



STORM DRAINAGE SYSTEM

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The Storm Drainage System Improvements designs and constructs capital improvement projects in order to provide a standard level of service and reduce the risk of structural flooding for Houston and its citizens. The Storm Water Drainage System (System) consists of components that intercept and convey rainfall runoff to a channel or basin; which includes sheet flow of rainfall runoff from adjacent properties to the public right-of-way, conveyance by roadside ditch or curb and gutter to inlet collection points, conveyance by underground storm pipe, and outfall at the receiving channel. The Program consists of the following components:

Area Drainage

Projects that were included in the previous adopted Capital Improvement Plans will continue to completion using the Dedicated Drainage and Street Renewal Fund (DDSRF).

Future projects will be developed from Need Areas, identified and prioritized by a new citywide Geographic Information System (GIS) tool. The tool, called Storm Water Enhanced Evaluation Tool or SWEET, uses objective criteria for citywide comparisons to rank the highest priority Need Areas, and is subsequently used to prioritize Candidate Projects for the storm drainage system.

The projects recommended for program funding have the highest need for drainage improvements and compete based on providing the most benefit for the least cost. Each project will be designed to contain the standard design rainfall runoff in the underground storm pipe or roadside ditch. Each project has the objective of reducing the potential for structural flooding by containing the rainfall runoff from the extreme event in the public right-of-way to protect adjacent properties.

STORM DRAINAGE SYSTEM

Local Drainage

The purpose of Local Drainage Projects (LDP) is to investigate and resolve reported localized drainage problems for which maintenance activities have determined that an engineered solution is necessary. These LDPs are smaller in scale than traditional storm drainage projects and are much faster to implement. LDPs are initiated by the Storm Drainage Maintenance Branch, most commonly as a response to 311 service requests. LDPs may involve street / structural flooding, roadside ditch / tributary / channel repair, storm sewer system repair and limited improvements, outfall structure repair, or detention basin rectification.

In summary, the FY2013-2017 Storm Drainage Capital Improvements Program totals \$335 million that is funded primarily by the Dedicated Drainage and Street Renewal Fund (DDSRF) as approved by the voters on November 2, 2010.

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project Allocation	Previous Appropriations	Fiscal Year Planned Appropriations					2013-2017	Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	100	6,029					6,029	6,129
Design	41,604	9,645	9,093	5,395	6,684	7,324	38,141	79,745
Construction	22,144	47,208	70,689	49,624	70,744	65,039	303,304	325,448
Equipment Acquisition								
Project Closeout								
Other		203	207	210	214	217	1,051	1,051
Total Allocation	63,849	63,085	79,989	55,229	77,642	72,580	348,525	412,374
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	13,741							13,741
4042 - Street & Trfc Control & Strm Drain DDSRF	49,723	60,549	73,220	54,007	74,966	72,580	335,322	385,045
4505 - Storm Sewer Consolidated Construction Fd	384							384
8500 - PWE-W&S Syst Consolidating Constr Fd		2,536	6,769	1,222	2,676		13,203	13,203
Total Funds	63,849	63,085	79,989	55,229	77,642	72,580	348,525	412,374
Fund 8500 Contribution to Rebuild Houston Adjustment		-2,536	-6,769	-1,222	-2,676		-13,203	-13,203
Total Funds	63,849	60,549	73,220	54,007	74,966	72,580	335,322	399,171

**STORM DRAINAGE SYSTEM - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project	Fiscal Year Planned Appropriations					2013-2017
		2013	2014	2015	2016	2017	
M-0000NA	Contingencies						
	4042 - Street & Trfc Control & Strm Drain DDSRF	887	1,300	4,803		55,191	62,181
	Project Total	887	1,300	4,803		55,191	62,181
M-000100	Pre-Engineering for Storm Water Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,768	2,795	2,895	4,184	4,824	17,466
	Project Total	2,768	2,795	2,895	4,184	4,824	17,466
M-000101	Miscellaneous and Emergency Needs						
	4042 - Street & Trfc Control & Strm Drain DDSRF	203	207	210	214	217	1,051
	Project Total	203	207	210	214	217	1,051
M-000126	Local Drainage Project (LDP) Program						
	4042 - Street & Trfc Control & Strm Drain DDSRF	4,000	4,000	4,000	4,000	4,000	20,000
	Project Total	4,000	4,000	4,000	4,000	4,000	20,000
M-000220	Storm Drainage Program Support						
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,500	1,500	1,500	1,500	1,500	7,500
	Project Total	1,500	1,500	1,500	1,500	1,500	7,500
M-000241	Stormwater Pump Station & Flood Warning						
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,300	2,150	1,000			4,450
	Project Total	1,300	2,150	1,000			4,450
M-000247	Nottingham & Yorkshire Drainage & Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF	9,363	2,688				12,051
	8500 - PWE-W&S Syst Consolidating Constr Fd	2,536					2,536
	Project Total	11,899	2,688				14,587
M-000261	Buffalo Bayou Detention Basin						
	4042 - Street & Trfc Control & Strm Drain DDSRF	6,847					6,847
	Project Total	6,847					6,847

**STORM DRAINAGE SYSTEM - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2013-2017
		2013	2014	2015	2016	2017	
M-000263	Sherwood Forest Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF	8,843					8,843
	Project Total	8,843					8,843
M-000265	Rampart Street Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF	760	15,491		14,920		31,171
	Project Total	760	15,491		14,920		31,171
M-000267	Shepherd Drive Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF	8,993					8,993
	Project Total	8,993					8,993
M-000271	Meyerland and Marilyn Estates Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF	200	5,646				5,846
	8500 - PWE-W&S Syst Consolidating Constr Fd		2,927				2,927
	Project Total	200	8,573				8,773
M-000277	Southpark and Southcrest Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF	100	8,303				8,403
	8500 - PWE-W&S Syst Consolidating Constr Fd		987				987
	Project Total	100	9,290				9,390
M-000281	Braesmont Dr. and S. Rice Ave						
	4042 - Street & Trfc Control & Strm Drain DDSRF		5,934				5,934
	8500 - PWE-W&S Syst Consolidating Constr Fd		2,019				2,019
	Project Total		7,953				7,953
M-000284	Airline Dr. Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF				14,887		14,887
	Project Total				14,887		14,887
M-000285	Garden Oaks and Shepherd Forest Drainage						

**STORM DRAINAGE SYSTEM - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2013-2017
		2013	2014	2015	2016	2017	
	4042 - Street & Trfc Control & Strm Drain DDSRF	533	6,728				7,261
	Project Total	533	6,728				7,261
M-000286	Pleasantville and Glendale Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF	2,166			11,989		14,155
	8500 - PWE-W&S Syst Consolidating Constr Fd				2,676		2,676
	Project Total	2,166			14,665		16,831
M-000287	Wirt Road Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF			4,676			4,676
	8500 - PWE-W&S Syst Consolidating Constr Fd			1,222			1,222
	Project Total			5,898			5,898
M-000288	Easthaven Blvd(Bryant to Ledge) Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF	500	4,375				4,875
	8500 - PWE-W&S Syst Consolidating Constr Fd		836				836
	Project Total	500	5,211				5,711
M-000289	Minnetex Place and Almeda Genoa Place Dr						
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,544			8,368		9,912
	Project Total	1,544			8,368		9,912
M-000290	Montrose Area and Midtown Drainage						
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,800	13,536		5,848	23,184
	Project Total		3,800	13,536		5,848	23,184
M-000291	Sagemont Drainage and Paving						
	4042 - Street & Trfc Control & Strm Drain DDSRF	100		4,193			4,293
	Project Total	100		4,193			4,293
M-000293	Binglewood, Inwood Forest, & Oak Forest						
	4042 - Street & Trfc Control & Strm Drain DDSRF			3,375			3,375

**STORM DRAINAGE SYSTEM - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2013-2017	
		2013	2014	2015	2016	2017		
	Project Total			3,375			3,375	
M-000294	Cullen Blvd. Drainage and Paving							
	4042 - Street & Trfc Control & Strm Drain DDSRF			7,667			7,667	
	Project Total			7,667			7,667	
M-000295	Scott Street Drainage and Paving							
	4042 - Street & Trfc Control & Strm Drain DDSRF		900		5,660		6,560	
	Project Total		900		5,660		6,560	
M-000296	Mitigation Program for Captial Imp Prgms							
	4042 - Street & Trfc Control & Strm Drain DDSRF	7,032	1,150	5,152			13,334	
	Project Total	7,032	1,150	5,152			13,334	
M-000297	Stormwater Quality Demonstration Project							
	4042 - Street & Trfc Control & Strm Drain DDSRF	1,610					1,610	
	Project Total	1,610					1,610	
M-000298	Mayfair Drainage & Paving							
	4042 - Street & Trfc Control & Strm Drain DDSRF	300	448				748	
	Project Total	300	448				748	
M-000800	Developer Participation							
	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	
M-001010	Wycliffe Drive Drainage and Paving							
	4042 - Street & Trfc Control & Strm Drain DDSRF		1,000		8,244		9,244	
	Project Total		1,000		8,244		9,244	
M-001013	Willow Waterhole Drainage and Paving							
	4042 - Street & Trfc Control & Strm Drain DDSRF		3,805				3,805	
	Project Total		3,805				3,805	

**STORM DRAINAGE SYSTEM - Summary of Funds
2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

CIP No.	Project						2013-2017	
		2013	2014	2015	2016	2017		
	Total Appropriations:	63,085	79,989	55,229	77,642	72,580	348,525	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Contingencies FACILITY UNASSIGNED - , TX 77002	Project No.		M-0000NA	
Project Description				
This project provides for unforeseen needs for facility right-of-way, site, and easement acquisition; engineering and construction services; and legal services required in conjunction with various projects and activities.	City Council District			
	Location	W	Key Map	
	Served:	W	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project is required to provide for unforeseen costs.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction		887	1,300	4,803		55,191	62,181	62,181
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation		887	1,300	4,803		55,191	62,181	62,181
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF		887	1,300	4,803		55,191	62,181	62,181
Total Funds		887	1,300	4,803		55,191	62,181	62,181

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Pre-Engineering for Storm Water Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000100	
Project Description				
Program supports development of candidate projects for programming in future Capital Improvement Plans. Pre-Engineering is performed, either using professional engineering services or internal City staff, annually on candidate needs to define project scopes, cost estimates and implementation schedules.	City Council District			
	Location	V	Key Map	
	Served:	V	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Developing specific, detailed projects to address the identified highest needs will provide candidate projects with both costs and benefits defined for citywide comparison and ranking for implementation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	3,414	2,768	2,795	2,895	4,184	4,824	17,466	20,880
Construction	149							149
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	3,563	2,768	2,795	2,895	4,184	4,824	17,466	21,029
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	3,563	2,768	2,795	2,895	4,184	4,824	17,466	21,029
Total Funds	3,563	2,768	2,795	2,895	4,184	4,824	17,466	21,029

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Miscellaneous and Emergency Needs FACILITY UNASSIGNED - , TX 77002	Project No.		M-000101	
Project Description				
This project provides for miscellaneous and emergency needs including right-of-way acquisition, design, construction and legal services for future projects or unforeseen projects.	City Council District			
	Location	V	Key Map	
	Served:	V	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
This project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction	866							866
Equipment Acquisition								
Project Closeout								
Other		203	207	210	214	217	1,051	1,051
Total Allocation	866	203	207	210	214	217	1,051	1,917
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	866	203	207	210	214	217	1,051	1,917
Total Funds	866	203	207	210	214	217	1,051	1,917

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Local Drainage Project (LDP) Program FACILITY UNASSIGNED - , TX 77002		Project No.		M-000126	
Project Description					
This program provides professional engineering services and construction to address necessary localized storm water drainage system improvements citywide. The program addresses storm water drainage system repairs that are beyond the scope of maintenance.		City Council District			
		Location	V	Key Map	
		Served:	V	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
This citywide program is required to provide engineering and construction to resolve localized storm water drainage problems.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land	100							100
Design	2,124	1,000	1,000	1,000	1,000	1,000	5,000	7,124
Construction	6,307	3,000	3,000	3,000	3,000	3,000	15,000	21,307
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	8,531	4,000	4,000	4,000	4,000	4,000	20,000	28,531
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	8,232	4,000	4,000	4,000	4,000	4,000	20,000	28,232
4505 - Storm Sewer Consolidated Construction Fd	299							299
Total Funds	8,531	4,000	4,000	4,000	4,000	4,000	20,000	28,531

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Storm Drainage Program Support FACILITY UNASSIGNED - , TX 77002		Project No.		M-000220	
Project Description					
Provides project management, planning and technical support, engineering, and construction management to support planning, development, and implementation of the CIP.		City Council District			
		Location	V	Key Map	
		Served:	V	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
Technical services are necessary to support the CIP to deliver storm water drainage improvement projects that reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	17,100	1,500	1,500	1,500	1,500	1,500	7,500	24,600
Construction	18							18
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	17,118	1,500	1,500	1,500	1,500	1,500	7,500	24,618
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	9,355							9,355
4042 - Street & Trfc Control & Strm Drain DDSRF	7,764	1,500	1,500	1,500	1,500	1,500	7,500	15,264
Total Funds	17,118	1,500	1,500	1,500	1,500	1,500	7,500	24,618

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Stormwater Pump Station & Flood Warning FACILITY UNASSIGNED - , TX 77002		Project No.		M-000241	
Project Description					
This program consists of engineering design, construction of new and rehabilitation of existing City storm water facilities, including: storm water pump stations and flood warning systems at various locations citywide.		City Council District			
		Location	V	Key Map	
		Served:	V	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
The program is necessary to identify and prioritize the need for safety enhancements, improved functionality, and advance flood warning system to alert the traveling public.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	865	300	300				600	1,465
Construction	0	1,000	1,850	1,000			3,850	3,850
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	865	1,300	2,150	1,000			4,450	5,315
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	780	1,300	2,150	1,000			4,450	5,230
4505 - Storm Sewer Consolidated Construction Fd	86							86
Total Funds	865	1,300	2,150	1,000			4,450	5,315

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Nottingham & Yorkshire Drainage & Paving FACILITY UNASSIGNED - , TX 77002		Project No.		M-000247	
Project Description					
Project provides for the right-of-away acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities to serve the Nottingham and Yorkshire areas. CDP outfall W0208, W0209, W0211, W0212, W0224, W0917, and adjacent drainage areas. Buffalo		City Council District			
		Location	G	Key Map	
		Served:	G	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow. Mitigation will be provided by M-000261.		Units	0		
		Start Year	2012		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	676	100					100	776
Construction		11,799	2,688				14,487	14,487
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	676	11,899	2,688				14,587	15,263
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	676	9,363	2,688				12,051	12,727
8500 - PWE-W&S Syst Consolidating Constr Fd		2,536					2,536	2,536
Total Funds	676	11,899	2,688				14,587	15,263

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Buffalo Bayou Detention Basin FACILITY UNASSIGNED - , TX 77002	Project No.		M-000261	
Project Description				
Project addresses watershed storm water quantity and quality requirements. It includes design and construction of detention.	City Council District			
	Location	G	Key Map	
	Served:	G	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project is necessary for mitigation of impacts resulting from combined storm water drainage project improvements in the area.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	586	234				234	820	
Construction		6,613				6,613	6,613	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	586	6,847				6,847	7,433	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	586	6,847				6,847	7,433	
Total Funds	586	6,847				6,847	7,433	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Sherwood Forest Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000263	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Sherwood Forest area. CDP outfall W0434, W0507, and adjacent areas. Buffalo Bayou watershed.	City Council District			
	Location	G	Key Map	
	Served:	G	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
This project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow. Mitigation will be provided by M-000261.	Units	0		
	Start Year	2007		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	1,211	539				539	1,750	
Construction		8,304				8,304	8,304	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	1,211	8,843				8,843	10,054	
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	300						300	
4042 - Street & Trfc Control & Strm Drain DDSRF	911	8,843				8,843	9,754	
Total Funds	1,211	8,843				8,843	10,054	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Rampart Street Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000265	
Project Description				
Project provides for the design and construction of storm drainage improvements in the area, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Westmoreland, Sharpstown, Braeburn, and Maplewood area. CDP outfall D0326. Sims Bayou watershed.	City Council District			
	Location	C,J	Key Map	
	Served:	C,J	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2007		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	831	760				760	1,591	
Construction			15,491		14,920	30,411	30,411	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	831	760	15,491		14,920	31,171	32,002	
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	210						210	
4042 - Street & Trfc Control & Strm Drain DDSRF	621	760	15,491		14,920	31,171	31,792	
Total Funds	831	760	15,491		14,920	31,171	32,002	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Shepherd Drive Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000267	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve an area surrounding Shepherd Drive from Westheimer Road to Buffalo Bayou. CDP Outfall W0679 and adjacent areas. Buffalo Bayou watershed.	City Council District			
	Location	C	Key Map	
	Served:	C	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
This project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2007		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	798	500				500	1,298	
Construction		8,493				8,493	8,493	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	798	8,993				8,993	9,791	
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	796						796	
4042 - Street & Trfc Control & Strm Drain DDSRF	2	8,993				8,993	8,995	
Total Funds	798	8,993				8,993	9,791	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Meyerland and Marilyn Estates Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000271	
Project Description				
Project provides for the right-of-away acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Meyerland and Marilyn Estates areas and will deliver project M-000279. CDP outfall D0192, D0212, D0320, D0219, D0220, D0273 and adjacent areas. Brays Bayou watershed.	City Council District			
	Location	C,K	Key Map	
	Served:	C	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	515	200				200	715	
Construction			8,573			8,573	8,573	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	515	200	8,573			8,773	9,288	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	515	200	5,646			5,846	6,361	
8500 - PWE-W&S Syst Consolidating Constr Fd			2,927			2,927	2,927	
Total Funds	515	200	8,573			8,773	9,288	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Southpark and Southcrest Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000277	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Southpark and Southcrest areas. CDP outfall D0898 and adjacent areas. Sims Bayou watershed	City Council District			
	Location	D,I	Key Map	
	Served:	D,I	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2011		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	654	100				100	754	
Construction			9,290			9,290	9,290	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	654	100	9,290			9,390	10,044	
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	94						94	
4042 - Street & Trfc Control & Strm Drain DDSRF	559	100	8,303			8,403	8,962	
8500 - PWE-W&S Syst Consolidating Constr Fd			987			987	987	
Total Funds	654	100	9,290			9,390	10,044	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Braesmont Dr. and S. Rice Ave FACILITY UNASSIGNED - , TX 77002	Project No.		M-000281	
Project Description				
Drainage improvements to serve the Marilyn Estates area. Project bound by Atwell on the west, Chimney Rock on the east, Brays Bayou on the north, and Lymbar on the south. CDP outfall D0320.	City Council District			
	Location	C	Key Map	
	Served:	C	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project involves the construction of storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provides detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	188						188	
Construction			7,953			7,953	7,953	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	188		7,953			7,953	8,141	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	188		5,934			5,934	6,122	
8500 - PWE-W&S Syst Consolidating Constr Fd			2,019			2,019	2,019	
Total Funds	188		7,953			7,953	8,141	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Airline Dr. Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000284	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Airline Drive area. CDP outfall E0369. White Oak Bayou watershed.	City Council District			
	Location	H	Key Map	
	Served:	H	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2007		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	1,489						1,489	
Construction	765				14,887	14,887	15,652	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	2,254				14,887	14,887	17,141	
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	550						550	
4042 - Street & Trfc Control & Strm Drain DDSRF	1,704				14,887	14,887	16,591	
Total Funds	2,254				14,887	14,887	17,141	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Garden Oaks and Shepherd Forest Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000285	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Garden Oaks, Shepherd Forest, Shepherd Park, Candlelight Plaza, Pinemont, and Oak Grove areas. CDP outfall E0247, E0159, E0189. E0403, E0410, and adjacent areas. White Oak watershed	City Council District			
	Location	B,C,H	Key Map	
	Served:	B,C,H	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	1,103	533				533	1,636	
Construction			6,728			6,728	6,728	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	1,103	533	6,728			7,261	8,364	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,103	533	6,728			7,261	8,364	
Total Funds	1,103	533	6,728			7,261	8,364	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Pleasantville and Glendale Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000286	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Pleasantville and Glendale areas. CDP outfall H0072 and adjacent areas. Buffalo Bayou and San Jacinto River watersheds.	City Council District			
	Location	B,H	Key Map	
	Served:	B,H	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		1,760					1,760	1,760
Design	706	406					406	1,112
Construction					14,665		14,665	14,665
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	706	2,166			14,665		16,831	17,537
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	706	2,166			11,989		14,155	14,861
8500 - PWE-W&S Syst Consolidating Constr Fd					2,676		2,676	2,676
Total Funds	706	2,166			14,665		16,831	17,537

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Wirt Road Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000287	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Wirt Road area. Wirt Road from I-10 to Hempstead Hwy. CDP outfall W0404 and adjacent areas. Buffalo Bayou watershed.	City Council District			
	Location	A	Key Map	
	Served:	A	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	842						842	
Construction	8,144			5,898		5,898	14,042	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	8,985			5,898		5,898	14,883	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	8,985			4,676		4,676	13,661	
8500 - PWE-W&S Syst Consolidating Constr Fd				1,222		1,222	1,222	
Total Funds	8,985			5,898		5,898	14,883	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Easthaven Blvd(Bryant to Ledge) Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000288	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will be located along Easthaven Blvd and certain side streets to serve the Easthaven and Hales area. CDP outfall C1054 and adjacent areas. Sims Bayou watershed.	City Council District			
	Location	I	Key Map	
	Served:	I	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		500					500	500
Design	474							474
Construction			5,211				5,211	5,211
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	474	500	5,211				5,711	6,185
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	474	500	4,375				4,875	5,349
8500 - PWE-W&S Syst Consolidating Constr Fd			836				836	836
Total Funds	474	500	5,211				5,711	6,185

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Minnetex Place and Almeda Genoa Place Dr FACILITY UNASSIGNED - , TX 77002	Project No.		M-000289	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will be located along Cullen Blvd and certain side streets to serve the Minnetex Place and Almeda Genoa. CDP outfall C1147 and adjacent areas. Sims Bayou and	City Council District			
	Location	D	Key Map	
	Served:	D	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		839					839	839
Design	923	705					705	1,628
Construction					8,368		8,368	8,368
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	923	1,544			8,368		9,912	10,835
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	923	1,544			8,368		9,912	10,835
Total Funds	923	1,544			8,368		9,912	10,835

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Montrose Area and Midtown Drainage FACILITY UNASSIGNED - , TX 77002	Project No.		M-000290	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve an area bound by Buffalo Bayou on the north, US-59 on the south, Caroline on the east, and Montrose on the west. CDP outfall W0686 and adjacent areas. Buffalo Bayou watershed	City Council District			
	Location	C,D,I	Key Map	
	Served:	C,D,I	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2011		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	1,419						1,419	
Construction			3,800	13,536		5,848	23,184	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	1,419		3,800	13,536		5,848	23,184	24,603
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	260							260
4042 - Street & Trfc Control & Strm Drain DDSRF	1,159		3,800	13,536		5,848	23,184	24,343
Total Funds	1,419		3,800	13,536		5,848	23,184	24,603

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Sagemont Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000291	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Freeway Manor and Sagemont areas. CDP Outfalls C0250, A0061 and A0130 and adjacent areas. Sims Bayou and Clear Creek watersheds	City Council District			
	Location	D,E	Key Map	
	Served:	D,E	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		100					100	
Design	835						835	
Construction				4,193			4,193	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	835	100		4,193			4,293	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	835	100		4,193			4,293	
Total Funds	835	100		4,193			4,293	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Binglewood, Inwood Forest, & Oak Forest FACILITY UNASSIGNED - , TX 77002		Project No.		M-000293	
Project Description					
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Binglewood, Inwood Forest, and Oak Forest area. CDP outfall E0758, E0119, and E0918 and adjacent areas. White Oak watershed.		City Council District			
		Location	A	Key Map	
		Served:	A	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.		Units	0		
		Start Year	2012		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	621						621	
Construction				3,375			3,375	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	621			3,375			3,375	3,996
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	621			3,375			3,375	3,996
Total Funds	621			3,375			3,375	3,996

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Cullen Blvd. Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000294	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Cullen Blvd Area (Loop 610 to OST). CDP Outfall D0888. Sims Bayou watershed.	City Council District			
	Location	D	Key Map	
	Served:	D	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	862						862	
Construction				7,667		7,667	7,667	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	862			7,667		7,667	8,529	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	862			7,667		7,667	8,529	
Total Funds	862			7,667		7,667	8,529	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Scott Street Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000295	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Scott Street Area (Loop 610 to OST). CDP Outfall D0068. Brays Bayou watershed.	City Council District			
	Location	D	Key Map	
	Served:	D	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design			900				900	
Construction					5,660		5,660	
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation			900		5,660		6,560	
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF			900		5,660		6,560	
Total Funds			900		5,660		6,560	

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Mitigation Program for Captial Imp Prgms FACILITY UNASSIGNED - , TX 77002	Project No.		M-000296	
Project Description				
This project provides for the right-of-way acquisition, design and construction of detention basins. This includes analyzing the feasibility of providing detention for mitigation of impacts due to City of Houston projects, existing infrastructure limited areas, and potential development. Preliminary engineering for Halls, Little White Oak, Hunting, Sims and White Oak Bayous.	City Council District			
	Location	V	Key Map	
	Served:	V	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
The City constructs many projects that require determination and mitigation of impacts. Designing and contracting on a regional or subregional basis for multiple projects would reduce up-front and long term maintenance costs at multiple sites.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		2,530					2,530	2,530
Design	2,458		1,150				1,150	3,608
Construction	336	4,502		5,152			9,654	9,990
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	2,794	7,032	1,150	5,152			13,334	16,128
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	2,794	7,032	1,150	5,152			13,334	16,128
Total Funds	2,794	7,032	1,150	5,152			13,334	16,128

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Stormwater Quality Demonstration Project FACILITY UNASSIGNED - , TX 77002	Project No.		M-000297	
Project Description				
Implementation of stormwater quality demonstration projects through partnerships with the Texas Commission on Environmental Quality (TCEQ), Environmental Protection Agency and other non-profit organizations. Two grants awarded with 40% local share.	City Council District			
	Location	V	Key Map	
	Served:	V	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Implementation of pilot projects using leveraged partnerships to develop local data for future efforts under the Municipal Separate Storm Sewer System (MS4) Permit and Total Maximum Daily Load (TMDL) limitations.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	244							244
Construction		1,610					1,610	1,610
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	244	1,610					1,610	1,854
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	244	1,610					1,610	1,854
Total Funds	244	1,610					1,610	1,854

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Mayfair Drainage & Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-000298	
Project Description				
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Construction will be under LDP N-000126.	City Council District			
	Location	I	Key Map	
	Served:	I	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
Project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land		300					300	300
Design			448				448	448
Construction								
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation		300	448				748	748
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF		300	448				748	748
Total Funds		300	448				748	748

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Developer Participation FACILITY UNASSIGNED - , TX 77002		Project No.		M-000800	
Project Description					
This project provides for the City's share of the cost of participation in joint property for storm water drainage system improvements sponsored by property owners and developers.		City Council District			
		Location	V	Key Map	
		Served:	V	Location Code	UA-00
		Category		Sub-Cat	
Project Justification					
This allows additional drainage systems to be constructed using sponsors' funds to match City funding.		Units	0		
		Start Year	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design								
Construction	5,560	1,000	1,000	1,000	1,000	1,000	5,000	10,560
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	5,560	1,000	1,000	1,000	1,000	1,000	5,000	10,560
Source of Funds								
4030 - Drainage Improvement CP Series H/K-DDRSF	2,176							2,176
4042 - Street & Trfc Control & Strm Drain DDSRF	3,383	1,000	1,000	1,000	1,000	1,000	5,000	8,383
Total Funds	5,560	1,000	1,000	1,000	1,000	1,000	5,000	10,560

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Wycliffe Drive Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-001010	
Project Description				
Project provides for the design and construction of storm drainage improvements in the area, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve the Western Village and Sherwood Estates Area. CDP Outfall W1005 and adjacent areas. Buffalo Bayou watershed.	City Council District			
	Location	A	Key Map	
	Served:	A	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
This project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design			1,000				1,000	1,000
Construction					8,244		8,244	8,244
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation			1,000		8,244		9,244	9,244
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF			1,000		8,244		9,244	9,244
Total Funds			1,000		8,244		9,244	9,244

2013-2017 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - STORM DRAINAGE SYSTEM

Project: Willow Waterhole Drainage and Paving FACILITY UNASSIGNED - , TX 77002	Project No.		M-001013	
Project Description				
Project provides for the design and construction of storm drainage improvements in the area, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. Project will serve Westbury, Meyerland, Willow Meadows, and Willow Bend areas. CDP Outfalls D0172, D0388, D0241, D0155, D0189, D0180, D5021, and adjacent drainage areas. Brays Bayou watershed.	City Council District			
	Location	C,K	Key Map	
	Served:	C,K	Location Code	UA-00
	Category		Sub-Cat	
Project Justification				
This project will construct storm drainage improvements to address and reduce the risk of structural flooding. Improvements include modification of street conveyance and sheet flow, and provide detention as needed for mitigation.	Units	0		
	Start Year	2012		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2013-2017	Project Total
		2013	2014	2015	2016	2017		
Planning								
Acquisition-Land								
Design	666							666
Construction			3,805				3,805	3,805
Equipment Acquisition								
Project Closeout								
Other								
Total Allocation	666		3,805				3,805	4,471
Source of Funds								
4042 - Street & Trfc Control & Strm Drain DDSRF	666		3,805				3,805	4,471
Total Funds	666		3,805				3,805	4,471