

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Local Drainage Improvement Projects	City Council District	Key Map:	VAR		CIP No.: M-0126	
	Location:	VAR	Geo. Ref.:	VAR		
	Served:	VAR	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.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Construct infrastructure and supplement existing systems to alleviate localized flooding.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition	2,111	274						2,385
Design	5,351	275	250	300	300	300	300	7,076
Construction	11,365		1,750	3,700	3,700	3,700	3,700	27,915
Equipment								
Civic Art								
Other	184							184
Total Allocations	19,011	549	2,000	4,000	4,000	4,000	4,000	37,560

Source of Funds

Prop. Ser-F Storm Sewer C.F.						2,000	2,000	4,000
Proposed CDBG				2,000	2,000	2,000	2,000	8,000
Storm Sewer Cons. Const. Fund	17,559							17,559
Ser-F Storm Sewer Const. Fund	1,452	549	2,000	2,000	2,000			8,001
Total Funds	19,011	549	2,000	4,000	4,000	4,000	4,000	37,560

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Center Park Subdivision Relief Laterals	City Council District		Key Map: 494V		CIP No.: M-0186			
	Location: I		Geo. Ref.: 5557-1004					
	Served: I		Neighborhood: 82					
Description: Construct a storm sewer to serve an area by Canal, Ave G., HB& TRR, Buffalo Bayou, and South Wayside. Project is in two phases. Phase 1 is complete.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project needed to alleviate flooding at various areas in the watershed served by existing trunk storm sewer.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition	31							31
Design	1,138	8,184						9,322
Construction	4,018							4,018
Equipment								
Civic Art								
Total Allocations	5,187	8,184						13,371
Source of Funds								
Storm Sewer Cons. Const. Fund	896							896
Accumulated Unexpected Fund	4,018							4,018
Ser-F Storm Sewer Const. Fund	273	8,184						8,457
Total Funds	5,187	8,184						13,371

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CITY OF HOUSTON - STORM DRAINAGE

Project: Dunvale-Lipan Relief Storm Sewer	City Council District		Key Map: 490Y		CIP No.: M-0189			
	Location: CG		Geo. Ref.: 5056-0905					
	Served: CG		Neighborhood:					
Description: This project consists of constructing a storm sewer relief outfall from Old Farm Road to Buffalo Bayou.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Provides additional outfall capacity to support upstream drainage improvements to existing storm sewer system.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction		575						575
Equipment								
Civic Art								
Total Allocations		575						575
Source of Funds								
Ser-F Storm Sewer Const. Fund		575						575
Total Funds		575						575

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CITY OF HOUSTON - STORM DRAINAGE

Project: Wycliffe Dr Relief Storm Sewer (Brittmoore)	City Council District		Key Map: 449X, 449Y	CIP No.: M-0209		
	Location: A		Geo. Ref.: 4658-1515			
	Served: A		Neighborhood:			
Description: This project is to provide storm sewer improvements in the vicinity bounded by IH-10, Wycliff, 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.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Capital Outlay						
Total						
FTEs						

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design			426					426
Construction				2,133				2,133
Equipment								
Civic Art								
Total Allocations			426	2,133				2,559

Source of Funds

Ser-F Storm Sewer Const. Fund			426	2,133				2,559
Total Funds			426	2,133				2,559

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CITY OF HOUSTON - STORM DRAINAGE

Project: Sunnyside Court Storm Sewer Laterals	City Council District		Key Map: 533T,U,Y;5		CIP No.: M-0217			
	Location:	D	Geo. Ref.: 5453-0211					
	Served:	D	Neighborhood:					
Description: This project is to construct a storm sewer to serve an area bounded by Hondo, Canyon, Comal and Scott. In CDP outfall W 1003.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project provides needed storm sewer laterals to an area served by roadside ditches which periodically flood the streets.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	495							495
Construction		2,950	2,000					4,950
Equipment								
Civic Art								
Total Allocations	495	2,950	2,000					5,445

Source of Funds

Storm Sewer Cons. Const. Fund	495							495
Community Dev. Block Grant			2,000					2,000
Ser-F Storm Sewer Const. Fund		2,950						2,950
Total Funds	495	2,950	2,000					5,445

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CITY OF HOUSTON - STORM DRAINAGE

Project: SWMP; Program Management and Technical Services	City Council District		Key Map: VAR		CIP No.: M-0220	
	Location: ALL		Geo. Ref.: VAR			
	Served: ALL		Neighborhood:			
Description: Project provides program management, floodplain administration, technical designs and analyses, construction management, and implementation of the Comprehensive Drainage Plan in support of storm sewer projects throughout the city.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Sacs. & Chugs.					
Justification: The program is required to provide improvements to the City's storm water infrastructure to reduce structural flooding citywide.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	25,241	3,200	2,500	2,750	2,750	2,750	2,750	41,941
Construction								
Equipment								
Civic Art								
Other								
Total Allocations	25,241	3,200	2,500	2,750	2,750	2,750	2,750	41,941

Source of Funds

Prop. Ser-F Storm Sewer C.F.						2,750	2,750	5,500
Storm Sewer Cons. Const. Fund	20,541							20,541
Ser-F Storm Sewer Const. Fund	4,700	3,200	2,500	2,750	2,750			15,900
Total Funds	25,241	3,200	2,500	2,750	2,750	2,750	2,750	41,941

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CITY OF HOUSTON - STORM DRAINAGE

Project: Lancaster Relief Storm Sewer	City Council District		Key Map: 534V; 535S		CIP No.: M-0228			
	Location: I		Geo. Ref.: 5554-1401					
	Served: I		Neighborhood:					
Description: This project is to construct a storm sewer to serve an area bounded by Edna, Telephone Road, Sims Bayou and Harbrook.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer is necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient capacity.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	158							158
Construction		2,200	2,000					4,200
Equipment								
Civic Art								
Total Allocations	158	2,200	2,000					4,358
Source of Funds								
Storm Sewer Cons. Const. Fund	158							158
Community Dev. Block Grant			2,000					2,000
Ser-F Storm Sewer Const. Fund		2,200						2,200
Total Funds	158	2,200	2,000					4,358

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Project: Kirby Relief Storm Sewer	City Council District		Key Map: 492Q,P,T		CIP No.: M-0230	
	Location:	G	Geo. Ref.: 5257-1406			
	Served:	G	Neighborhood:			
Description: A storm sewer system to serve an area bounded by River Oaks Blvd., Westheimer Chilton/Dickey Place and Shadder Way. Two phases: phase I is trunk outfall, Buffalo Bayou to San Felipe, phase II is neighborhood reconstruction. CDP outfall W0677	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient capacity.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	1,129							1,129
Construction	6,876			7,200				14,076
Equipment								
Civic Art	3							3
Total Allocations	8,008			7,200				15,208

Source of Funds

Storm Sewer Cons. Const. Fund	8,008							8,008
Ser-F Storm Sewer Const. Fund				7,200				7,200
Total Funds	8,008			7,200				15,208

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CITY OF HOUSTON - STORM DRAINAGE

Project: Stormwater Pump Station Improvement at various underpasses	City Council District		Key Map: VAR		CIP No.: M-0241			
	Location: VAR		Geo. Ref.: VAR					
	Served: VAR		Neighborhood:					
Description: Rehabilitation of stormwater pump stations which service underpasses at various locations throughout the city.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project will provide for rehabilitation to improve functionality. Project also provides for flood warning systems to alert the traveling public to flooded underpasses.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	557		500					1,057
Construction	2,432			3,000				5,432
Equipment								
Civic Art	6							6
Total Allocations	2,995		500	3,000				6,495

Source of Funds

Storm Sewer Cons. Const. Fund	563							563
Ser-F Storm Sewer Const. Fund	2,432		500	3,000				5,932
Total Funds	2,995		500	3,000				6,495

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CITY OF HOUSTON - STORM DRAINAGE

Project: Yorkshire and Nottingham Storm Sewer Improvements (Kirkwood: Memorial to I-10)	City Council District	Key Map:	489ABEF			CIP No.: M-0247
	Location:	G	Geo. Ref.:	4857-4858		
	Served:	G	Neighborhood:			
Description: Project consists of constructing drainage Improvements for Yorkshire and Nottingham area. In CDP outfalls W0290, W0211, W0224.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity.	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	670							670
Construction				5,500				5,500
Equipment								
Civic Art								
Total Allocations	670			5,500				6,170

Source of Funds

Storm Sewer Cons. Const. Fund	670							670
Ser-F Storm Sewer Const. Fund				5,500				5,500
Total Funds	670			5,500				6,170

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CITY OF HOUSTON - STORM DRAINAGE

Project: Wilchester, Memorial Way & Memorial Trails Drainage Improvement	City Council District		Key Map: 489B,F		CIP No.: M-0248			
	Location: G	Geo. Ref.: 4857-5150						
	Served: G	Neighborhood:						
Description: A SWMP project consisting of constructing drainage improvements for Wilchester, Memorial Way and Memorial Trails subdivisions.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the areas due to insufficient pipe capacity.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	428							428
Construction		6,910						6,910
Equipment								
Civic Art								
Other								
Total Allocations	428	6,910						7,338
Source of Funds								
Storm Sewer Cons. Const. Fund	428							428
Ser-F Storm Sewer Const. Fund		6,910						6,910
Total Funds	428	6,910						7,338

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CITY OF HOUSTON - STORM DRAINAGE

Project: Rustling Oaks & Fonn Villas Subdivision Storm Sewer Improvement (Memorial)	City Council District		Key Map: 489G,D,H	CIP No.: M-0249		
	Location: G	Geo. Ref.: 4958				
	Served: G	Neighborhood:				
Description: Project consisting of constructing drainage improvements for Rustling Oaks & Fonn Villas subdivisions. In CDP outfalls W0243, W0247, W0250, W0264, W0265, W0385, W0386, W0387	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the areas due to insufficient pipe capacity.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design	450							450
Construction			7,500					7,500
Equipment								
Civic Art								
Other								
Total Allocations	450		7,500					7,950

Source of Funds

Ser-F Storm Sewer Const. Fund	450		7,500					7,950
Total Funds	450		7,500					7,950

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CITY OF HOUSTON - STORM DRAINAGE

Project: Kirkwood Briar Forest Drainage Improvements	City Council District		Key Map: 489N		CIP No.: M-0250			
	Location: G		Geo. Ref.: 4856					
	Served: G		Neighborhood: 18					
Description: Project consisting of constructing drainage improvements for Kirkwood and Briar Forest subdivisions.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the areas due to insufficient pipe capacity.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design				450				450
Construction						3,000		3,000
Equipment								
Civic Art								
Other								
Total Allocations				450		3,000		3,450
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						3,000		3,000
Ser-F Storm Sewer Const. Fund				450				450
Total Funds				450		3,000		3,450

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CITY OF HOUSTON - STORM DRAINAGE

Project: Edloe Street area (Breaswood Place) Storm Sewer Relief	City Council District		Key Map: 532K		CIP No.: M-0253	
	Location:	C	Geo. Ref.:			
	Served:	C	Neighborhood: 32			
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.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Justification: Project provides for a relief drainage system necessary to alleviate hydraulic conditions that cause localized flooding throughout the area due to insufficient pipe capacity. To be done in conjunction with N-0383.	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design	1,168							1,168
Construction			2,500		2,700			5,200
Equipment								
Civic Art								
Other								
Total Allocations	1,168		2,500		2,700			6,368

Source of Funds

Storm Sewer Cons. Const. Fund	408							408
Ser-F Storm Sewer Const. Fund	760		2,500		2,700			5,960
Total Funds	1,168		2,500		2,700			6,368

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CITY OF HOUSTON - STORM DRAINAGE

Project: Braes Blvd. and Academy St.; New Storm Drainage Trunk Line	City Council District		Key Map: 532E,J		CIP No.: M-0255			
	Location: C		Geo. Ref.:					
	Served: C		Neighborhood:					
Description: This project consists of storm sewer improvements in the vicinity of Braes Blvd. and Academy Street. Formerly M-1003. Phase I is Braes Blvd. storm sewer and phase II is Academy street storm sewer.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer to reduce localized flooding. To be done in conjunction with N-0383 Braeswood Place Subdivision street reconstruction.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	719		600					1,319
Construction	4,817			2,700		2,500		10,017
Equipment								
Civic Art								
Other								
Total Allocations	5,536		600	2,700		2,500		11,336
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						2,500		2,500
Storm Sewer Cons. Const. Fund	719							719
Ser-F Storm Sewer Const. Fund	4,817		600	2,700				8,117
Total Funds	5,536		600	2,700		2,500		11,336

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Project: SHARPSTOWN STORM SEWER IMPROVEMENTS (Gessner: Braeswood to Hwy 59)	City Council District	Key Map: 530Q,R	CIP No.: M-0256			
	Location: CF	Geo. Ref.:				
	Served: CF	Neighborhood:				
Description: This project is to construct a storm sewer to serve an area bounded by Beechnut, Brays Bayou, Braewick Street and Cadawac Street. In CDP outfalls D0428, D0438	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design	665							665
Construction		5,200	2,000					7,200
Equipment								
Civic Art								
Other								
Total Allocations	665	5,200	2,000					7,865

Source of Funds

Storm Sewer Cons. Const. Fund	665							665
Community Dev. Block Grant			2,000					2,000
Ser-F Storm Sewer Const. Fund		5,200						5,200
Total Funds	665	5,200	2,000					7,865

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Project: Woodland Heights Storm Sewer Improvements (Pecore: Studemont to I-45)	City Council District		Key Map: 493B		CIP No.: M-0257			
	Location:	H	Geo. Ref.:					
	Served:	H	Neighborhood:					
Description: This project is to construct a storm sewer and a detention pond to serve an area bounded by E. 11th Street, White Oak Bayou, IH-45 North and Studewood Street. In CDP outfall E0301	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient capacity.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	695							695
Construction			6,779					6,779
Equipment								
Civic Art								
Other								
Total Allocations	695		6,779					7,474
Source of Funds								
Proposed CDBG	695							695
Ser-F Storm Sewer Const. Fund			6,779					6,779
Total Funds	695		6,779					7,474

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CITY OF HOUSTON - STORM DRAINAGE

Project: Texas Medical Center Drainage Improvements	City Council District	Key Map:	VAR			CIP No.: M-0260
	Location:	CD	Geo. Ref.:			
	Served:	CD	Neighborhood:			
Description: This FEMA funded project includes: inlet and inlet leads. Herman Drive I, Herman Drive II, MacGregor Drive Outfall and a detention pond. FY2006 funding is for detention pond. FY2007 funding is for inlets and inlet leads.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Project are needed to alleviate localized flooding.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition	11,771							11,771
Design	1,055							1,055
Construction	31,457	3,000	1,852					36,309
Equipment								
Civic Art								
Other								
Total Allocations	44,283	3,000	1,852					49,135

Source of Funds

FEMA	25,160	1,342						26,502
Tex Med Center Participation	2,000							2,000
Storm Sewer Cons. Const. Fund	3,426							3,426
Ser-F Storm Sewer Const. Fund	13,697	1,658	1,852					17,207
Total Funds	44,283	3,000	1,852					49,135

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CITY OF HOUSTON - STORM DRAINAGE

Project: Buffalo Bayou Detention Pond	City Council District		Key Map: 489,491		CIP No.: M-0261	
	Location: G	Geo. Ref.:				
	Served: G	Neighborhood:				
Description: The airport system facility concept development, impact studies, and assessments. This is a one-time appropriation spread out over multiple years.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Justification: Project needed to guide cost effective, timely options and decisions responding to dynamic changes in airline businesses and their impact on airport facilities and management.	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	285							285
Construction			1,270					1,270
Equipment								
Civic Art								
Total Allocations	285		1,270					1,555

Source of Funds

Storm Sewer Cons. Const. Fund	285							285
Ser-F Storm Sewer Const. Fund			1,270					1,270
Total Funds	285		1,270					1,555

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Whiteheather Storm Sewer Improvements (Fuqua, Buffalo Speedway to Hiram Clark)	City Council District		Key Map: 572J,N		CIP No.: M-0262	
	Location:	D	Geo. Ref.:			
	Served:	D	Neighborhood:			
Description: Project will be done in four phases providing drainage improvements to Dumbarton Oaks and South Glen Neighborhoods. Project includes four phases: Construction of phase I in FY2008, phase II in FY2009 and phase III in FY2010. CDP outfalls C0076, C0078, C00	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Relief storm drainage system necessary to alleviate conditions that cause localized flooding problems throughout the area due to insufficient conveyance capacity.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design	546		1,100	500				2,146
Construction				8,000	7,200			15,200
Equipment								
Civic Art								
Other								
Total Allocations	546		1,100	8,500	7,200			17,346

Source of Funds

TxDot Participation				5,900	3,350			9,250
Ser-F Storm Sewer Const. Fund	546		1,100	2,600	3,850			8,096
Total Funds	546		1,100	8,500	7,200			17,346

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Sherwood Forest Storm Sewer Ststem (I-10: Antoine to Silber)	City Council District		Key Map: 491B,C,F,G		CIP No.: M-0263			
	Location: G	Geo. Ref.:						
	Served: G	Neighborhood:						
Description: This project is to construct a storm sewer to serve area bounded by Memorial, IH-10, Silber and Antoine. In CDP outfalls W0434, W0507.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Relief storm sewer necessary to alleviate hydraulic conditions that cause localized flooding problems throughout the area due to insufficient pipe capacity.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			300					300
Construction					5,000			5,000
Equipment								
Civic Art								
Other								
Total Allocations			300		5,000			5,300
Source of Funds								
Ser-F Storm Sewer Const. Fund			300		5,000			5,300
Total Funds			300		5,000			5,300

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Westmoreland, Sharsptown, Braeburn, Maplewood (Renwick)	City Council District	Key Map: 531 A-T	CIP No.: M-0265			
	Location: CF	Geo. Ref.:				
	Served: CF	Neighborhood:				
Description: This project is to construct a storm sewer to serve an area bounded approx. by Westpark, Brays Bayou, Chimmey Rock and Hillcroft. Project area corresponds to Outfall D0326 from CDP. Project includes a total of six phases.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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.	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			1,030		500	500	500	2,530
Construction						5,000	4,800	9,800
Equipment								
Civic Art								
Other								
Total Allocations			1,030		500	5,500	5,300	12,330

Source of Funds

Prop. Ser-F Storm Sewer C.F.						5,500	5,300	10,800
Ser-F Storm Sewer Const. Fund			1,030		500			1,530
Total Funds			1,030		500	5,500	5,300	12,330

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Kirkwyn, Sagemont Park	City Council District		Key Map: 576W,X		CIP No.: M-0266			
	Location: E		Geo. Ref.:					
	Served:		Neighborhood:					
Description: This project is to construct storm water drainage improvements in a drainage area generally bounded by Beltway 8 on the south, HCFC Ditch Unit No. A120 on the west, Fuqua Street on the north and I-45 on the west. In CDP outfall A0008	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	207							207
Construction				1,409				1,409
Equipment								
Civic Art								
Other								
Total Allocations	207			1,409				1,616
Source of Funds								
Ser-F Storm Sewer Const. Fund	207			1,409				1,616
Total Funds	207			1,409				1,616

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: River Oaks (Shepherd: Westheimer to Buffalo Bayou)	City Council District	Key Map: 492L,M,Q,R,U	CIP No.: M-0267			
	Location: CDG	Geo. Ref.:				
	Served: CDG	Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve an area bounded approximately by Buffalo Bayou, Westheimer, McDuffie, and Kirby Drive. Project area corresponds to Outfall W0679 from CDP. Project includes a total of three phases.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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.	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design			767		767	767		2,301
Construction					3,529		3,529	7,058
Equipment								
Civic Art								
Other								
Total Allocations			767		4,296	767	3,529	9,359

Source of Funds

Prop. Ser-F Storm Sewer C.F.						767	3,529	4,296
Ser-F Storm Sewer Const. Fund			767		4,296			5,063
Total Funds			767		4,296	767	3,529	9,359

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Gulf Meadows, Kirkwood, South Segemont	City Council District		Key Map: 576X,Y;616		CIP No.: M-0268			
	Location: E		Geo. Ref.:					
	Served: E		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve three separate drainage areas within the Clear Creek watershed. Improvements in Gulf Meadows corresponds to Outfalls A0083, and those in Sagemont correspond to Outfall A0043 and A0129	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction	332							332
Equipment								
Civic Art								
Other								
Total Allocations	332							332
Source of Funds								
Ser-F Storm Sewer Const. Fund	332							332
Total Funds	332							332

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Clairmont Place (Wayside)	City Council District		Key Map: N/A		CIP No.: M-0269			
	Location: BEI		Geo. Ref.: N/A					
	Served: ALL		Neighborhood: N/A					
Description: This project is to construct an improved storm sewer system to serve an area bounded approximately by Langley, Laura Koppe, Crestview, Denton and Tremont. Project area corresponds to Outfall P1082 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
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.	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	301							301
Construction				1,546				1,546
Equipment								
Civic Art								
Other								
Total Allocations	301			1,546				1,847
Source of Funds								
Ser-F Storm Sewer Const. Fund	301			1,546				1,847
Total Funds	301			1,546				1,847

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Meyerland Area East (Dound, Braesheather, Endicott)	City Council District		Key Map: 531U		CIP No.: M-0271			
	Location: C		Geo. Ref.:					
	Served: C		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approximately by Brays Bayou, Bellfort, 610 Loop, and Millbury. Project area corresponds to Outfall D0192, D0172, D0212, and D0216 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition							600	600
Design								
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							600	600
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							600	600
Total Funds							600	600

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Crestmont Park, South Acres (Martin Luther King Blvd)	City Council District	Key Map: 574E,J	CIP No.: M-0272			
	Location: DE	Geo. Ref.:				
	Served: DE	Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve an area bounded approximately by Airport, Park Village, 8th/Martin Luther King and Justland/Sandhurst/Dandrock. Project area corresponds to Outfall C0052 from CDP. Project has two phase	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
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.	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design	475		310					785
Construction				1,427	1,427			2,854
Equipment								
Civic Art								
Other								
Total Allocations	475		310	1,427	1,427			3,639

Source of Funds

Prop. Ser-F Storm Sewer C.F.								
Ser-F Storm Sewer Const. Fund	475		310	1,427	1,427			3,639
Total Funds	475		310	1,427	1,427			3,639

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Glenbrook Valley (Broadway)	City Council District		Key Map: 496F,G;535		CIP No.: M-0273			
	Location: I		Geo. Ref.:					
	Served: I		Neighborhood:					
Description: This project will fund pre-construction design constructability reviews, estimating and scheduling during initial design; and construction management/inspection during the construction phase. One time appropriation over multiple years.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: The contract will encompass numerous construction contracts that will require extensive coordination and management to maintain airport services.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			405					405
Construction					1,865			1,865
Equipment								
Civic Art								
Other								
Total Allocations			405		1,865			2,270
Source of Funds								
Prop. Ser-F Storm Sewer C.F.								
Ser-F Storm Sewer Const. Fund			405		1,865			2,270
Total Funds			405		1,865			2,270

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Glen Oaks (Northline: Canino to I-45)	City Council District		Key Map: 412V-453A		CIP No.: M-0274	
	Location:	H	Geo. Ref.:			
	Served:	H	Neighborhood:			
Description: This Project is to construct an improved storm sewer system to serve an area bounded approx. by Canino, New Haven, Werner, and I-45/Meadow York. Project area corresponds to Outfall E0380 from GDP. Project includes two phases.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			849	849				1,698
Construction					3,903	3,903		7,806
Equipment								
Civic Art								
Other								
Total Allocations			849	849	3,903	3,903		9,504

Source of Funds

Prop. Ser-F Storm Sewer C.F.						3,903		3,903
Ser-F Storm Sewer Const. Fund			849	849	3,903			5,601
Total Funds			849	849	3,903	3,903		9,504

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Scarsdale (Astoria: Flushing Meadows to Binghampton)	City Council District		Key Map: 616DH-617A		CIP No.: M-0276			
	Location: E		Geo. Ref.:					
	Served: E		Neighborhood:					
Description: This Project is to construct an improved storm sewer system to serve an area bounded approx. by Ellenville, Adirondack, Turkey Creek, and approx. 250 feet west of Binghampton. Project area corresponds to Outfall A0034 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design				460				460
Construction						2,117		2,117
Equipment								
Civic Art								
Other								
Total Allocations				460		2,117		2,577
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						2,117		2,117
Ser-F Storm Sewer Const. Fund				460				460
Total Funds				460		2,117		2,577

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CITY OF HOUSTON - STORM DRAINAGE

Project: South Park, Southcrest (Crestridge)	City Council District	Key Map: 533R, V;534	CIP No.: M-0277			
	Location: DE	Geo. Ref.:				
	Served: E	Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by 610 Loop, Doolittle, Mykawa, and Calais. Project area corresponds to Outfall D0898 from CDP, Project includes a total of three phases.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
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.	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design				752		752		1,504
Construction						3,460		3,460
Equipment								
Civic Art								
Other								
Total Allocations				752		4,212		4,964

Source of Funds

Prop. Ser-F Storm Sewer C.F.						4,212		4,212
Ser-F Storm Sewer Const. Fund				752				752
Total Funds				752		4,212		4,964

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Upper Kirby	City Council District		Key Map: 492TVXZ53		CIP No.: M-0278			
	Location: C		Geo. Ref.:					
	Served: C		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Westheimer, Wroxton, Hazard, and Claremont/Buffalo Speedway. Project area corresponds to Outfall D0092 from CDP. Project includes three phases.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
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

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Meyerland Area West (Braesheather)	City Council District		Key Map: 531U		CIP No.: M-0279			
	Location: C		Geo. Ref.:					
	Served: C		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Brays Bayou, Bellfort, 300 ft. west of Doud, and 300 ft. west of Millbury. In CDP Outfalls D0220 and D0290.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design							500	500
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							500	500
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							500	500
Total Funds							500	500

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Braes Village (Boone)	City Council District		Key Map: 529B,F		CIP No.: M-0280			
	Location: G		Geo. Ref.:					
	Served: G		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve two separate areas in the Buffalo Bayou watershed. Project areas correspond to Outfall D0687 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			340					340
Construction					1,564			1,564
Equipment								
Civic Art								
Other								
Total Allocations			340		1,564			1,904
Source of Funds								
Ser-F Storm Sewer Const. Fund			340		1,564			1,904
Total Funds			340		1,564			1,904

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CITY OF HOUSTON - STORM DRAINAGE

Project: Marilyn Estates	City Council District		Key Map: 530, 531		CIP No.: M-0281			
	Location: C		Geo. Ref.:					
	Served: C		Neighborhood:					
Description: This project is to construct improved storm sewer systems to serve two separate areas in the Brays Bayou watershed. Project areas correspond to Outfalls D0320 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design							500	500
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							500	500
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							500	500
Total Funds							500	500

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CITY OF HOUSTON - STORM DRAINAGE

Project: Houston Garden (Homestead)	City Council District		Key Map: 454, 455		CIP No.: M-0282			
	Location: B		Geo. Ref.:					
	Served: B		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Ley, N. Loop E., 610, Kirkpatrick, and Homestead. Project area corresponds to Outfall H0093 from CDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
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.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design				1,191				1,191
Construction						5,477		5,477
Equipment								
Civic Art								
Other								
Total Allocations				1,191		5,477		6,668
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						5,477		5,477
Ser-F Storm Sewer Const. Fund				1,191				1,191
Total Funds				1,191		5,477		6,668

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CITY OF HOUSTON - STORM DRAINAGE

Project: Catalina Square, Robindell (Riptide)	City Council District		Key Map: 529, 530		CIP No.: M-0283	
	Location: F		Geo. Ref.:			
	Served: F		Neighborhood:			
Description: This project is to construct an improved storm sewer system to serve two separate areas in the Brays Bayou watershed. Project area correspond to Outfall D0736 from CDP.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design			389					389
Construction					1,791			1,791
Equipment								
Civic Art								
Other								
Total Allocations			389		1,791			2,180

Source of Funds

Prop. Ser-F Storm Sewer C.F.								
Ser-F Storm Sewer Const. Fund			389		1,791			2,180
Total Funds			389		1,791			2,180

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CITY OF HOUSTON - STORM DRAINAGE

Project: Glen Oaks (Airline Drive: Canino to Little York)	City Council District		Key Map: 413, 453		CIP No.: M-0284			
	Location: H		Geo. Ref.:					
	Served: H		Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Canino, Tidwell, Bauman, and Nordling. Project area corresponds to Outfall E0369 from CDP. Project includes four phases.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
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.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design				1,101		1,100		2,201
Construction						5,100		5,100
Equipment								
Civic Art								
Other								
Total Allocations				1,101		6,200		7,301
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						6,200		6,200
Ser-F Storm Sewer Const. Fund				1,101				1,101
Total Funds				1,101		6,200		7,301

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CITY OF HOUSTON - STORM DRAINAGE

Project: Garden Oaks, Shepherd Forest (Ella)	City Council District	Key Map: 452F, G, K, L	CIP No.: M-0285			
	Location: AH	Geo. Ref.:				
	Served: AH	Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Candlelight, N. Loop 610, Shepherd, and Ella. Project area corresponds to Outfall E0159 from GDP. Project includes a total of six phases.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design					887	700	900	2,487
Construction							4,100	4,100
Equipment								
Civic Art								
Other								
Total Allocations					887	700	5,000	6,587

Source of Funds

Prop. Ser-F Storm Sewer C.F.						700	5,000	5,700
Ser-F Storm Sewer Const. Fund					887			887
Total Funds					887	700	5,000	6,587

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Pleasantville (610: Market St. to Guinevere)	City Council District		Key Map: 495F, K, L, P		CIP No.: M-0286			
	Location:	B	Geo. Ref.:					
	Served:	B	Neighborhood:					
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by Market, Guinevere, E. Loop 610, and Demaree. Project area corresponds to Outfall H0072 from CDP. Project includes two phases.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design					756	750		1,506
Construction							3,500	3,500
Equipment								
Civic Art								
Other								
Total Allocations					756	750	3,500	5,006
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						750	3,500	4,250
Ser-F Storm Sewer Const. Fund					756			756
Total Funds					756	750	3,500	5,006

2007 - 2011 CAPITAL IMPROVEMENT PLAN

CITY OF HOUSTON - STORM DRAINAGE

Project: Ridgecrest, Hillendahl Acres, Monarch Oaks, Afton Village (Wirt: Kempwood to I-10)	City Council District	Key Map: 451M-X491B	CIP No.: M-0287			
	Location: AH	Geo. Ref.:				
	Served: AH	Neighborhood:				
Description: This project is to construct an improved storm sewer system to serve an area bounded approx. by 34th St., I-10, Jacquelyn and approx. 1000 ft. E. of Danbury, Ridemore, Lynnview, Pine Chase, Wirt. Project are corresponds to Outfall W0404 from CDP.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design					714			714
Construction							3,300	3,300
Equipment								
Civic Art								
Other								
Total Allocations					714		3,300	4,014

Source of Funds

Prop. Ser-F Storm Sewer C.F.							3,300	3,300
Ser-F Storm Sewer Const. Fund					714			714
Total Funds					714		3,300	4,014

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CITY OF HOUSTON - STORM DRAINAGE

Project: Edgebrook, Easthaven (Edgebrook: Klondike to I-45)	City Council District		Key Map: 575H-567J		CIP No.: M-0288			
	Location:	I	Geo. Ref.:					
	Served:	I	Neighborhood:					
Description: This project is to construct an improved storm sewer system in an area currently drained via open ditches to serve an area bounded approx. by 250 ft. N. of Bryant, Ledge, Gulf Frwy, and approx. 500 ft. E. of Mosley and 500 ft. W. of Easthaven. CDP C1054.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design					816			816
Construction						3,750		3,750
Equipment								
Civic Art								
Other								
Total Allocations					816	3,750		4,566
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						3,750		3,750
Ser-F Storm Sewer Const. Fund					816			816
Total Funds					816	3,750		4,566

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CITY OF HOUSTON - STORM DRAINAGE

Project: Holloway Heights, Almeda-Genoa (Cullen)	City Council District		Key Map: 573, 574		CIP No.: M-0289	
	Location: D		Geo. Ref.:			
	Served: D		Neighborhood:			
Description: This project is to construct an proposed storm sewer system in an area currently drained via open ditches to serve an area bounded approx. by Park Village, Almeda Genoa, Schumier, Hendricksen, and Segrest. Project includes three phases. CDP Outfall C1147	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
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.	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design						1,080		1,080
Construction							5,900	5,900
Equipment								
Civic Art								
Other								
Total Allocations						1,080	5,900	6,980

Source of Funds

Prop. Ser-F Storm Sewer C.F.						1,080	5,900	6,980
Total Funds						1,080	5,900	6,980

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CITY OF HOUSTON - STORM DRAINAGE

Project: Fourth Ward, Avondale	City Council District		Key Map: 492K-X		CIP No.: M-0290			
	Location: CDI		Geo. Ref.:					
	Served: CDI		Neighborhood:					
Description: This project is to construct an improved storm sewer system in an area currently drained via open ditches to serve an area bounded approx. by Dallas St., U.S. Hwy 59 Caroline, Main, Smith and Montrose. Project area corresponds to Outfall W0686 from CDP. Project includes six phases	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design						1,093	1,100	2,193
Construction							5,000	5,000
Equipment								
Civic Art								
Other								
Total Allocations						1,093	6,100	7,193
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						1,093	6,100	7,193
Total Funds						1,093	6,100	7,193

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CITY OF HOUSTON - STORM DRAINAGE

Project: Freeway Manor, Sagemont (Sagechard and Sagarbor)	City Council District	Key Map: 576A, 616B	CIP No.: M-0291			
	Location: E	Geo. Ref.:				
	Served: E	Neighborhood:				
Description: This project is to construct an improved storm sewer system in an area in the Clear Creek Bayou watershed. Project areas correspond to Outfalls C0250, A0061 and A0130 from CDP. Outfall Approx. Marleen, Edgebrook, Bronson, and Arrow.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design					280		2,400	2,680
Construction								
Equipment								
Civic Art								
Other								
Total Allocations					280		2,400	2,680

Source of Funds

Prop. Ser-F Storm Sewer C.F.							2,400	2,400
Ser-F Storm Sewer Const. Fund					280			280
Total Funds					280		2,400	2,680

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CITY OF HOUSTON - STORM DRAINAGE

Project: Trinity-Houston Gardens (Ernie: Lockwood to Homestead)	City Council District		Key Map: 454G, H, L, M		CIP No.: M-0292			
	Location:	B	Geo. Ref.:					
	Served:	B	Neighborhood:					
Description: This project is to construct an improved storm sewer to serve Trinity-Houston Gardens. In CDP Outfall H0094 and H1009.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project provides adequate drainage for surrounding areas, encourage economic development, alleviates maintenance associated with roadside ditch systems.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	644							644
Construction			6,000					6,000
Equipment								
Civic Art								
Other								
Total Allocations	644		6,000					6,644
Source of Funds								
Community Dev. Block Grant			2,000					2,000
Ser-F Storm Sewer Const. Fund	644		4,000					4,644
Total Funds	644		6,000					6,644

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CITY OF HOUSTON - STORM DRAINAGE

Project: Inwood Forest Area	City Council District		Key Map: 411		CIP No.: M-0293	
	Location: A		Geo. Ref.:			
	Served: A		Neighborhood:			
Description: This project is to construct an improved storm sewer systems to serve areas in the White Oak Bayou watershed. Project areas correspond to Outfalls E0918, E0119, E0758 and surrounding areas.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design						350		350
Construction								
Equipment								
Civic Art								
Other								
Total Allocations						350		350

Source of Funds

Prop. Ser-F Storm Sewer C.F.						350		350
Total Funds						350		350

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CITY OF HOUSTON - STORM DRAINAGE

Project: Belmont (Cullen)	City Council District		Key Map: 533		CIP No.: M-0294			
	Location: D		Geo. Ref.:					
	Served: D		Neighborhood:					
Description: This project is to construct an improved storm sewer systems to serve areas in the Brays Bayou watershed. Project areas correspond to Outfalls D0888 and surrounding areas	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
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.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design							950	950
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							950	950
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							950	950
Total Funds							950	950

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CITY OF HOUSTON - STORM DRAINAGE

Project: South End Sunnyside (Scott)	City Council District	Key Map: 533	CIP No.: M-0295			
	Location: D	Geo. Ref.:				
	Served: D	Neighborhood:				
Description: This project is to construct an improved storm sewer systems to serve areas in the Brays Bayou watershed. Project areas correspond to Outfalls D0688 and surrounding areas	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
	Capital Outlay					
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	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design							1,050	1,050
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							1,050	1,050

Source of Funds

Prop. Ser-F Storm Sewer C.F.							1,050	1,050
Total Funds							1,050	1,050

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CITY OF HOUSTON - STORM DRAINAGE

Project: Regional/Subregional Stormwater Detention	City Council District		Key Map:		CIP No.: M-0296			
	Location:	VAR	Geo. Ref.:					
	Served:	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.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
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.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design			250					250
Construction								
Equipment								
Civic Art								
Other								
Total Allocations			250					250
Source of Funds								
Ser-F Storm Sewer Const. Fund			250					250
Total Funds			250					250

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CITY OF HOUSTON - STORM DRAINAGE

Project: South of Little York from Hardy Toll Road to Halls Bayou	City Council District		Key Map: 413V, 414S		CIP No.: M-0531			
	Location: BH		Geo. Ref.: 5462					
	Served: BH		Neighborhood: 46					
Description: Project consists of constructing off site drainage improvements south of little York from Hardy to Halls Bayou to facilitate the construction of Little York paving project.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project is necessary to alleviate localized flooding.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	470							470
Construction		11,800						11,800
Equipment								
Civic Art								
Other								
Total Allocations	470	11,800						12,270
Source of Funds								
Storm Sewer Cons. Const. Fund	470							470
Ser-F Storm Sewer Const. Fund		11,800						11,800
Total Funds	470	11,800						12,270

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CITY OF HOUSTON - STORM DRAINAGE

Project: Monroe Almeda Genoa to Fuqua	City Council District		Key Map: 575Q, U		CIP No.: M-0574			
	Location: E		Geo. Ref.:					
	Served: E		Neighborhood:					
Description: Project consists of constructing drainage improvements on Fuqua to Almeda Genoa on existing ditches to facilitate the construction of Monroe paving project.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project is necessary to alleviate localized flooding and will be done with Monroe paving project N-0574.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction			2,400					2,400
Equipment								
Civic Art								
Other								
Total Allocations			2,400					2,400
Source of Funds								
Ser-F Storm Sewer Const. Fund			2,400					2,400
Total Funds			2,400					2,400

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CITY OF HOUSTON - STORM DRAINAGE

Project: South Shaver: Gulf Freeway to Hwy 3	City Council District		Key Map: 576K, L, P		CIP No.: M-0582			
	Location: E		Geo. Ref.:					
	Served: E		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.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project is necessary to alleviate localized flooding and will be constructed with the South Shaver road Paving project N-0582.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
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

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CITY OF HOUSTON - STORM DRAINAGE

Project: Tanner Road: Hempstead to Beltway 8	City Council District		Key Map: 410X, 450B		CIP No.: M-0589			
	Location:	A	Geo. Ref.: 4961					
	Served:	A	Neighborhood:					
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.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project is necessary to alleviate localized flooding and will be constructed with the Tanner Road paving project N-0589.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	240							240
Construction						2,100		2,100
Equipment								
Civic Art								
Other								
Total Allocations	240					2,100		2,340
Source of Funds								
Prop. Ser-F Storm Sewer C.F.						2,100		2,100
Storm Sewer Cons. Const. Fund	240							240
Total Funds	240					2,100		2,340

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CITY OF HOUSTON - STORM DRAINAGE

Project: Brittmooore: I-10 Hammerly Storm Sewers	City Council District		Key Map: 449Y		CIP No.: M-0596			
	Location: A		Geo. Ref.:					
	Served: A		Neighborhood:					
Description: Project consists of constructing off site storm sewers to facilitate the construction of the Brittmooore Road: I-10 to Hammerly paving improvements. TxDOT to manage construction.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification: Project is necessary to alleviate localized flooding and to drain the proposed paving. Project will be done with Brittmooore paving project N-0596.	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction			1,700					1,700
Equipment								
Civic Art								
Other								
Total Allocations			1,700					1,700
Source of Funds								
Ser-F Storm Sewer Const. Fund			1,700					1,700
Total Funds			1,700					1,700

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CITY OF HOUSTON - STORM DRAINAGE

Project: Brittmoore: I-10 Hammerly to Clay Detention Pond	City Council District		Key Map: 449LQ		CIP No.: M-0597			
	Location: A		Geo. Ref.: 4959-0216					
	Served: A		Neighborhood:					
Description: Project consists of an off site detention pond to facilitate the construction of the Brittmoore: Hammerly to Clay paving improvements. TxDOT will manage construction.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
Justification: Project is necessary to alleviate conditions that cause localized flooding of streets. Project will be done with Brittmoore paving project N-0597.	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction					2,000			2,000
Equipment								
Civic Art								
Other								
Total Allocations					2,000			2,000
Source of Funds								
Ser-F Storm Sewer Const. Fund					2,000			2,000
Total Funds					2,000			2,000

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CITY OF HOUSTON - STORM DRAINAGE

Project: Storm Sewer Improvements Associated with Street Paving and Reconstruction.	City Council District		Key Map:			CIP No.: M-0672
	Location:	VAR	Geo. Ref.:			
	Served:	VAR	Neighborhood:			
Description: Project provides for storm sewer system associated with street paving projects.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Drainage improvements include required piping modifications or detention to reduce the risk of flooding.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	559							559
Construction	1,004							1,004
Equipment								
Civic Art								
Other								
Total Allocations	1,563							1,563

Source of Funds

Ser-F Storm Sewer Const. Fund	1,563							1,563
Total Funds	1,563							1,563

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CITY OF HOUSTON - STORM DRAINAGE

Project: Kirby Drive Storm Improvements: S.W. Frwy to Brays Bayou	City Council District		Key Map: 532CG; 492Y		CIP No.: M-0771			
	Location: C		Geo. Ref.:					
	Served: ALL		Neighborhood:					
Description: This project includes four phases: I. Brays Bayou to Dorrington, II. Dorrington to Swift, III. Swift to Robinhood to US59(FY2007).	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
Justification: Project is needed to alleviate localized flooding. The Kirby Drive Bridge over Brays Bayou will be constructed with project N-0771.	Personnel							
	Supplies							
	Svcs. & Chgs.							
	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design	3,052							3,052
Construction	43,913	10,068	9,648					63,629
Equipment								
Civic Art								
Other								
Total Allocations	46,965	10,068	9,648					66,681
Source of Funds								
FEMA	19,072	7,551	7,236					33,859
Tex Med Center Participation	3,000							3,000
Storm Sewer Cons. Const. Fund	6,282							6,282
Ser-F Storm Sewer Const. Fund	18,611	2,517	2,412					23,540
Total Funds	46,965	10,068	9,648					66,681

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CITY OF HOUSTON - STORM DRAINAGE

Project: Developer Participation	City Council District	Key Map: VAR	CIP No.: M-0800			
	Location: VAR	Geo. Ref.:				
	Served: VAR	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.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: This allows additional drainage system to be constructed using sponsors' funds to match City funding.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design								
Construction	1,572		1,500	1,500	1,500	1,500	1,500	9,072
Equipment								
Civic Art								
Other								
Total Allocations	1,572		1,500	1,500	1,500	1,500	1,500	9,072

Source of Funds

Prop. Ser-F Storm Sewer C.F.						1,500	1,500	3,000
Ser-F Storm Sewer Const. Fund	1,572		1,500	1,500	1,500			6,072
Total Funds	1,572		1,500	1,500	1,500	1,500	1,500	9,072

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CITY OF HOUSTON - STORM DRAINAGE

Project: White Oak Bayou Drainage Improvements	City Council District		Key Map:		CIP No.: M-1002			
	Location:	A	Geo. Ref.:					
	Served:	A	Neighborhood:					
Description:	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification:	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design								
Construction							3,000	3,000
Equipment								
Civic Art								
Other								
Total Allocations							3,000	3,000
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							3,000	3,000
Total Funds							3,000	3,000

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CITY OF HOUSTON - STORM DRAINAGE

Project: Western Village, Sherwood Estates	City Council District		Key Map:		CIP No.: M-1010			
	Location:	A	Geo. Ref.:					
	Served:	A	Neighborhood:					
Description: This project is to construct an improved storm sewer system in an area bounded approx. by Metronome, Chatterton, Brittmoore, and Turkey Creek. Project area corresponds to Outfall W1005 from GDP.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification:	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design							900	900
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							900	900
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							900	900
Total Funds							900	900

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CITY OF HOUSTON - STORM DRAINAGE

Project: Willow Waterhole Area Relief Storm Sewer	City Council District		Key Map:		CIP No.: M-1013			
	Location:	C	Geo. Ref.:					
	Served:	C	Neighborhood:					
Description: This project is to construct improved storm sewer systems to serve areas in the Brays Bayou watershed. Project areas correspond to outfalls D0155, D0241, D0388, and D0864.	Operating and Maintenance Costs: (\$ Thousands)							
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>		
	Personnel							
	Supplies							
	Svcs. & Chgs.							
Justification:	Capital Outlay							
	Total							
	FTEs							
Project Allocation	Appropriations (\$ Thousands)							
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	Project Total
Acquisition								
Design							500	500
Construction								
Equipment								
Civic Art								
Other								
Total Allocations							500	500
Source of Funds								
Prop. Ser-F Storm Sewer C.F.							500	500
Total Funds							500	500

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CITY OF HOUSTON - STORM DRAINAGE

Project: Contingencies	City Council District		Key Map: N/A	CIP No.: M-NA		
	Location: ALL		Geo. Ref.: N/A			
	Served: ALL		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.	Operating and Maintenance Costs: (\$ Thousands)					
		<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
	Personnel					
	Supplies					
	Svcs. & Chgs.					
Justification: Project is required to provide for unforeseen costs.	Capital Outlay					
	Total					
	FTEs					

Project Allocation	Appropriations (\$ Thousands)							Project Total
	Through 2005	Estimated 2006	2007	2008	2009	2010	2011	
Acquisition								
Design								
Construction								
Equipment								
Civic Art								
Other			21	344	651	251	721	1,988
Total Allocations			21	344	651	251	721	1,988

Source of Funds

Prop. Ser-F Storm Sewer C.F.						251	721	972
Ser-F Storm Sewer Const. Fund			21	344	651			1,016
Total Funds			21	344	651	251	721	1,988