

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Local Drainage Improvement Projects		Council District					CIP No.:				
		Location: VAR	Served: VAR		M-000126						
		Geographic Ref.: VAR	Key Map: VAR		(ADOPTED)						
		Neighborhood:									
Description: Various projects throughout the City are too expensive for maintenance forces to handle yet too small to feasibly capitalize on an individual basis. Projects to be identified through complaints received and constructed where needs dictate.		Operational and Maintenance Costs: (\$ Thousands)									
Justification: Construct infrastructure and supplement existing systems to alleviate localized flooding.		2009		2010		2011		2012		2013	
		Personnel		Supplies		Svcs. & Chgs.		Capital Outlay		Property Mgmt.	
		Total		FTEs							
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition											
Design		300	300	300	300	300	300	1,800			
Construction		2,806	1,700	2,200	2,700	3,700	3,700	16,806			
Equipment											
Civic Art											
Other											
Total Allocations		3,106	2,000	2,500	3,000	4,000	4,000	18,606			
Source of Funds											
Ser-F Storm Sewer Const. Fund		3,106	2,000					5,106			
Storm Sewer Cons. Const. Fund				2,500	3,000	4,000	4,000	13,500			
Total Funds		3,106	2,000	2,500	3,000	4,000	4,000	18,606			

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Wycliffe Dr Relief Storm Sewer (Brittmoore)	Council District				CIP No.: M-000209 (ADOPTED)		
	Location: A	Served: A		Neighborhood:			
	Geographic Ref.: 4658-1515	Key Map: 449X,Y					
Description: This project is to provide storm sewer improvements in the vicinity bounded by IH-10, Wycliffe, and Sherwood Forest including CDP outfall W1003 and adjacent areas (Sherwood Oaks, Sherwood Estates, and Brittmoore Village). Justification: Provides adequate drainage for surrounding areas, encourages economic development, and alleviates maintenance associated with deep roadside ditch systems.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design		400					400
Construction				3,750			3,750
Equipment							
Civic Art							
Other							
Total Allocations		400		3,750			4,150
Source of Funds							
Prop. Ser-F Storm Sewer C.F.							
Ser-F Storm Sewer Const. Fund		400					400
Storm Sewer Cons. Const. Fund				3,750			3,750
Total Funds		400		3,750			4,150

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Stormwater Program Management, Planning & Technical Services		Council District					CIP No.:	
		Location: ALL	Served: ALL				M-000220	
		Geographic Ref.: VAR	Key Map: VAR		Neighborhood: VAR		(ADOPTED)	
Description: Project provides planning, project management, floodplain administration support, technical designs and analyses, and construction management to support implementation of storm drainage projects throughout the city.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Support services are needed support delivery of improvements to the City's storm drainage infrastructure to reduce structural flooding citywide.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total	
			2009	2010	2011	2012	2013	
Acquisition								
Design		1,750	1,600	1,300	1,100	1,100	1,100	
Construction								
Equipment								
Civic Art								
Other								
Total Allocations		1,750	1,600	1,300	1,100	1,100	1,100	
Source of Funds								
Ser-F Storm Sewer Const. Fund		1,750	1,600				3,350	
Storm Sewer Cons. Const. Fund				1,300	1,100	1,100	1,100	
Total Funds		1,750	1,600	1,300	1,100	1,100	1,100	

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Kirby Relief Storm Sewer	Council District					CIP No.: M-000230 (ADOPTED)	
	Location:	G	Served:	G			
	Geographic Ref.:	5257-1406	Key Map:	492Q,P, T	Neighborhood:		
Description: A storm sewer system to serve an area bounded by River Oaks Blvd., Westheimer Chilton/Dickey Place and Shadder Way including CDP outfall W0677 and adjacent areas. Project will be constructed in two phases. Phase I (completed) is the trunk outfall, Buffalo Bayou to San Felipe along Kirby Drive. Phase II is neighborhood reconstruction. Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient capacity.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design							
Construction			9,500				9,500
Equipment							
Civic Art							
Other							
Total Allocations			9,500				9,500
Source of Funds							
Storm Sewer Cons. Const. Fund			9,500				9,500

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - Storm Drainage**

Total Funds			9,500				9,500
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2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Stormwater Pump Station Improvements at Various Underpasses	Council District					CIP No.: M-000241 (ADOPTED)	
	Location: VAR	Served: VAR					
	Geographic Ref.: VAR	Key Map: VAR			Neighborhood:		
Description: Rehabilitation of stormwater pump stations which service underpasses at various locations throughout the city. Justification: Project will provide for rehabilitation to improve functionality. Project also provides for flood warning systems to alert the traveling public to flooded underpasses.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design							
Construction	3,000	3,000					6,000
Equipment							
Civic Art							
Other							
Total Allocations	3,000	3,000					6,000
Source of Funds							
Ser-F Storm Sewer Const. Fund	3,000	3,000					6,000
Total Funds	3,000	3,000					6,000

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Kirkwood: Memorial to I-10	Council District				CIP No.:		
	Location: G	Served: G		M-000247 (ADOPTED)			
	Geographic Ref.: 4857-4858	Key Map: 489A,B, E,F		Neighborhood:			
Description: Phase I of project consists of constructing drainage improvements in Nottingham area including CDP outfalls W0209, W0224 and adjacent areas. Future phase II of project consists of drainage improvements to Yorkshire area. Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design		585					585
Construction					10,800	7,000	17,800
Equipment							
Civic Art							
Other							
Total Allocations		585			10,800	7,000	18,385
Source of Funds							
Ser-F Storm Sewer Const. Fund		585					585
Storm Sewer Cons. Const. Fund					10,800	7,000	17,800
Total Funds		585			10,800	7,000	18,385

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Memorial Area Storm Sewer Improvements		Council District					CIP No.:																																										
		Location: G	Served: G			M-000249																																											
		Geographic Ref.: 4958	Key Map: 489G,D, H		Neighborhood:																																												
Description: Project consists of constructing drainage improvements for Rustling Oaks and Fonn Villas Subdivisions including CDP outfalls W0243, W0247, W0250, W0264, W0265, W0385, W0386, W0387 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)																																															
Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the areas due to insufficient pipe capacity.		<table border="1"> <tr> <td></td> <td style="text-align: center;"><u>2009</u></td> <td style="text-align: center;"><u>2010</u></td> <td style="text-align: center;"><u>2011</u></td> <td style="text-align: center;"><u>2012</u></td> <td style="text-align: center;"><u>2013</u></td> </tr> <tr> <td>Personnel</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Supplies</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Svcs. & Chgs.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Capital Outlay</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Property Mgmt.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total FTEs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	Personnel						Supplies						Svcs. & Chgs.						Capital Outlay						Property Mgmt.						Total FTEs						
	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>																																												
Personnel																																																	
Supplies																																																	
Svcs. & Chgs.																																																	
Capital Outlay																																																	
Property Mgmt.																																																	
Total FTEs																																																	
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total																																									
			2009	2010	2011	2012	2013																																										
Acquisition																																																	
Design																																																	
Construction		12,274	6,200					18,474																																									
Equipment																																																	
Civic Art																																																	
Other																																																	
Total Allocations		12,274	6,200					18,474																																									
Source of Funds																																																	
Ser-F Storm Sewer Const. Fund		12,274	6,200					18,474																																									
Total Funds		12,274	6,200					18,474																																									

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Kirkwood Briar Forest Drainage Improvements		Council District				CIP No.:	
		Location: G	Served: G		M-000250		
		Geographic Ref.: 4856	Key Map: 489N		(ADOPTED)		
		Neighborhood: 18					
Description: Project consists of constructing drainage improvements for Kirkwood and Briar Forest Subdivisions.		Operational and Maintenance Costs: (\$ Thousands)					
Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the areas due to insufficient pipe capacity.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel					
		Supplies					
		Svcs. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
		Total					
		FTEs					
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design	450	600					1,050
Construction				3,000			3,000
Equipment							
Civic Art							
Other							
Total Allocations	450	600		3,000			4,050
Source of Funds							
Ser-F Storm Sewer Const. Fund	450	600					1,050
Storm Sewer Cons. Const. Fund				3,000			3,000
Total Funds	450	600		3,000			4,050

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Edloe Street Area Storm Sewer Relief		Council District					CIP No.:	
		Location: C	Served: C				M-000253	
		Geographic Ref.:		Key Map: 532K	Neighborhood: 32		(ADOPTED)	
Description: Project consists of constructing a relief drainage system with Edloe Street watershed boundary and includes Gramercy to North Braeswood. Storm sewer will be located along Sewanee Street including CDP outfalls D9052, D0116, D0117, D0118, D0124, D5061, D5039 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Project provides for a relief drainage system necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity. To be done in conjunction with N-0383.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		649	7,050					7,699
Equipment								
Civic Art								
Other								
Total Allocations		649	7,050					7,699
Source of Funds								
Ser-F Storm Sewer Const. Fund		649	7,050					7,699
Total Funds		649	7,050					7,699

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Braes Boulevard and Academy Street Storm Drainage Trunk Line	Council District					CIP No.: M-000255 (ADOPTED)	
	Location: C	Served: C					
	Geographic Ref.:	Key Map: 532E,J	Neighborhood:				
Description: This project consists of storm sewer improvements in the vicinity of Braes Boulevard and Academy Street including CDP outfalls D0134, D0139, D0140, D0141, D0141, D0142, D0143, D0144, D0145, D0146, D0851, D1353 and adjacent areas. Formerly M-1003. Phase I is Braes Blvd. storm sewer and Phase II is Academy Street storm sewer. Justification: Relief storm sewer to reduce localized flooding. To be done in conjunction with N-0383 Braeswood Place Subdivision street reconstruction.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
Property Mgmt.							
Total							
FTEs							
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design		510					510
Construction	5,052		8,200				13,252
Equipment							
Civic Art							
Other							
Total Allocations	5,052	510	8,200				13,762
Source of Funds							
Community Development Blk Grant			1,000				1,000
Ser-F Storm Sewer Const. Fund	5,052	510					5,562
Storm Sewer Cons. Const. Fund			7,200				7,200
Total Funds	5,052	510	8,200				13,762

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Texas Medical Center Drainage Improvements		Council District					CIP No.:	
		Location: C/D	Served: C/D		M-000260			
		Geographic Ref.:	Key Map: VAR		(ADOPTED)			
		Neighborhood:						
Description: This FEMA funded project includes: inlet and inlet leads, Hermann Drive I, Hermann Drive II, MacGregor Drive Outfall, and a detention pond. FY2006 funding is for detention pond. FY2007 funding is for inlets and inlet leads.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Projects are needed to alleviate localized flooding.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		8,823						8,823
Equipment								
Civic Art								
Other								
Total Allocations		8,823						8,823
Source of Funds								
Harris County Flood Control DIS		3,000						3,000
Ser-F Storm Sewer Const. Fund		5,823						5,823
Total Funds		8,823						8,823

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Buffalo Bayou Detention Basin		Council District					CIP No.:
		Location: G		Served: G		M-000261	
		Geographic Ref.:		Key Map: 489,491		(ADOPTED)	
				Neighborhood:			
Description: This project is to construct a detention pond for mitigation of storm sewer drainage projects in the Memorial area vicinity.		Operational and Maintenance Costs: (\$ Thousands)					
Justification: The detention is necessary for mitigation of the increased peak resulting from various storm drainage projects planned for the area.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel					
		Supplies					
		Svcs. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
		Total					
		FTEs					
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total
			2009	2010	2011	2012	2013
Acquisition							
Design			600				600
Construction				7,600			7,600
Equipment							
Civic Art							
Other							
Total Allocations			600	7,600			8,200
Source of Funds							
Ser-F Storm Sewer Const. Fund			600				600
Storm Sewer Cons. Const. Fund				7,600			7,600
Total Funds			600	7,600			8,200

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Whiteheather Storm Sewer Improvements (Fuqua, Buffalo Speedway to Hiram Clark)	Council District					CIP No.: M-000262 (ADOPTED)	
	Location: D	Served: D					
	Geographic Ref.:	Key Map: 572JN	Neighborhood:				
Description: Project will be done in four phases providing drainage improvements to Dumbarton Oaks and South Glen Neighborhoods including CDP outfalls C0076, C0078, C0079, C0526, C0528, C0540, C0545, C0550, C0551, C0556, C1220 and adjacent areas. Project includes four phases: Construction of Phase II in FY2009, Phase III in FY2010 and Phase IV in FY2011. Justification: Relief storm drainage system necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient conveyance capacity.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design	500						500
Construction	10,432	8,650	7,500	7,500			34,082
Equipment							
Civic Art							
Other							
Total Allocations	10,932	8,650	7,500	7,500			34,582
Source of Funds							
Ser-F Storm Sewer Const. Fund	5,682	5,300					10,982
Storm Sewer Cons. Const. Fund			7,500	7,500			15,000
TxDot Participation	5,250	3,350					8,600
Total Funds	10,932	8,650	7,500	7,500			34,582

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Sherwood Forest Storm Sewer System (I-10: Antoine to Silber)	Council District					CIP No.: M-000263 (ADOPTED)	
	Location: G	Served: G					
	Geographic Ref.:	Key Map:	491B,C, F,G	Neighborhood:			
Description: This project is to construct a storm sewer to serve an area bounded by Memorial, IH-10, Silber and Antoine including CDP outfalls W0434, W0507 and adjacent areas. Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design			400				400
Construction						9,000	9,000
Equipment							
Civic Art							
Other							
Total Allocations			400			9,000	9,400
Source of Funds							
Ser-F Storm Sewer Const. Fund							
Storm Sewer Cons. Const. Fund			400			9,000	9,400
Total Funds			400			9,000	9,400

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Renwick Street Drainage Improvements		Council District					CIP No.:	
		Location: C,F	Served: C,F		M-000265			
		Geographic Ref.:	Key Map: 531 A-T		(ADOPTED)			
		Neighborhood:						
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Westpark, Brays Bayou, Chimney Rock, and Hillcroft including CDP outfall D0326 and adjacent areas. Project includes a total of six phases.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project areas have multiple reports of structural flooding.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total	
			2009	2010	2011	2012	2013	
Acquisition								
Design				1,000	1,000		2,000	
Construction						10,000	10,000	
Equipment								
Civic Art								
Other								
Total Allocations				1,000	1,000	10,000	12,000	
Source of Funds								
Ser-F Storm Sewer Const. Fund								
Storm Sewer Cons. Const. Fund				1,000	1,000	10,000	12,000	
Total Funds				1,000	1,000	10,000	12,000	

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Kirkwyn, Sagemont Park Area Drainage Improvements		Council District					CIP No.: M-000266 (ADOPTED)	
		Location: E		Served:				
		Geographic Ref.:		Key Map: 576W,X		Neighborhood:		
Description: This project is to construct storm water drainage improvements in a drainage area generally bounded by Beltway 8 on the south, HCFCD Ditch Unit No. A120 on the west, Fuqua Street on the north and I-45 on the east including CDP outfall A0008 and adjacent areas. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u> <u>2010</u> <u>2011</u> <u>2012</u> <u>2013</u>						
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
Property Mgmt.								
Total								
FTEs								
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		2,047						2,047
Equipment								
Civic Art								
Other								
Total Allocations		2,047						2,047
Source of Funds								
Ser-F Storm Sewer Const. Fund		2,047						2,047
Total Funds		2,047						2,047

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Wayside from Laura Koppe to Crestview		Council District					CIP No.:	
		Location: B	Served: B		M-000269			
		Geographic Ref.:		Key Map: 455F,G	(ADOPTED)			
				Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve Clairmont Place in an area bounded approximately by Langley, Laura Koppe, Crestview, Denton and Tremont. Project area corresponds to CDP Outfall P1082 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		5,083						5,083
Equipment								
Civic Art								
Other								
Total Allocations		5,083						5,083
Source of Funds								
Ser-F Storm Sewer Const. Fund		5,083						5,083
Total Funds		5,083						5,083

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Braesheather, Doud, and Endicott Street Drainage Improvements		Council District				CIP No.:	
		Location: C	Served: C		M-000271		
		Geographic Ref.:		Key Map: 531U	Neighborhood:		
		Operational and Maintenance Costs: (\$ Thousands)					
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
Description: This project is to construct an improved storm sewer system to serve the Meyerland Area East bounded approximately by Brays Bayou, Belfort, 610 Loop, and Millbury including CDP Outfall D0192 and adjacent areas.		Personnel					
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Supplies					
		Svc. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
		Total					
		FTEs					
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total
			2009	2010	2011	2012	2013
Acquisition					600		600
Design							
Construction							
Equipment							
Civic Art							
Other							
Total Allocations					600		600
Source of Funds							
Storm Sewer Cons. Const. Fund					600		600
Total Funds					600		600

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Martin Luther King Boulevard from Orem to Airport		Council District					CIP No.: M-000272 (ADOPTED)
		Location: D,E	Served: D,E				
		Geographic Ref.:	Key Map: 574E,J	Neighborhood:			
Description: This project is to construct an improved storm sewer system to serve the Crestmont Park and South Acres areas bounded approximately by Airport, Park Village, 8th/Martin Luther King, and Jutland/Sandhurst/Sandrock. Project area corresponds to CDP Outfall C0052 and adjacent areas. Project has two phases. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)					
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel					
		Supplies					
		Svcs. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
Total FTEs							
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design	500						500
Construction			8,150				8,150
Equipment							
Civic Art							
Other							
Total Allocations	500		8,150				8,650
Source of Funds							
Ser-F Storm Sewer Const. Fund	500						500
Storm Sewer Cons. Const. Fund			8,150				8,150
Total Funds	500		8,150				8,650

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Broadway from Bellfort to Park Place		Council District					CIP No.:		
		Location: I	Served: I			M-000273			
		Geographic Ref.:	Key Map: 535P,T		Neighborhood:				
Description: This project is to construct improved storm sewer systems to serve Glenbrook Valley area in the Sims Bayou watershed including CDP Outfalls C0016 and C0020 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)							
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project areas have multiple reports of structural flooding.		2009		2010		2011		2012	2013
		Personnel		Supplies		Svcs. & Chgs.		Capital Outlay	
		Property Mgmt.		Total		FTEs			
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total	
			2009	2010	2011	2012	2013		
Acquisition									
Design			645					645	
Construction					3,000			3,000	
Equipment									
Civic Art									
Other									
Total Allocations			645		3,000			3,645	
Source of Funds									
Ser-F Storm Sewer Const. Fund			645					645	
Storm Sewer Cons. Const. Fund					3,000			3,000	
Total Funds			645		3,000			3,645	

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Astoria from Flushing Meadows to Binghampton		Council District					CIP No.: M-000276 (ADOPTED)	
		Location: E		Served: E				
		Geographic Ref.:		Key Map: 616DH- 617A		Neighborhood:		
Description: This project is to construct an improved storm sewer system to serve the Scarsdale area bounded approximately by Ellenville, Adirondack, Turkey Creek, and approx. 250 feet west of Binghampton including CDP Outfall A0034 and adjacent areas. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)						
				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design		460	380					840
Construction					3,900			3,900
Equipment								
Civic Art								
Other								
Total Allocations		460	380		3,900			4,740
Source of Funds								
Community Development Blk Grant					1,500			1,500
Ser-F Storm Sewer Const. Fund		460	380					840
Storm Sewer Cons. Const. Fund					2,400			2,400
Total Funds		460	380		3,900			4,740

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Crestridge Drainage Improvements from Mykawa to Doolittle		Council District					CIP No.: M-000277 (ADOPTED)				
		Location: D,E		Served: E							
		Geographic Ref.:		Key Map: 533RV;5 34		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve the Southpark/Southcrest area bounded approximately by 610 Loop, Doolittle, Mykawa, and Calais including CDP Outfall D0898 and adjacent areas. Project includes a total of three phases. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)									
		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
		Property Mgmt.									
Total FTEs											
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition											
Design					700			700			
Construction					1,450		3,400	4,850			
Equipment											
Civic Art											
Other											
Total Allocations					2,150		3,400	5,550			
Source of Funds											
Storm Sewer Cons. Const. Fund					2,150		3,400	5,550			
Total Funds					2,150		3,400	5,550			

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Upper Kirby		Council District					CIP No.: M-000278 (ADOPTED)				
		Location: C		Served: C							
		Geographic Ref.:		Key Map: 492TVX Z532		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve the Upper Kirby area bounded approximately by Westheimer, Wroxton, Hazard, and Claremont/Buffalo Speedway including CDP Outfall D0092 and adjacent areas. Project includes three phases. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)									
		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
		Property Mgmt.									
Total FTEs											
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition											
Design											
Construction			5,750					5,750			
Equipment											
Civic Art											
Other											
Total Allocations			5,750					5,750			
Source of Funds											
Ser-F Storm Sewer Const. Fund			5,750						5,750		
Total Funds			5,750						5,750		

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Braesheather Drainage Improvements		Council District				CIP No.:		
		Location: C	Served: C		M-000279			
		Geographic Ref.:		Key Map: 531U	(ADOPTED)			
				Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve the Meyerland Areas West bounded approximately by Brays Bayou, Bellfort, 300 ft. west of Doud, and 300 ft. west of Millbury including CDP Outfall D0212 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design							250	250
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							250	250
Source of Funds								
Storm Sewer Cons. Const. Fund							250	250
Total Funds							250	250

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Boone from Harwin to Oakcenter Drainage Improvements		Council District					CIP No.:	
		Location: F		Served: F		M-000280		
		Geographic Ref.:		Key Map: 529B,F		(ADOPTED)		
				Neighborhood:				
Description: This project is to construct improved storm sewer system to serve the Braes Village area in the Buffalo Bayou watershed including CDP Outfall D0687 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.			<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design			670					670
Construction					13,750			13,750
Equipment								
Civic Art								
Other								
Total Allocations			670		13,750			14,420
Source of Funds								
Ser-F Storm Sewer Const. Fund			670					670
Storm Sewer Cons. Const. Fund					13,750			13,750
Total Funds			670		13,750			14,420

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Meyerland, Westbury		Council District					CIP No.:	
		Location: C	Served: C			M-000281		
		Geographic Ref.:		Key Map: 530,531	Neighborhood:			
		Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>		<u>2010</u>		<u>2011</u>		
		<u>2012</u>		<u>2013</u>				
Description: This project is to construct improved storm sewer systems to serve the Marilyn Estates area in the Brays Bayou watershed including CDP Outfall D0320 and adjacent areas.		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design					500			500
Construction								
Equipment								
Civic Art								
Other								
Total Allocations					500			500
Source of Funds								
Storm Sewer Cons. Const. Fund					500			500
Total Funds					500			500

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Homestead Road Area Drainage Improvements		Council District					CIP No.:	
		Location: B	Served: B			M-000282		
		Geographic Ref.:	Key Map: 454, 455		Neighborhood:			
		Operational and Maintenance Costs: (\$ Thousands)						
			<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
Description: This project is to construct an improved storm sewer system to serve the Houston Gardens area bounded approximately by Ley, N. Loop E., 610, Kirkpatrick, and Homestead including CDP Outfall H0093 and adjacent areas.		Personnel						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design		250	840				1,090	
Construction					10,200		10,200	
Equipment								
Civic Art								
Other								
Total Allocations		250	840		10,200		11,290	
Source of Funds								
Ser-F Storm Sewer Const. Fund		250	840				1,090	
Storm Sewer Cons. Const. Fund					10,200		10,200	
Total Funds		250	840		10,200		11,290	

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Riptide Area Drainage Improvements		Council District				CIP No.:	
		Location: F	Served: F		M-000283		
		Geographic Ref.:		Key Map: 529, 530	Neighborhood:		
		Operational and Maintenance Costs: (\$ Thousands)					
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
Description: This project is to construct improved storm sewer system to serve the Catalina Square and Robindell areas in the Brays Bayou watershed including CDP Outfalls D0352, D0736 and adjacent areas.		Personnel					
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Supplies					
		Svcs. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
		Total					
		FTEs					
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total
			2009	2010	2011	2012	2013
Acquisition							
Design			410				410
Construction					4,000		4,000
Equipment							
Civic Art							
Other							
Total Allocations			410		4,000		4,410
Source of Funds							
Community Development Blk Grant					1,500		1,500
Ser-F Storm Sewer Const. Fund			410				410
Storm Sewer Cons. Const. Fund					2,500		2,500
Total Funds			410		4,000		4,410

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Airline Drive from Canino to Little York Drainage Improvements		Council District					CIP No.:	
		Location: H	Served: H		M-000284			
		Geographic Ref.:		Key Map: 413, 453	Neighborhood:			
		Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
Description: This project is to construct an improved storm sewer system to serve the Glen Oaks area bounded approximately by Canino, Tidwell, Bauman, and Nordling including CDP Outfall E0369 and adjacent areas. Project includes four phases.		Personnel						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Supplies						
		Svc. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design					600	1,100		1,700
Construction							5,100	5,100
Equipment								
Civic Art								
Other								
Total Allocations					600	1,100	5,100	6,800
Source of Funds								
Storm Sewer Cons. Const. Fund					600	1,100	5,100	6,800
Total Funds					600	1,100	5,100	6,800

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Ella Boulevard from IH-610 to Candlelight Drainage Improvements	Council District					CIP No.: M-000285 (ADOPTED)	
	Location: A,H	Served: A,H		Neighborhood:			
	Geographic Ref.:	Key Map:	452F,G, K,L				
Description: This project is to construct an improved storm sewer system to serve the Garden Oaks and Shepherd Forest areas bounded approximately by Candlelight, N. Loop 610, Shepherd, and Ella including CDP Outfall E0159 and adjacent areas. Project includes a total of six phases. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design				400	800	800	2,000
Construction							
Equipment							
Civic Art							
Other							
Total Allocations				400	800	800	2,000
Source of Funds							
Storm Sewer Cons. Const. Fund				400	800	800	2,000
Total Funds				400	800	800	2,000

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Pleasantville		Council District					CIP No.:	
		Location: B	Served: B		M-000286			
		Geographic Ref.:	Key Map: 495F,K, L,P		(ADOPTED)			
		Neighborhood:						
Description: This project is to construct an improved storm sewer system to serve the Pleasantville area bounded approximately by Market, Guinevere, E. Loop 610, and Demaree including CDP Outfall H0072 and adjacent areas. Project includes two phases.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design					750	750		1,500
Construction							5,150	5,150
Equipment								
Civic Art								
Other								
Total Allocations					750	750	5,150	6,650
Source of Funds								
Storm Sewer Cons. Const. Fund					750	750	5,150	6,650
Total Funds					750	750	5,150	6,650

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Wirt Road from Kempwood to I-10 Drainage Improvements		Council District				CIP No.: M-000287 (ADOPTED)					
		Location: A,H		Served: A,H							
		Geographic Ref.:		Key Map: 451M-X491B				Neighborhood:			
Description: This project is to construct an improved storm sewer system to serve the Ridgecrest, Hillendahl Acres, Monarch Oaks and Afton Village areas bounded approximately by 34th St., I-10, Jacquelyn and approx. 1,000 ft. E. of Danbury, Ridgemore, Lynnview, Pine Chase, Wirt including CDP Outfall W0404 and adjacent areas. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)									
		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
		Property Mgmt.									
Total FTEs											
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition											
Design				700				700			
Construction						3,300		3,300			
Equipment											
Civic Art											
Other											
Total Allocations				700		3,300		4,000			
Source of Funds											
Storm Sewer Cons. Const. Fund				700		3,300		4,000			
Total Funds				700		3,300		4,000			

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Edgebrook from Klondike to I-45 Drainage Improvements	Council District					CIP No.: M-000288 (ADOPTED)	
	Location: I	Served: I					
	Geographic Ref.:	Key Map:	575H- 567J	Neighborhood:			
Description: This project is to construct an improved storm sewer system in the Edgebrook and Easthaven areas currently drained via open ditches to serve an area bounded approximately by 250 ft. N. of Bryant, Ledge, Gulf Frwy, and approx. 500 ft. E. of Mosley and 500 ft. W. of Easthaven including CDP Outfall C1054 and adjacent areas. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design				800			800
Construction						3,700	3,700
Equipment							
Civic Art							
Other							
Total Allocations				800		3,700	4,500
Source of Funds							
Storm Sewer Cons. Const. Fund				800		3,700	4,500

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**CITY OF HOUSTON - Storm Drainage**

Total Funds				800		3,700	4,500
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2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Cullen from Schurmier to Orem Drainage Improvements		Council District					CIP No.:	
		Location: D	Served: D		M-000289			
		Geographic Ref.:		Key Map: 573, 574	Neighborhood:			
		Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
Description: This project is to construct a proposed storm sewer system in the Holloway Heights and Almeda-Genoa area currently drained via open ditches to serve an area bounded approximately by Park Village, Almeda Genoa, Schurmier, Hendricksen, and Segrest including CDP Outfall C1147 and adjacent areas. Project includes three phases.		Personnel						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design					300			300
Construction								
Equipment								
Civic Art								
Other								
Total Allocations					300			300
Source of Funds								
Storm Sewer Cons. Const. Fund					300			300
Total Funds					300			300

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Fourth Ward, Avondale		Council District					CIP No.:	
		Location: C,D,I	Served: C,D,I		M-000290			
		Geographic Ref.:	Key Map: 493K-X		(ADOPTED)			
		Neighborhood:						
Description: This project is to construct an improved storm sewer system to serve the Fourth Ward and Avondale area bounded approximately by Dallas St., U.S. Hwy 59, Caroline, Main, Smith and Montrose including CDP Outfall W0686 and adjacent areas. Project includes six phases.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design					1,100		1,100	2,200
Construction							5,000	5,000
Equipment								
Civic Art								
Other								
Total Allocations					1,100		6,100	7,200
Source of Funds								
Storm Sewer Cons. Const. Fund					1,100		6,100	7,200
Total Funds					1,100		6,100	7,200

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Sageorchard and Sagearbor Drainage Improvements		Council District					CIP No.: M-000291 (ADOPTED)	
		Location: E		Served:				
		Geographic Ref.:		Key Map: 576A,61 6B		Neighborhood:		
Description: This project is to construct improved storm sewer systems to serve the Freeway Manor and Sagemont area in the Sims Bayou and Clear Creek Bayou watersheds including CDP Outfalls C0250, A0061 and A0130 and adjacent areas.. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Operational and Maintenance Costs: (\$ Thousands)						
				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel Supplies Svcs. & Chgs. Capital Outlay Property Mgmt. Total FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design						300		300
Construction								
Equipment								
Civic Art								
Other								
Total Allocations						300		300
Source of Funds								
Storm Sewer Cons. Const. Fund						300		300
Total Funds						300		300

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Trinity-Houston Gardens (Ernie: Lockwood to Homestead)	Council District					CIP No.: M-000292 (ADOPTED)	
	Location: B	Served: B					
	Geographic Ref.:	Key Map:	454G,H, L,M	Neighborhood:			
Description: This project consists of constructing a storm sewer to serve Trinity-Houston Gardens area including CDP Outfall H0094, H1009 and adjacent areas. Justification: Project provides adequate drainage for surrounding areas, encourages economic development, alleviates maintenance associated with roadside ditch systems.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design							
Construction	6,446						6,446
Equipment							
Civic Art							
Other							
Total Allocations	6,446						6,446
Source of Funds							
Community Development Blk Grant	3,000						3,000
Ser-F Storm Sewer Const. Fund	3,446						3,446
Total Funds	6,446						6,446

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Inwood Forest Area		Council District					CIP No.:				
		Location: A	Served: A			M-000293					
		Geographic Ref.:		Key Map: 411	Neighborhood:						
		Operational and Maintenance Costs: (\$ Thousands)									
		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
Description: This project is to construct an improved storm sewer system to serve areas in the White Oak Bayou watershed including Outfalls E0918, E0119, and surrounding areas.		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
		Property Mgmt.									
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		Total									
		FTEs									
Project Allocation				Estimated 2008		Fiscal Year Planned Appropriations					Project Total
						2009	2010	2011	2012	2013	
Acquisition											
Design									350		350
Construction											
Equipment											
Civic Art											
Other											
Total Allocations									350		350
Source of Funds											
Storm Sewer Cons. Const. Fund									350		350
Total Funds									350		350

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Cullen from IH-610 to Old Spanish Trail Drainage Improvements		Council District					CIP No.:	
		Location: D	Served: D		M-000294			
		Geographic Ref.:		Key Map: 533	Neighborhood:			
Description: This project is to construct an improved storm sewer system to serve the Bellmont area in the Brays Bayou watershed including CDP Outfall D0888 and surrounding areas		Operational and Maintenance Costs: (\$ Thousands)						
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.				<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design						250	950	1,200
Construction								
Equipment								
Civic Art								
Other								
Total Allocations						250	950	1,200
Source of Funds								
Storm Sewer Cons. Const. Fund						250	950	1,200
Total Funds						250	950	1,200

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Scott Street from IH-610 to Old Spanish Trail Drainage Improvements	Council District					CIP No.: M-000295 (ADOPTED)	
	Location: D				Served: D		
	Geographic Ref.:		Key Map:	533	Neighborhood:		
Description: This project is to construct an improved storm sewer system to serve the South End and Sunnyside areas in the Brays Bayou watershed including CDP Outfall D0068 and surrounding areas. Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design						250	250
Construction							
Equipment							
Civic Art							
Other							
Total Allocations						250	250
Source of Funds							
Storm Sewer Cons. Const. Fund						250	250
Total Funds						250	250

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Regional/Subregional Stormwater Detention		Council District					CIP No.:				
		Location: VAR	Served: VAR		M-000296 (ADOPTED)						
		Geographic Ref.:	Key Map: VAR		Neighborhood:						
Description: This project provides for analyzing the feasibility of providing regional or subregional detention for mitigation of impacts due to City of Houston projects, existing infrastructure limited areas, and potential development. Preliminary planning for regional detention projects for Halls, Little White Oak, and White Oak Bayous.		Operational and Maintenance Costs: (\$ Thousands)									
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.		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
		Property Mgmt.									
		Total									
		FTEs									
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition				3,500	2,500				6,000		
Design			950						950		
Construction						3,000	10,000		13,000		
Equipment											
Civic Art											
Other											
Total Allocations			950	3,500	2,500	3,000	10,000		19,950		
Source of Funds											
Ser-F Storm Sewer Const. Fund			950							950	
Storm Sewer Cons. Const. Fund				3,500	2,500	3,000	10,000			19,000	
Total Funds			950	3,500	2,500	3,000	10,000			19,950	

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: South Shaver: Gulf Freeway to Highway 3		Council District					CIP No.: M-000582 (ADOPTED)	
		Location: E	Served: E					
		Geographic Ref.:	Key Map:	576K,L, P	Neighborhood:			
Description: Project consists of constructing drainage and detention facilities for Shaver Road at Berry Bayou to facilitate construction of the South Shaver paving project. TxDOT will manage construction. Justification: Project is necessary to alleviate localized flooding and will be constructed with the South Shaver road paving project N-0582.		Operational and Maintenance Costs: (\$ Thousands)						
			<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		1,300						1,300
Equipment								
Civic Art								
Other								
Total Allocations		1,300						1,300
Source of Funds								
Ser-F Storm Sewer Const. Fund		1,300						1,300
Total Funds		1,300						1,300

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Tanner Road: Hempstead to Beltway 8	Council District				CIP No.:		
	Location: A	Served: A		M-000589			
	Geographic Ref.: 4961	Key Map: 410X,45 0B		(ADOPTED)			
Description: Project consists of constructing a 72 inch diameter storm sewer system to serve a drainage area required for the construction of Tanner Road. TxDOT will manage construction. Justification: Project is needed to alleviate localized flooding and will be constructed with the Tanner Road paving project N-0589.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design							
Construction				2,100			2,100
Equipment							
Civic Art							
Other							
Total Allocations				2,100			2,100
Source of Funds							
Storm Sewer Cons. Const. Fund				2,100			2,100
Total Funds				2,100			2,100

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Brittmoore: Hammerly to Clay Detention Basin		Council District					CIP No.: M-000597 (ADOPTED)	
		Location:	A	Served:	A			
		Geographic Ref.:	4959-0216	Key Map:	449LQ			
Description: Project consists of an off site detention basin to facilitate the construction of the Brittmoore: Hammerly to Clay paving improvements. TxDOT will manage construction. Justification: Project necessary to alleviate conditions that cause localized flooding of streets. Project will be done with Brittmoore paving project N-0597.		Operational and Maintenance Costs: (\$ Thousands)						
			<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction				2,000				2,000
Equipment								
Civic Art								
Other								
Total Allocations				2,000				2,000
Source of Funds								
Storm Sewer Cons. Const. Fund				2,000				2,000
Total Funds				2,000				2,000

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Kirby Drive Storm Sewer Improvements: Southwest Freeway to Brays Bayou	Council District					CIP No.: M-000771 (ADOPTED)	
	Location: C	Served: ALL					
	Geographic Ref.:	Key Map: 532CG; 492Y	Neighborhood:				
Description: This Project includes four phases: I. Brays Bayou to Dorrington, II. Dorrington to Swift, III. Swift to Robinhood (2006), and IV. Robinhood to US59 (FY2007). Justification: Project is needed to alleviate localized flooding. The Kirby Drive Bridge over Brays Bayou will be constructed with project N-0771.	Operational and Maintenance Costs: (\$ Thousands)						
		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
	Personnel						
	Supplies						
	Svcs. & Chgs.						
	Capital Outlay						
	Property Mgmt.						
	Total						
	FTEs						
Project Allocation	Estimated 2008	Fiscal Year Planned Appropriations					Project Total
		2009	2010	2011	2012	2013	
Acquisition							
Design							
Construction		15,000					15,000
Equipment							
Civic Art							
Other							
Total Allocations		15,000					15,000
Source of Funds							
FEMA							
Proposed FEMA		6,675					6,675
Ser-F Storm Sewer Const. Fund		8,325					8,325
Total Funds		15,000					15,000

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Developer Participation		Council District					CIP No.:	
		Location: VAR	Served: VAR		M-000800			
		Geographic Ref.:	Key Map: VAR		(ADOPTED)			
		Neighborhood: VAR						
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.		Operational and Maintenance Costs: (\$ Thousands)						
Justification: This allows additional drainage systems to be constructed using sponsors' funds to match City funding.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>		
		Personnel						
		Supplies						
		Svcs. & Chgs.						
		Capital Outlay						
		Property Mgmt.						
		Total						
		FTEs						
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total
			2009	2010	2011	2012	2013	
Acquisition								
Design								
Construction		3,256	1,500	1,500	1,500	1,500	1,500	10,756
Equipment								
Civic Art								
Other								
Total Allocations		3,256	1,500	1,500	1,500	1,500	1,500	10,756
Source of Funds								
Ser-F Storm Sewer Const. Fund		3,256	1,500					4,756
Storm Sewer Cons. Const. Fund				1,500	1,500	1,500	1,500	6,000
Total Funds		3,256	1,500	1,500	1,500	1,500	1,500	10,756

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Western Village, Sherwood Estates		Council District				CIP No.:	
		Location: A	Served: A		M-001010		
		Geographic Ref.:		Key Map:	(ADOPTED)		
				Neighborhood:			
Description: This project is to construct an improved storm sewer system in the Western Village and Sherwood Estates area bounded approximately by Metronome, Chatterton, Brittmoore, and Turkey Creek including CDP Outfall W1005 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)					
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	
		Personnel					
		Supplies					
		Svcs. & Chgs.					
		Capital Outlay					
		Property Mgmt.					
		Total					
		FTEs					
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations				Project Total
			2009	2010	2011	2012	2013
Acquisition							
Design						250	250
Construction							
Equipment							
Civic Art							
Other							
Total Allocations						250	250
Source of Funds							
Storm Sewer Cons. Const. Fund						250	250
Total Funds						250	250

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Willow Waterhole Area Relief Storm Sewer		Council District					CIP No.:			
		Location: C	Served: C			M-001013				
		Geographic Ref.:			Key Map:	(ADOPTED)				
					Neighborhood:					
Description: This project is to construct improved storm sewer systems to serve the Willow Waterhole areas in the Brays Bayou watershed including CDP Outfalls D0155, D0241, D0388, D0864 and adjacent areas.		Operational and Maintenance Costs: (\$ Thousands)								
Justification: Drainage improvements include required piping, sheet flow modifications, or detention to reduce the risk of structural flooding during 100-year, 1% probability rainfall events. Project area has multiple reports of structural flooding.		2009		2010		2011		2012		2013
		Personnel								
		Supplies								
		Svcs. & Chgs.								
		Capital Outlay								
		Property Mgmt.								
		Total								
		FTEs								
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total		
			2009	2010	2011	2012	2013			
Acquisition										
Design						500		500		
Construction										
Equipment										
Civic Art										
Other										
Total Allocations						500		500		
Source of Funds										
Storm Sewer Cons. Const. Fund						500		500		
Total Funds						500		500		

2009-2013 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - Storm Drainage

Project: Contingencies		Council District				CIP No.:					
		Location: ALL		Served: ALL		M-NA (ADOPTED)					
		Geographic Ref.: NA		Key Map: NA		Neighborhood:					
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. Justification: Project is required to provide for unforeseen costs.		Operational and Maintenance Costs: (\$ Thousands)									
		<u>2009</u>		<u>2010</u>		<u>2011</u>		<u>2012</u>		<u>2013</u>	
		Personnel									
		Supplies									
		Svcs. & Chgs.									
		Capital Outlay									
Property Mgmt.											
Total											
FTEs											
Project Allocation		Estimated 2008	Fiscal Year Planned Appropriations					Project Total			
			2009	2010	2011	2012	2013				
Acquisition											
Design											
Construction				200				200			
Equipment											
Civic Art											
Contingencies											
Total Allocations				200				200			
Source of Funds											
Prop. Ser-F Storm Sewer C.F.											
Storm Sewer Cons. Const. Fund				200					200		
Total Funds				200					200		