96,655	124,560	582,831
Street & Traffic Control	174,175	169,515	161,827	129,501	105,587	740,606
Wastewater	208,992	222,754	227,701	207,099	234,383	1,100,928
Water	1,059,149	692,284	823,864	546,147	295,649	3,417,093
Subtotal	2,101,793	1,862,622	1,468,671	1,021,644	799,996	7,254,726
Citywide Programs						
Technology	13,535	9,170	3,646	6,075	7,605	40,031
Fleet	53,537	42,891	43,692	45,164	43,679	228,964
Subtotal	67,073	52,061	47,338	51,239	51,284	268,995
City Programs Total	2,343,414	2,084,284	1,576,013	1,108,060	898,549	8,010,319
Component Units	371,238	341,413	229,627	148,883	2,500	1,093,661
Overlap Between Component Units and Public Improvement Programs	(39,356)	(65,793)	(7,000)	-	-	(112,149)
Grand Total	2,675,296	2,359,904	1,798,640	1,256,943	901,049	8,991,831

FISCAL YEAR 2019-2023 CAPITAL IMPROVEMENT PLAN

General Obligation Bond Summary Fiscal Year Planned Appropriations (\$ Thousands)							Leverage of
	2019	2020	2021	2022	2023	2019-2023	Non-Debt Funding
Public Improvement Programs							
Bayou Greenways	18,601	17,251	-	-	-	35,852	56%
Fire	10,139	14,499	11,781	4,916	6,225	47,561	0%
General Government *	72,499	13,695	2,487	9,880	9,261	107,822	0%
Health	4,477	25,417	12,908	5,200	9,934	57,935	0%
Homeless & Housing	1,100	1,100	1,100	-	1,100	4,400	0%
Library	8,377	14,737	380	330	330	24,154	0%
Parks and Recreation	15,396	5,836	5,899	7,395	12,864	47,391	22%
Police	14,876	28,858	15,152	5,980	5,723	70,589	15%
Solid Waste Management	4,193	10,788	2,177	1,456	1,609	20,223	0%
Subtotal	149,658	132,181	51,884	35,157	47,047	415,927	15%
Citywide Programs							
Technology	13,535	9,170	3,646	6,075	7,605	40,031	0%
Fleet	33,102	30,551	31,074	31,079	30,786	156,590	32%
Subtotal	46,637	39,721	34,720	37,154	38,391	196,621	27%
Total	196,295	171,901	86,603	72,311	85,438	612,548	
Projects with a Dedicated Funding Source for Debt Service *	(2,000)	(2,000)	-	-	-	(4,000)	
Grand Total	194,295	169,901	86,603	72,311	85,438	608,548	
Principal Payable from Ad Valorem							
Taxes on Existing Debt	246,399	225,449	235,374	225,524	214,084	1,146,830	
Net Increase (Decrease) to Outstanding							
Debt	(52,104)	(55,548)	(148,771)	(153,213)	(128,646)	(538,282)	

* 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.

2019-2023 CAPITAL IMPROVEMENT PLAN**All Funding Sources by Fund**

Fiscal Year Planned Appropriations (\$ Thousands)

Source of Funds	2019	2020	2021	2022	2023	2019-2023
1011 - Workers Compensation Admin Fund	114					114
1800 - Equipment Acquisition Consolidated Fund	25,629	21,299	20,047	18,278	25,400	110,653
1801 - Dangerous Building Consolidated Fund	700	650	1,000	2,000		4,350
1850 - Reimbursement of Equipment/Projects Fund	2,000	2,000				4,000
2002 - Health Special Revenue	95	70	70	70	70	375
2009 - Swimming Pool Safety	35	35	70	70	70	280
2104 - Parks Golf Special		151	262	416		829
2106 - Bayou Greenway 2020	110	146	142	227		625
2301 - Building Inspection Fund	887	596	791	529	773	3,576
2302 - Stormwater Fund	2,973	920	960	672	1,018	6,543
2310 - Dedicated Drainage & Street Renewal	3,952	2,109	3,077	2,072	3,551	14,760
2423 - Special Waste Transportation & Inspect	35	35	70	105	70	315
4035 - Parks & Recreation Dedication Fund	100	100	100			300
4039 - Misc Cap. Projects/Acquisitions CP Ser E	35,470	45,536	7,578	2,232	361	91,178
4040A - Metro Construction - Other	3,165	3,229	3,295	3,336	3,292	16,317
4040 - METRO Projects Construction - DDSRF	75,529	84,743	67,544	68,542	58,559	354,917
4042 - Street & Trfc Control & Strm Drain DDSRF	140,532	147,259	171,036	130,687	167,297	756,810
4500 - Fire Consolidated Construction Fund	14,600	10,993	18,133	11,823	13,481	69,030
4501 - Homeless & Housing Consolidated Fund	1,100	1,100	1,100		1,100	4,400
4502 - Parks Consolidated Construction Fund	46,635	22,087	5,899	7,395	12,864	94,880
4503 - Solid Waste Consolidated Construction Fd	3,682	10,127	1,717	1,216	1,249	17,991
4504 - Police Consolidated Construction Fund	16,729	17,092	20,734	17,198	16,845	88,599
4507 - Public Library Consolidated Constr Fund	25,587	14,737	380	330	330	41,364
4508 - Public Health Consolidated Constr Fund	21,687	24,387	8,906	4,455	9,934	69,369
4509 - General Improvement Consol Constr Fd	2,478	1,892	1,109	7,383	3,872	16,734
4510 - Contribution for Capital Projects	3,600	52,420	5,252			61,272
5000 - Federal Government - Grant Funded	37,266					37,266
5010 - State - Grant Funded	1,000	1,000				2,000
5430 - Federal State Local - HPW Pass thru DDSR	12,000	11,000	45,187	23,591	1,000	92,779
8011 - HAS-Airports Improvement	66,242	192,065	53,050	39,999	37,996	389,352
8012 - HAS-AIF Capital Outlay	4,817	4,625	2,652	4,581	2,828	19,503
8305 - HPW-Combined Utility System Gen Pur Fund	6,241	3,564	4,464	5,284	4,454	24,007
8319 - HPW-W & S Contributed CAP	2,960				41,400	44,360
8500 - HPW-W&S Syst Consolidated Constr Fd	463,583	367,189	438,792	464,942	377,745	2,112,250

2019-2023 CAPITAL IMPROVEMENT PLAN**All Funding Sources by Fund**

Fiscal Year Planned Appropriations (\$ Thousands)

Source of Funds	2019	2020	2021	2022	2023	2019-2023
8505 Prop W&S Cont.	442,009	422,790	422,791	249,830	96,089	1,633,509
8506 Proposed TWDB	68,069	65,110	65,110	38,474	14,798	251,561
8507 Water Auth NETL	188,415	37,574				225,989
8508 HPW NETL Constr	79,509	22,375				101,885
8509 Water Auth SETL	20,035		106,618			126,653
8510 HPW SETL Constr	3,561		18,254			21,815
8700 - Parking Management Operating Fund	122	90	60	60	60	392
9002 - Fleet/Equipment Special Revenue	1,055					1,055
FAA/AIP		10,429				10,429
Frds Of Lee LeClear	376	2,000	1,000			3,376
Grants	20	20	20	20	20	100
Houston First Corporation	43,197	17,318	27,710	10,385	2,500	101,110
Houston Zoo, Inc.	34,480	42,120	50,120			126,720
HPB Fundraising	15,944	29,300				45,244
Private Funding	3,450					3,450
Proposed HGAC					201	201
REV BONDS/CP	480,038	446,440	71,742	1,639		999,859
R&R	11,204			603	1,821	13,628
TIRZ01	2,150	4,000	4,000	600		10,750
TIRZ02	23,511	28,563	22,226	5,241		79,541
TIRZ02 Bonds	7,295	800				8,095
TIRZ03	15,352	8,852	10,352	12,352		46,908
TIRZ05	3,380	5,000	2,790	8,200		19,370
TIRZ05 Grants		20,000		20,000		40,000
TIRZ07	28,139	11,883	3,584	8,552		52,159
TIRZ07 Grants		3,728	11,252	29,692		44,672
TIRZ08	2,641	1,100	500			4,241
TIRZ09	3,790	3,310	1,160	635		8,895
TIRZ10	16,000	21,016	3,361	645		41,022
TIRZ10 Grants			13,262			13,262
TIRZ11	11,336	11,135	4,745	2,445		29,661
TIRZ13	1,095	890	1,125	1,175		4,285
TIRZ14	3,720	2,050	1,457	2,551		9,778
TIRZ15	1,454	5,491	3,309	3,566		13,819

2019-2023 CAPITAL IMPROVEMENT PLAN**All Funding Sources by Fund**

Fiscal Year Planned Appropriations (\$ Thousands)

Source of Funds	2019	2020	2021	2022	2023	2019-2023
TIRZ16	23,160	23,550	21,100	8,350		76,160
TIRZ16 Grants	33,440					33,440
TIRZ17	45,500	29,035	10,735	2,785		88,055
TIRZ17 Grants	13,800		7,200			21,000
TIRZ18	665	515	200			1,380
TIRZ19	3,087	2,855	1,612	410		7,964
TIRZ19 Grants	1,908		2,818			4,726
TIRZ19 Other	8,000	17,000	22,000	30,700		77,700
TIRZ20	7,663	19,408	3,008			30,079
TIRZ23	1,119	1,000		600		2,719
TXDOT-9999	4,076					4,076
Grand Total:	2,675,295	2,359,904	1,798,640	1,256,944	901,049	8,991,831

