

## STORM DRAINAGE SYSTEM 2016-2020 CAPITAL IMPROVEMENT PLAN

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**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Nottingham & Yorkshire Area DRAINAGE AND PAVING		Project No.		M-000247		
<b>Project Description</b>						
Project provides for acquisition, design and construction of storm drainage improvements, necessary paving, and underground utilities to serve the Nottingham and Yorkshire areas. CDP outfall W0208, W0209, W0211, W0212, W0224, W0917, and adjacent drainage areas. Buffalo Bayou watershed.		<b>City Council District</b>				
		Location	G	Address Descr 2:		
		Served:	G	Zip Codes:		
		Key Map:	489A,B,E,F	Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
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:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	676							676
Construction				16,913			16,913	16,913
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>676</b>			<b>16,913</b>			<b>16,913</b>	<b>17,589</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	676			13,942			13,942	14,618
8500 - PWE-W&S Syst Consolidated Constr Fd				2,971			2,971	2,971
<b>Total Funds</b>	<b>676</b>			<b>16,913</b>			<b>16,913</b>	<b>17,589</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Buffalo Bayou Detention Basin		Project No.		M-000261		
<b>Project Description</b>						
Project addresses watershed storm water quantity and quality requirements. It includes design and construction of a detention basin.		<b>City Council District</b>				
		Location	G	Address Descr 2:		
		Served:	G	Zip Codes:		
		Key Map:	489A,B,E,F	Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
Project is necessary for mitigation of impacts resulting from combined storm water drainage project improvements in the area.		Units:	0			
		Start Year:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	586						586	
Construction			3,697			3,697	3,697	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>586</b>		<b>3,697</b>			<b>3,697</b>	<b>4,283</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	586		3,697			3,697	4,283	
<b>Total Funds</b>	<b>586</b>		<b>3,697</b>			<b>3,697</b>	<b>4,283</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Rampart Street Drainage and Paving		Project No.		M-000265	
<b>Project Description</b>					
Project provides for the design and construction of storm drainage improvements. Subproject 1: S. of Bissonet to Flak Dr. and from Rampart to Pine St. Subproject 2: Rampart Street from S. of Bissonet to Clarewood and along Clarewood to Mullins St. and to High Star Dr. CPD outfall D0326.		<b>City Council District</b>			
		Location	C,J	Address Descr 2:	
		Served:	C,J	Zip Codes:	
		Key Map:	531 A-T	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	1,524						1,524	
Construction		17,578				17,578	17,578	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,524</b>	<b>17,578</b>				<b>17,578</b>	<b>19,102</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,199	17,578				17,578	18,777	
<b>Total Funds</b>	<b>1,524</b>	<b>17,578</b>				<b>17,578</b>	<b>19,102</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Southpark and Southcrest Drainage DRAINAGE AND PAVING		Project No.		M-000277	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	D	Address Descr 2:	
		Served:	D	Zip Codes:	
		Key Map:	533;534	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	1,099						1,099	
Construction	3,731	5,696				5,696	9,427	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>4,830</b>	<b>5,696</b>				<b>5,696</b>	<b>10,526</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	4,736	5,696				5,696	10,432	
<b>Total Funds</b>	<b>4,830</b>	<b>5,696</b>				<b>5,696</b>	<b>10,526</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Airline Dr. Drainage and Paving		Project No.		M-000284	
<b>Project Description</b>					
Airline Drive and Clark storm systems. 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.		<b>City Council District</b>			
		Location	H	Address Descr 2:	
		Served:	H	Zip Codes:	
		Key Map:	413, 453	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	2,334						2,334	
Construction	765	19,561				19,561	20,326	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>3,099</b>	<b>19,561</b>				<b>19,561</b>	<b>22,660</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	2,548	18,443				18,443	20,991	
8500 - PWE-W&S Syst Consolidated Constr Fd		1,118				1,118	1,118	
<b>Total Funds</b>	<b>3,099</b>	<b>19,561</b>				<b>19,561</b>	<b>22,660</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Garden Oaks and Shepherd Forest Area DRAINAGE AND PAVING		Project No.		M-000285	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	C	Address Descr 2:	
		Served:	C	Zip Codes:	
		Key Map:	452L,452M	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	1,103						1,103	
Construction		22,022				22,022	22,022	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,103</b>	<b>22,022</b>				<b>22,022</b>	<b>23,125</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,103	21,011				21,011	22,114	
8500 - PWE-W&S Syst Consolidated Constr Fd		1,011				1,011	1,011	
<b>Total Funds</b>	<b>1,103</b>	<b>22,022</b>				<b>22,022</b>	<b>23,125</b>	



**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Easthaven Blvd(Bryant to Ledge) Drainage		Project No.		M-000288	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	I	Zip Codes:	
		Key Map:	575H,575M	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	474						474	
Construction				4,663		4,663	4,663	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>474</b>			<b>4,663</b>		<b>4,663</b>	<b>5,137</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	474			4,663		4,663	5,137	
<b>Total Funds</b>	<b>474</b>			<b>4,663</b>		<b>4,663</b>	<b>5,137</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Binglewood, Inwood Forest, & Oak Forest DRAINAGE AND PAVING		Project No.		M-000293	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	A	Address Descr 2:	
		Served:	A	Zip Codes:	
		Key Map:	411	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	621						621	
Construction			12,475			12,475	12,475	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>621</b>		<b>12,475</b>			<b>12,475</b>	<b>13,096</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	621		10,864			10,864	11,485	
8500 - PWE-W&S Syst Consolidated Constr Fd			1,611			1,611	1,611	
<b>Total Funds</b>	<b>621</b>		<b>12,475</b>			<b>12,475</b>	<b>13,096</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Cullen Drainage and Paving LOOP 610 TO OLD SPANISH TRAIL		Project No.		M-000294	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	D	Address Descr 2:	
		Served:	D	Zip Codes:	
		Key Map:	533 M,O,R	Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	862						862	
Construction			12,512			12,512	12,512	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>862</b>		<b>12,512</b>			<b>12,512</b>	<b>13,374</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	862		10,464			10,464	11,326	
8500 - PWE-W&S Syst Consolidated Constr Fd			2,048			2,048	2,048	
<b>Total Funds</b>	<b>862</b>		<b>12,512</b>			<b>12,512</b>	<b>13,374</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Scott Street Drainage and Paving LOOP 610 TO OLD SPANISH TRAIL		Project No.		M-000295		
<b>Project Description</b>						
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.		<b>City Council District</b>				
		Location	D	Address Descr 2:		
		Served:	D	Zip Codes:		
		Key Map:	533	Category:		
<b>Project Justification</b>						
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:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	539						539	
Construction			15,224			15,224	15,224	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>539</b>		<b>15,224</b>			<b>15,224</b>	<b>15,763</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	539		13,843			13,843	14,382	
8500 - PWE-W&S Syst Consolidated Constr Fd			1,381			1,381	1,381	
<b>Total Funds</b>	<b>539</b>		<b>15,224</b>			<b>15,224</b>	<b>15,763</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Wycliffe Drive (Chatterton to Melronome)		Project No.		M-001010		
<b>Project Description</b>						
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.		<b>City Council District</b>				
		Location	A	Address Descr 2:		
		Served:	A	Zip Codes:		
		Key Map:	449	Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
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:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	753						753	
Construction			2,864			2,864	2,864	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>753</b>		<b>2,864</b>			<b>2,864</b>	<b>3,617</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	753		2,091			2,091	2,844	
8500 - PWE-W&S Syst Consolidated Constr Fd			773			773	773	
<b>Total Funds</b>	<b>753</b>		<b>2,864</b>			<b>2,864</b>	<b>3,617</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Woodshire Area Drainage and Paving		Project No.		M-410001	
<b>Project Description</b>					
Design and Construction of storm drainage improvements / replacements, necessary concrete paving for all streets, curbs, sidewalks, driveways, necessary underground utilities to serve the D0149, D0151, D0152, D0153, D0154, D0159 CDP outfalls, adjacent drainage areas Brays Bayou Watershed.		<b>City Council District</b>			
		Location	K	Address Descr 2:	
		Served:	K	Zip Codes:	
		Key Map:	532N	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	1,662						1,662	
Construction			17,599			17,599	17,599	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,662</b>		<b>17,599</b>			<b>17,599</b>	<b>19,261</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,662		13,237			13,237	14,899	
8500 - PWE-W&S Syst Consolidated Constr Fd			4,362			4,362	4,362	
<b>Total Funds</b>	<b>1,662</b>		<b>17,599</b>			<b>17,599</b>	<b>19,261</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Potomac & Nantucket Area Drng and Paving		Project No.		M-410002	
<b>Project Description</b>					
Westheimer and San Felipe: Design and Construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, underground utilities to serve Potomac and Nantucket area and adjacent drainage areas, in Bering Ditch subwatershed of Buffalo Bayou Watershed.		<b>City Council District</b>			
		Location	G, J	Address Descr 2:	
		Served:	G, J	Zip Codes:	
		Key Map:	491N	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	686						686	
Construction				11,633			11,633	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>686</b>			<b>11,633</b>			<b>11,633</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	686			9,396			9,396	10,082
8500 - PWE-W&S Syst Consolidated Constr Fd				2,237			2,237	2,237
<b>Total Funds</b>	<b>686</b>			<b>11,633</b>			<b>11,633</b>	<b>12,319</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Roosevelt, Edel Plaza, Little York Acres DRAINAGE AND PAVING		Project No.		M-410003	
<b>Project Description</b>					
Replaces existing roadside ditches and asphalt streets with concrete curb-and-gutter streets in critical areas. The project improves sheet flow and reduces risk of structural flooding. Project will replace deficient water and sanitary sewer lines.		<b>City Council District</b>			
		Location	H	Address Descr 2:	
		Served:	H	Zip Codes:	
		Key Map:	413T,413U	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	601						601	
Construction				2,948		2,948	2,948	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>601</b>			<b>2,948</b>		<b>2,948</b>	<b>3,549</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	601			2,724		2,724	3,325	
8500 - PWE-W&S Syst Consolidated Constr Fd				224		224	224	
<b>Total Funds</b>	<b>601</b>			<b>2,948</b>		<b>2,948</b>	<b>3,549</b>	



**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Little York, Courlandt Mdws, York Mdws DRAINAGE AND PAVING		Project No.		M-410004	
<b>Project Description</b>					
Project installs new drainage systems to handle the 100-year flows in the critical area. Project will install curb-and-gutter streets. Project will replace deficient water and sanitary sewer lines.		<b>City Council District</b>			
		Location	H	Address Descr 2:	
		Served:	H	Zip Codes:	
		Key Map:	412V,413S	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	276	338				338	614	
Construction				5,559		5,559	5,559	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>276</b>	<b>338</b>		<b>5,559</b>		<b>5,897</b>	<b>6,173</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	276	338		4,666		5,004	5,280	
8500 - PWE-W&S Syst Consolidated Constr Fd				893		893	893	
<b>Total Funds</b>	<b>276</b>	<b>338</b>		<b>5,559</b>		<b>5,897</b>	<b>6,173</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Spring Shadows (North) DRAINAGE AND PAVING	Project No.	M-410005		
<b>Project Description</b>				
Provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities to serve Spring Shadows Sub, and adjacent drainage areas within Buffalo Bayou and White Oak Bayou Watersheds.	<b>City Council District</b>			
	Location	A	Address Descr 2:	
	Served:	A	Zip Codes:	
	Key Map:	450N,450P	Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.	Units:	0		
	Start Year:	2015		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	760	468				468	1,228	
Construction				8,835		8,835	8,835	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>760</b>	<b>468</b>		<b>8,835</b>		<b>9,303</b>	<b>10,063</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	760	468		8,835		9,303	10,063	
<b>Total Funds</b>	<b>760</b>	<b>468</b>		<b>8,835</b>		<b>9,303</b>	<b>10,063</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Arlington Heights Area DRAINAGE AND PAVING		Project No.		M-410006	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary conc paving, curbs, sidewalks, driveways, and utilities to serve the Arlington Heights Subdivision, CDP outfall C0268, C0272, C0275, C0308, C0309, C0814. Project includes two (2) sub-projects.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:	576C,576G	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	2,018		1,040				3,058	
Construction				15,226		10,940	26,166	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>2,018</b>		<b>1,040</b>	<b>15,226</b>		<b>10,940</b>	<b>29,224</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	2,018		1,040	10,459		9,527	23,044	
8500 - PWE-W&S Syst Consolidated Constr Fd				4,767		1,413	6,180	
<b>Total Funds</b>	<b>2,018</b>		<b>1,040</b>	<b>15,226</b>		<b>10,940</b>	<b>29,224</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Gulf Terrace Sec 1, Acre Homes Area DRAINAGE AND PAVING		Project No.		M-410007	
<b>Project Description</b>					
Provides ROW acquisition, design and construction of storm drainage improvements, necessary conc paving, curbs, sidewalks, driveways, and utilities to serve Gulfway Terrace Sec 1 and Acre Homes Sub, CDP outfall C0280 and C0288 and adjacent drainage areas. Sims Bayou Watershed. Includes two (2) sub-projects.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:	576F,576K	Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land			215				215	
Design	515	687					1,202	
Construction					8,818		8,818	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>515</b>	<b>687</b>	<b>215</b>		<b>8,818</b>		<b>9,720</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	515	687	215		8,818		9,720	
<b>Total Funds</b>	<b>515</b>	<b>687</b>	<b>215</b>		<b>8,818</b>		<b>9,720</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Freeway Manor: South of Edgebrook Dr. DRAINAGE AND PAVING		Project No.		M-410008	
<b>Project Description</b>					
Provides ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities to serve the Freeway Manor Sub, CDP outfall C0281 and adjacent drainage areas, Sims Bayou Watershed.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:	576F	Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land			114				114	
Design	416	692					1,108	
Construction					6,152		6,152	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>416</b>	<b>692</b>	<b>114</b>		<b>6,152</b>		<b>7,374</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	416	692	114		6,152		7,374	
<b>Total Funds</b>	<b>416</b>	<b>692</b>	<b>114</b>		<b>6,152</b>		<b>7,374</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Briar Meadow Subdivision Area DRAINAGE AND PAVING		Project No.		M-410009	
<b>Project Description</b>					
Provides ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and utilities to serve the Briar Meadow Subdivision, and adjacent drainage areas within the Buffalo Bayou Watershed. This project includes three (3) sub-projects.		<b>City Council District</b>			
		Location	F, J	Address Descr 2:	
		Served:		Zip Codes:	
		Key Map:	490V,490Z,	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	1,007	563				563	1,570	
Construction					12,434	12,434	12,434	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,007</b>	<b>563</b>			<b>12,434</b>	<b>12,997</b>	<b>14,004</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,007	563			7,846	8,409	9,416	
8500 - PWE-W&S Syst Consolidated Constr Fd					4,588	4,588	4,588	
<b>Total Funds</b>	<b>1,007</b>	<b>563</b>			<b>12,434</b>	<b>12,997</b>	<b>14,004</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Freeway Manor: North of Edgebrook DRAINAGE AND PAVING		Project No.		M-410010	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities to serve the Freeway Manor Subdivision.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	E	Zip Codes:	
		Key Map:	576F	Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land			114				114	114
Design	514	922					922	1,436
Construction					8,048		8,048	8,048
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>514</b>	<b>922</b>	<b>114</b>		<b>8,048</b>		<b>9,084</b>	<b>9,598</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	514	922	114		8,048		9,084	9,598
<b>Total Funds</b>	<b>514</b>	<b>922</b>	<b>114</b>		<b>8,048</b>		<b>9,084</b>	<b>9,598</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Melrose Park Sec 2 Area DRAINAGE AND PAVING		Project No.		M-410013	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities.		<b>City Council District</b>			
		Location	H	Address Descr 2:	
		Served:	H	Zip Codes:	
		Key Map:	413P,Q,T,U	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		337				337	337	
Construction					3,461	3,461	3,461	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>337</b>			<b>3,461</b>	<b>3,798</b>	<b>3,798</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		337			3,461	3,798	3,798	
<b>Total Funds</b>		<b>337</b>			<b>3,461</b>	<b>3,798</b>	<b>3,798</b>	



**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Wynnewood Acres Area DRAINAGE AND PAVING		Project No.		M-410014	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	I	Zip Codes:	
		Key Map:	456S,456T	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		886				886	886	
Construction					5,064	5,064	5,064	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>886</b>			<b>5,064</b>	<b>5,950</b>	<b>5,950</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		886			3,890	4,776	4,776	
8500 - PWE-W&S Syst Consolidated Constr Fd					1,174	1,174	1,174	
<b>Total Funds</b>		<b>886</b>			<b>5,064</b>	<b>5,950</b>	<b>5,950</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Magnolia Park Sec 2 Area DRAINAGE AND PAVING		Project No.		M-410015	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities. This project includes three (3) sub- projects.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:		Zip Codes:	
		Key Map:	495S,495W,	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		1,848				1,848	1,848	
Construction					13,844	13,844	13,844	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,848</b>			<b>13,844</b>	<b>15,692</b>	<b>15,692</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		1,848			13,482	15,330	15,330	
8500 - PWE-W&S Syst Consolidated Constr Fd					362	362	362	
<b>Total Funds</b>		<b>1,848</b>			<b>13,844</b>	<b>15,692</b>	<b>15,692</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Westridge and Braes Terrace Area DRAINAGE AND PAVING		Project No.		M-410016	
<b>Project Description</b>					
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities. This project includes two (2) sub-projects.		<b>City Council District</b>			
		Location	K	Address Descr 2:	
		Served:	K	Zip Codes:	
		Key Map:	532KNPQT	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		1,681				1,681	1,681	
Construction						9,387	9,387	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,681</b>				<b>9,387</b>	<b>11,068</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		1,681				6,981	8,662	
8500 - PWE-W&S Syst Consolidated Constr Fd						2,406	2,406	
<b>Total Funds</b>		<b>1,681</b>				<b>9,387</b>	<b>11,068</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Garden Oaks and Shepherd Park (West) DRAINAGE AND PAVING		Project No.		M-410017	
<b>Project Description</b>					
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	B	Zip Codes:	
		Key Map:	452	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design							0	
Construction						16,926	16,926	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>16,926</b>	<b>16,926</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF						16,226	16,226	
8500 - PWE-W&S Syst Consolidated Constr Fd						700	700	
<b>Total Funds</b>						<b>16,926</b>	<b>16,926</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Pinewood Village Area 2 DRAINAGE AND PAVING		Project No.		M-410021	
<b>Project Description</b>					
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	B	Zip Codes:	
		Key Map:	414S,T,X,W	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		1,357					1,357	1,357
Construction						7,717	7,717	7,717
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,357</b>				<b>7,717</b>	<b>9,074</b>	<b>9,074</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		1,357				7,717	9,074	9,074
<b>Total Funds</b>		<b>1,357</b>				<b>7,717</b>	<b>9,074</b>	<b>9,074</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Garden Oaks and Shepherd Park (East) DRAINAGE AND PAVING		Project No.		M-410022	
<b>Project Description</b>					
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities.		<b>City Council District</b>			
		Location	C	Address Descr 2:	
		Served:	C	Zip Codes:	
		Key Map:	452G,L,M,Q	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design								0
Construction						17,058	17,058	17,058
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>17,058</b>	<b>17,058</b>	<b>17,058</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF						17,058	17,058	17,058
<b>Total Funds</b>						<b>17,058</b>	<b>17,058</b>	<b>17,058</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Richmond Plaza Area 2 DRAINAGE AND PAVING		Project No.		M-410023	
<b>Project Description</b>					
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities.		<b>City Council District</b>			
		Location	J	Address Descr 2:	
		Served:	J	Zip Codes:	
		Key Map:	531K	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design			1,440			1,440	1,440	
Construction					8,834	8,834	8,834	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>1,440</b>		<b>8,834</b>	<b>10,274</b>	<b>10,274</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF			1,440		8,834	10,274	10,274	
<b>Total Funds</b>			<b>1,440</b>		<b>8,834</b>	<b>10,274</b>	<b>10,274</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Southland Area DRAINAGE AND PAVING	Project No.	M-410024	
<b>Project Description</b>			
Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities. This project includes three (3) sub-projects.	<b>City Council District</b>		
	Location	D	Address Descr 2:
	Served:	D	Zip Codes:
	Key Map:	533K,L,P,Q	Category:
	Location Code:	UA-00	Sub-Category:
<b>Project Justification</b>			
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design			2,740				2,740	2,740
Construction						18,027	18,027	18,027
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>2,740</b>			<b>18,027</b>	<b>20,767</b>	<b>20,767</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF			2,740			16,377	19,117	19,117
8500 - PWE-W&S Syst Consolidated Constr Fd						1,650	1,650	1,650
<b>Total Funds</b>			<b>2,740</b>			<b>18,027</b>	<b>20,767</b>	<b>20,767</b>



**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Westbury Area DRAINAGE AND PAVING	Project No.		M-410028	
<b>Project Description</b>				
Project provides for the ROW acquisition, design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways, and underground utilities. This project includes nine (9) sub-projects.	<b>City Council District</b>			
	Location	K	Address Descr 2:	
	Served:	K	Zip Codes:	
	Key Map:	530Y,531W,	Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
The project addresses a need identified and prioritized through the ReBuild Houston Process utilizing a worst first methodology, objective data and benefit/cost analysis. The project will be designed and constructed to improve drainage of streets and reduce the risk of structural flooding.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design			1,418				1,418	1,418
Construction						5,369	5,369	5,369
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>1,418</b>			<b>5,369</b>	<b>6,787</b>	<b>6,787</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF			1,418			4,068	5,486	5,486
8500 - PWE-W&S Syst Consolidated Constr Fd						1,301	1,301	1,301
<b>Total Funds</b>			<b>1,418</b>			<b>5,369</b>	<b>6,787</b>	<b>6,787</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Gillette Trunk-line Improvements		Project No.		M-410290	
<b>Project Description</b>					
Genesse, Tuam, Louisiana and Crosby Project provides for the design and construction of storm drainage improvements, necessary concrete paving, curbs, sidewalks, driveways and underground utilities. This project includes two (2) sub-projects.		<b>City Council District</b>			
		Location	C	Address Descr 2:	
		Served:	C	Zip Codes:	
		Key Map:	493S,T,W	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	777						777	
Construction	11,902			13,394			25,296	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>12,680</b>			<b>13,394</b>			<b>26,074</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	12,680			12,402			25,082	
8500 - PWE-W&S Syst Consolidated Constr Fd				992			992	
<b>Total Funds</b>	<b>12,680</b>			<b>13,394</b>			<b>26,074</b>	

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Local Drainage Program (LDP)		Project No.		M-420126		
<b>Project Description</b>						
This program provides professional engineering services and construction to address necessary local storm water drainage system improvements citywide.		<b>City Council District</b>				
		Location	V	Address Descr 2:		
		Served:	V	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
This program is required to investigate and resolve existing localized storm water drainage problems.		Units:	0			
		Start Year:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		1,275	1,300	1,325	1,350	1,375	6,625	6,625
Construction	9,416	3,825	3,900	3,975	4,050	4,125	19,875	29,291
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>9,416</b>	<b>5,100</b>	<b>5,200</b>	<b>5,300</b>	<b>5,400</b>	<b>5,500</b>	<b>26,500</b>	<b>35,916</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	9,416	5,100	5,200	5,300	5,400	5,500	26,500	35,916
<b>Total Funds</b>	<b>9,416</b>	<b>5,100</b>	<b>5,200</b>	<b>5,300</b>	<b>5,400</b>	<b>5,500</b>	<b>26,500</b>	<b>35,916</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Rehab of City Owned Drainage Channels		Project No.		M-430004		
<b>Project Description</b>						
This program provides professional engineering services and construction to address necessary drainage system improvements for city owned drainage channels citywide.		<b>City Council District</b>				
		Location	V	Address Descr 2:		
		Served:	V	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
This program is required to investigate and resolve existing storm water drainage problems in City Owned Drainage Channels.		Units:	0			
		Start Year:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	600	306	312	318	324	330	1,590	2,190
Construction		1,224	1,248	1,272	1,296	1,320	6,360	6,360
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>600</b>	<b>1,530</b>	<b>1,560</b>	<b>1,590</b>	<b>1,620</b>	<b>1,650</b>	<b>7,950</b>	<b>8,550</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	600	1,530	1,560	1,590	1,620	1,650	7,950	8,550
<b>Total Funds</b>	<b>600</b>	<b>1,530</b>	<b>1,560</b>	<b>1,590</b>	<b>1,620</b>	<b>1,650</b>	<b>7,950</b>	<b>8,550</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Roadside Drainage Improvements		Project No.		M-430005		
<b>Project Description</b>						
This program provides professional engineering services and construction to address necessary drainage system improvements for roadside ditches citywide.		<b>City Council District</b>				
		Location	V	Address Descr 2:		
		Served:	V	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
This program is required to investigate and resolve existing storm water drainage problems in roadside ditches.		Units:	0			
		Start Year:				
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design		50	52	53	54	55	264	264
Construction		450	468	477	486	495	2,376	2,376
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>500</b>	<b>520</b>	<b>530</b>	<b>540</b>	<b>550</b>	<b>2,640</b>	<b>2,640</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		500	520	530	540	550	2,640	2,640
<b>Total Funds</b>		<b>500</b>	<b>520</b>	<b>530</b>	<b>540</b>	<b>550</b>	<b>2,640</b>	<b>2,640</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Pre-Engineering for Storm Water Drainage		Project No.		M-430100	
<b>Project Description</b>					
Program supports development of Candidate Projects for programming in future years Capital Improvement Plans. Feasibility Assessments are performed annually on need areas to define projects including detailed project scopes.		<b>City Council District</b>			
		Location	V	Address Descr 2:	
		Served:	V	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Program supports development of Candidate Projects for future CIPs. Assessments are performed, annually on Need Areas to define projects including scopes, cost estimates and implementation schedules. Need Areas to be Pre-Engineered are consistent with published "5+5 Plan" and the CIP Process Manual.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations	2016-2020					2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	750	2,250	2,500	2,750	3,000	3,250	13,750	14,500
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>750</b>	<b>2,250</b>	<b>2,500</b>	<b>2,750</b>	<b>3,000</b>	<b>3,250</b>	<b>13,750</b>	<b>14,500</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	750	2,250	2,500	2,750	3,000	3,250	13,750	14,500
<b>Total Funds</b>	<b>750</b>	<b>2,250</b>	<b>2,500</b>	<b>2,750</b>	<b>3,000</b>	<b>3,250</b>	<b>13,750</b>	<b>14,500</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Storm Drainage Program Support		Project No.		M-430220	
<b>Project Description</b>					
Provides project management, planning and technical support, engineering, and construction management to support planning, development, and implementation of the CIP.		<b>City Council District</b>			
		Location	V	Address Descr 2:	
		Served:	V	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	4,450	<b>2,550</b>	1,560	1,590	1,620	1,650	8,970	13,420
Construction	105							105
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>4,555</b>	<b>2,550</b>	<b>1,560</b>	<b>1,590</b>	<b>1,620</b>	<b>1,650</b>	<b>8,970</b>	<b>13,525</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	4,555	<b>2,550</b>	1,560	1,590	1,620	1,650	8,970	13,525
<b>Total Funds</b>	<b>4,555</b>	<b>2,550</b>	<b>1,560</b>	<b>1,590</b>	<b>1,620</b>	<b>1,650</b>	<b>8,970</b>	<b>13,525</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Stormwater Pump Station & Flood Warning		Project No.		M-430241	
<b>Project Description</b>					
This program consists of engineering assessment, 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.		<b>City Council District</b>			
		Location	V	Address Descr 2:	
		Served:	V	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design	448	510				510	958	
Construction	2,557	1,530				1,530	4,087	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>3,005</b>	<b>2,040</b>				<b>2,040</b>	<b>5,045</b>	
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	3,005	2,040				2,040	5,045	
<b>Total Funds</b>	<b>3,005</b>	<b>2,040</b>				<b>2,040</b>	<b>5,045</b>	



**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Mitigation Program for CIP Projects		Project No.		M-430296		
<b>Project Description</b>						
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.		<b>City Council District</b>				
		Location	V	Address Descr 2:		
		Served:	V	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
<b>Project Justification</b>						
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:	2015			
		RCC Total	\$	RCA Total	\$	

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land		<b>3,307</b>	1,033	933			5,273	5,273
Design	750	<b>1,785</b>	1,300	1,325	1,350	1,375	7,135	7,885
Construction			436	855			1,291	1,291
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>750</b>	<b>5,092</b>	<b>2,769</b>	<b>3,113</b>	<b>1,350</b>	<b>1,375</b>	<b>13,699</b>	<b>14,449</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	750	<b>5,092</b>	2,769	3,113	1,350	1,375	13,699	14,449
<b>Total Funds</b>	<b>750</b>	<b>5,092</b>	<b>2,769</b>	<b>3,113</b>	<b>1,350</b>	<b>1,375</b>	<b>13,699</b>	<b>14,449</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Developer Participation		Project No.		M-430800	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	V	Address Descr 2:	
		Served:	V	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This allows additional drainage systems to be constructed using sponsors' funds to match City funding.		Units:	0		
		Start Year:	2015		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design								
Construction	1,277							1,277
Equipment Acquisition								
Salary Recovery								
Other		1,020	1,040	1,590	3,240	3,300	10,190	10,190
<b>Total Allocation</b>	<b>1,277</b>	<b>1,020</b>	<b>1,040</b>	<b>1,590</b>	<b>3,240</b>	<b>3,300</b>	<b>10,190</b>	<b>11,467</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF	1,277	1,020	1,040	1,590	3,240	3,300	10,190	11,467
<b>Total Funds</b>	<b>1,277</b>	<b>1,020</b>	<b>1,040</b>	<b>1,590</b>	<b>3,240</b>	<b>3,300</b>	<b>10,190</b>	<b>11,467</b>

**2016-2020 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - STORM DRAINAGE SYSTEM**

Project: Contingencies		Project No.		M-NA0000	
<b>Project Description</b>					
A negative contingency allows the City to over-program projects in order to pro-actively advance design and/or bidding of projects when another project may be delayed due to reasons beyond City control such as private utility relocations, real estate acquisitions, third party funding, etc.		<b>City Council District</b>			
		Location	W	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This small percentage of over-programming of projects helps to keep enough projects moving to utilize all available funding. Appropriations are made by City Council for each project during the fiscal year and will not exceed the dollars available.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2016-2020	Project Total
		2016	2017	2018	2019	2020		
Planning								
Acquisition-Land								
Design								
Construction		-9,009	-23,535	-18,929	16,667	-14,081	-48,887	-48,887
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>-9,009</b>	<b>-23,535</b>	<b>-18,929</b>	<b>16,667</b>	<b>-14,081</b>	<b>-48,887</b>	<b>-48,887</b>
<b>Source of Funds</b>								
4042 - Street & Trfc Control & Strm Drain DDSRF		-6,880	-13,360	-6,845	22,791	-6,611	-10,905	-10,905
8500 - PWE-W&S Syst Consolidated Constr Fd		-2,129	-10,175	-12,084	-6,124	-7,470	-37,982	-37,982
<b>Total Funds</b>		<b>-9,009</b>	<b>-23,535</b>	<b>-18,929</b>	<b>16,667</b>	<b>-14,081</b>	<b>-48,887</b>	<b>-48,887</b>