

MOTION by Council Member Cohen that the recommendation of the Director of the Finance Department, for approval of the Fiscal Year 2017-2021 Capital Improvement Plan and to establish a charge for copies, be adopted, and the 2017-2021 Capital Improvement Plan as amended by Motion Nos. 2016-0356, 2016-0357 and 2016-0360 is hereby approved by the City Council, and a charge of \$75.00, plus tax and postage, for the sale of Volume One, Volume Two and the Executive Summary and a charge of \$5.00 plus postage for a CD version, are hereby established for the sale of said documents.

Seconded by Council Member Robinson and carried.

Mayor Turner, Council Members Stardig, Cohen, Boykins, Martin, Le, Travis, Cisneros, Gallegos, Green, Knox, Robinson, Edwards and Christie voting aye  
Council Members Laster and Kubosh voting no  
Council Member Davis absent

PASSED AND ADOPTED this 20th day of July, 2016.

Pursuant to Article VI, Section 6 of the City Charter, the effective date of the foregoing motion is July 26, 2016.



City Secretary

## **ACKNOWLEDGEMENTS**

### **Finance Department**

Kelly Dowe, Chief Business Officer

Tantri Emo, Deputy Director

Jennifer Olenick, Deputy Director

### **Public Works and Engineering**

Dale Rudick, P.E., Director

Carol Haddock, Interim Deputy Director

### **General Services Department**

Scott Minnix, Director

Richard Vella, Assistant Director

### **Houston Airport System**

Mario Diaz, Director

### **Department CIP Coordinators and Support Staff**

Lisa Johnson, General Services

Carter Roper, Library

Alpna (Simmi) Khana, Airport

Charlie Lee, Solid Waste

Steve Francis, Solid Waste

Mark Board, Public Works

Al Owens, Fleet Management

Chief M. Donovan, Fire

LaDonna Weems, Information Technology

Mary Thomas, Fire

Calvin Curtis, General Services

James Reddington, General Services

Joseph Fenninger, Police

Larry Jaskolka, Police

Claudette Manning, Public Health

Margaret Colligan, Housing

Mary Itz, Housing

### **Treasury and Capital Management Division, Finance Department**

Jaime Alvarez

James Clay

Melissa Dubowski

Christopher Gonzales

Marnita Holligan

Veronica Lizama

Samiah Usmani

### **Image Solutions**

Willie Sue Hamilton

## CITY OF HOUSTON ELECTED OFFICIALS

Sylvester Turner	Mayor
Chris Brown	City Controller
Brenda Stardig	District A
Jerry Davis	District B
Ellen Cohen	District C
Dwight 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
Larry Green	District K
Mike Knox	At Large Position 1
David Robinson	At Large Position 2
Michael Kubosh	At Large Position 3
Amanda Edwards	At Large Position 4
Jack Christie	At Large Position 5

## CITY OF HOUSTON DEPARTMENT DIRECTORS

<b>Departments</b>	<b>Directors</b>
Administration and Regulatory Affairs	Tina Paez
Aviation	Mario C. Diaz
City Secretary	Anna Russell
Finance	Kelly Dowe
Fire	Rodney West (Interim Chief)
Fleet Management	Victor Ayres
General Services	Scott Minnix
Houston Health Department	Stephen L. Williams
Housing and Community Development	Tom McCasland (Interim)
Houston Emergency Center	David F. Cutler
Human Resources	Jane Cheeks
Information Technology	Lisa Kent (Interim)
Legal	Ronald Lewis
Library	Rhea Brown Lawson
Municipal Courts	Barbara E. Hartle
Neighborhoods	TaKasha L. Francis
Office of Business Opportunity	Carlecia Wright
Parks & Recreation	Joe Turner
Planning & Development	Patrick Walsh
Police	Martha Montalvo (Interim Chief)
Public Works and Engineering	Dale Rudick, P.E.
Solid Waste Management	Harry Hayes

## Abstract

The Fiscal Year 2017 - 2021 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, 2016 through June 30, 2017. 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)
  - Community Development Block Grants
  - 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 \$2.2 billion Fiscal Year 2017 Capital Improvement Plan comprises of:
- Enterprise Programs total \$1.8 billion (including ReBuild Houston)
  - Public Improvement Programs total \$202 million
  - Component Units total \$216 million

<u>Plan Comparison (\$ millions)</u>	<u>FY16</u>		<u>FY17</u>	
Public Improvement	284	14%	202	9%
Program* ReBuild Houston	265	13%	271	12%
Combined Utility System	530	25%	751	35%
Houston Airport System	754	36%	731	34%
Component Units**	265	13%	216	10%
<b>TOTAL</b>	<b>2,099</b>	<b>100%</b>	<b>2,171</b>	<b>100%</b>

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

\*\*Net of overlap with Public Improvement Programs

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

	<b>All Funding Sources</b>					
	Fiscal Year Planned Appropriations (\$ Thousands)					
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2017-2021</b>
<b>Public Improvement Programs</b>						
Bayou Greenways	43,373	28,844	42,447	35,680	-	150,344
Fire	17,976	8,436	13,325	10,542	7,046	57,325
General Government	11,201	57,488	5,336	4,187	10,293	88,504
Health	4,792	32,239	5,359	13,631	20,275	76,296
Homeless & Housing	1,100	1,100	1,100	1,100	1,100	5,500
Library	1,426	2,847	8,954	4,011	2,575	19,812
Parks and Recreation	36,892	37,131	15,387	5,562	6,983	101,955
Police	17,553	2,139	5,218	14,627	10,056	49,594
Solid Waste Management	1,834	2,598	10,655	1,056	1,092	17,234
<b>Subtotal</b>	<b>136,148</b>	<b>172,822</b>	<b>107,781</b>	<b>90,395</b>	<b>59,420</b>	<b>566,564</b>
<b>Enterprise Programs</b>						
Aviation Facilities	730,691	802,914	315,203	101,531	294,237	2,244,576
Storm Drainage System	69,487	64,623	114,824	95,347	112,828	457,109
Street & Traffic Control	201,470	159,648	114,647	144,048	175,915	795,728
Wastewater	185,000	185,000	185,000	185,000	185,000	925,000
Water	566,369	668,438	990,819	283,255	192,241	2,701,121
<b>Subtotal</b>	<b>1,753,017</b>	<b>1,880,623</b>	<b>1,720,493</b>	<b>809,181</b>	<b>960,221</b>	<b>7,123,534</b>
<b>Citywide Programs</b>						
Technology	13,086	4,198	6,160	9,724	3,076	36,244
Fleet	53,043	39,619	38,451	38,262	39,295	208,669
<b>Subtotal</b>	<b>66,129</b>	<b>43,817</b>	<b>44,611</b>	<b>47,986</b>	<b>42,371</b>	<b>244,913</b>
<b>City Programs Total</b>	<b>1,955,293</b>	<b>2,097,261</b>	<b>1,872,885</b>	<b>947,561</b>	<b>1,062,011</b>	<b>7,935,012</b>
<b>Component Units</b>	<b>247,729</b>	<b>249,762</b>	<b>227,219</b>	<b>140,344</b>	<b>10,249</b>	<b>875,303</b>
Overlap Between Component Units and Public Improvement Programs	(32,143)	(11,347)	(16,196)	(44,389)	(1,500)	(105,575)
<b>Grand Total</b>	<b>2,170,880</b>	<b>2,335,676</b>	<b>2,083,908</b>	<b>1,043,516</b>	<b>1,070,760</b>	<b>8,704,740</b>

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

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

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

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



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