

**2005 – 2009 CAPITAL IMPROVEMENT PLAN**

**CITY OF HOUSTON**

<b>Project :</b> CONSTRUCTION MANAGEMENT		<b>Council District</b>		<b>C.I.P. Number:</b>				
				<b>R-0542</b>				
		<b>Location:</b> All <b>Served:</b> All		<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A		
<b>Geographic Reference:</b> N/A								
<b>Description:</b> Project provides construction management for Wastewater projects.		<b>Operating and Maintenance Costs:(Thousands)</b>						
				<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
<b>Justification:</b> Provides City Wastewater Construction with supplemental staff from private resources.		Personnel						
		Supplies						
		Svcs. and Chgs						
		Capital Outlay						
		Total						
		<b>FTEs</b>						
Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design								
Construction	3,000		3,500	3,500	3,500	3,500	3,500	20,500
Equipment								
Civic Art								
<b>Total Allocations</b>	3,000		3,500	3,500	3,500	3,500	3,500	20,500
Source of Funds								
Water & Sewer Cons. Const. Fund	3,000		3,500	3,500	3,500	3,500	3,500	20,500
<b>Total Funds</b>	3,000		3,500	3,500	3,500	3,500	3,500	20,500

# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> SEWER MODEL MANAGEMENT	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-0543</b>				
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A		
	<b>Geographic Reference:</b> N/A						
<b>Description:</b> Provides hydraulic modeling for Wastewater Collection System, wet weather flow investigations, flow monitoring, and illicit connection investigation.		<b>Operating and Maintenance Costs:(Thousands)</b>					
<b>Justification:</b> Provides data to be used to schedule projects for System improvements and upgrades.			<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
		Personnel					
		Supplies					
		Svcs. and Chgs					
		Capital Outlay					
		<b>Total</b>					
		<b>FTEs</b>					

Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design	8,981		1,000	1,000	1,000	1,000	1,000	13,981
Construction								
Equipment								
Civic Art								
<b>Total Allocations</b>	8,981		1,000	1,000	1,000	1,000	1,000	13,981
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	8,981		1,000	1,000	1,000	1,000	1,000	13,981
<b>Total Funds</b>	8,981		1,000	1,000	1,000	1,000	1,000	13,981

# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> NEIGHBORHOOD SEWER SYSTEM ANALYSIS	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-0544</b>																																														
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> NTS																																												
	<b>Geographic Reference:</b> N/A																																																
<b>Description:</b> Provides for the analysis, planning, and management of infrastructure and facility improvements within the City's neighborhoods and WWTP's service areas to meet long-term regulatory requirements and enhance customer service.  <b>Justification:</b> Will develop the necessary long-term plan to meet future regulatory requirements and prioritize the renewal of the City's wastewater system infrastructure.	<b>Operating and Maintenance Costs:(Thousands)</b> <table border="1"> <thead> <tr> <th></th> <th>2005</th> <th>2006</th> <th>2007</th> <th>2008</th> <th>2009</th> </tr> </thead> <tbody> <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. and 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><b>Total</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>FTEs</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								2005	2006	2007	2008	2009	Personnel						Supplies						Svcs. and Chgs						Capital Outlay						<b>Total</b>						<b>FTEs</b>					
		2005	2006	2007	2008	2009																																											
Personnel																																																	
Supplies																																																	
Svcs. and Chgs																																																	
Capital Outlay																																																	
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<b>FTEs</b>																																																	
<b>Project Allocation</b>	<b>Appropriations Through Dec. 31, 2003 (Thousands)</b>	<b>Estimated Appropriations Jan 1 - June 30 2004 (Thousands)</b>	<b>Fiscal Year Planned Appropriations (Thousands)</b>					<b>Project Total</b>																																									
			<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>																																										
Acquisition																																																	
Design	26,500		2,500	2,500	2,500	2,500	2,500	39,000																																									
Construction																																																	
Equipment																																																	
Civic Art																																																	
<b>Total Allocations</b>	26,500		2,500	2,500	2,500	2,500	2,500	39,000																																									
<b>Source of Funds</b>																																																	
Water & Sewer Cons. Const. Fund	26,500		2,500	2,500	2,500	2,500	2,500	39,000																																									
<b>Total Funds</b>	26,500		2,500	2,500	2,500	2,500	2,500	39,000																																									



# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> PROVIDING SEWER SERVICE TO AREAS INSIDE THE CITY CURRENTLY NOT SERVED	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-0801</b>					
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A			
	<b>Geographic Reference:</b> N/A							
<b>Description:</b> Provide sanitary sewer service to subdivisions around Lake Houston, to protect the water quality of the City of Houston Surface Water, and other areas currently not served by the City, including those served by private investor owned public utilities. <b>Justification:</b> This project is required to control operation and maintenance costs, to protect the water quality of the City of Houston Surface Water Supply. Also, to provide sewer service to areas inside the city limits currently not served by the City.	<b>Operating and Maintenance Costs:(Thousands)</b>							
		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>		
	Personnel							
	Supplies							
	Svcs. and Chgs							
	Capital Outlay							
	<b>Total</b>							
	<b>FTEs</b>							
<b>Project Allocation</b>	<b>Appropriations Through Dec. 31, 2003 (Thousands)</b>	<b>Estimated Appropriations Jan 1 - June 30 2004 (Thousands)</b>	<b>Fiscal Year Planned Appropriations (Thousands)</b>					<b>Project Total</b>
			<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	
Acquisition	1,702						1,702	
Design	2,928			1,000		1,000	4,928	
Construction	10,327		6,500	2,000	5,000	4,000	5,000	32,827
Equipment								
Civic Art								
<b>Total Allocations</b>	14,957		6,500	3,000	5,000	5,000	5,000	39,457
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	14,957		6,500	3,000	5,000	5,000	5,000	39,457
<b>Total Funds</b>	14,957		6,500	3,000	5,000	5,000	5,000	39,457

# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> COLLECTION SYS. - SPONSOR PARTICIPATION CATEGORICAL (COMMERC.)	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-0802</b>				
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A		
	<b>Geographic Reference:</b> N/A						
<b>Description:</b> This project provides for the City's share of the cost of participation in joint property for wastewater collection system improvements sponsored by property owners and developers.			<b>Operating and Maintenance Costs:(Thousands)</b>				
<b>Justification:</b> This allows additional collection system capacity to be constructed using sponsors' funds to match City funding.			<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
			Personnel				
			Supplies				
			Svcs. and Chgs				
			Capital Outlay				
			<b>Total</b>				
			<b>FTEs</b>				

Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design								
Construction	730	153	600	600	600	600	600	3,883
Equipment								
Civic Art								
<b>Total Allocations</b>	730	153	600	600	600	600	600	3,883
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	730	153	600	600	600	600	600	3,883
<b>Total Funds</b>	730	153	600	600	600	600	600	3,883

# 2005 - 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> Evaluation of Wastewater Treatment Plant Service Area	<b>Council District</b>		<b>C.I.P. Number: R-1000</b>					
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A			
	<b>Geographic Reference:</b> N/A							
<b>Description:</b> Perform a Wastewater Treatment Plant Service Area Master Plan.			<b>Operating and Maintenance Costs:(Thousands)</b> Personnel <u>2005</u> <u>2006</u> <u>2007</u> <u>2008</u> <u>2009</u> Supplies Svcs. and Chgs Capital Outlay Total					
<b>Justification:</b> This project is needed to program treatment plant and collection system expansion to accommodate projected growth and flow requirements. The immediate need is in the Almeda Sims, Kingwood, Chocolate Bayou, Southwest, and Southeast Service Areas.			<b>FTEs</b>					
Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design	1,500		1,000	2,000	2,000	2,000	2,000	10,500
Construction								
Equipment								
Civic Art								
<b>Total Allocations</b>	1,500		1,000	2,000	2,000	2,000	2,000	10,500
Source of Funds								
Water & Sewer Cons. Const. Fund	1,500		1,000	2,000	2,000	2,000	2,000	10,500
<b>Total Funds</b>	1,500		1,000	2,000	2,000	2,000	2,000	10,500

# 2005 - 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> NORTHSIDE SEWER RELIEF TUNNEL REHABILITATION I	<b>Council District</b>		<b>C.I.P. Number: R-2003</b>		
	<b>Location:</b> B,H,I	<b>Served:</b> B,H,I	<b>Key Map:</b> 453KPTWX		<b>Neighborhood:</b> N/A
	<b>Geographic Reference:</b> 5359-1113				

<b>Description:</b> Project provides funds for rehabilitation of the Northside Sewer Relief Tunnel with moderate to severe corrosion. Includes design, construction, construction management and administration.	<b>Operating and Maintenance Costs:(Thousands)</b>				
		<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
<b>Justification:</b> Project is needed to rehabilitate moderate to severely corroded pipe and to protect the pipe from future corrosion.	Personnel				
	Supplies				
	Svcs. and Chgs				
	Capital Outlay				
	Total				
	FTEs				

  

Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design	3,800			1,000				4,800
Construction					8,000	10,000	10,000	28,000
Equipment								
Civic Art								
Legal Fees	100							100
<b>Total Allocations</b>	<b>3,900</b>			<b>1,000</b>	<b>8,000</b>	<b>10,000</b>	<b>10,000</b>	<b>32,900</b>
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	3,900			1,000	8,000	10,000	10,000	32,900
<b>Total Funds</b>	<b>3,900</b>			<b>1,000</b>	<b>8,000</b>	<b>10,000</b>	<b>10,000</b>	<b>32,900</b>

**2005 – 2009 CAPITAL IMPROVEMENT PLAN**

**CITY OF HOUSTON**

<b>Project :</b> NEIGHBORHOOD SEWER SYSTEMS IMPROVEMENTS	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-2011</b>				
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A		
	<b>Geographic Reference:</b> N/A						
<b>Description:</b> Replacement and renewal of neighborhood sewers and facilities to improve customer service.			<b>Operating and Maintenance Costs:(Thousands)</b>				
<b>Justification:</b> Neighborhood sewer lines and related structures that continue to deteriorate requiring frequent repair need to be replaced and upgraded as necessary to meet today's conditions.			<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
			Personnel				
			Supplies				
			Svcs. and Chgs				
			Capital Outlay				
			<b>Total</b>				
			<b>FTEs</b>				

<b>Project Allocation</b>	<b>Appropriations Through Dec. 31, 2003 (Thousands)</b>	<b>Estimated Appropriations Jan 1 - June 30 2004 (Thousands)</b>	<b>Fiscal Year Planned Appropriations (Thousands)</b>					<b>Project Total</b>
			<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	
Acquisition								
Design	7,863	1,100	1,000	1,500	2,000	2,000	2,000	17,463
Construction	62,783	14,303	11,000	12,500	13,000	13,000	13,000	139,586
Equipment								
Civic Art								
<b>Total Allocations</b>	70,646	15,403	12,000	14,000	15,000	15,000	15,000	157,049
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	70,646	15,403	12,000	14,000	15,000	15,000	15,000	157,049
<b>Total Funds</b>	70,646	15,403	12,000	14,000	15,000	15,000	15,000	157,049

# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> LARGE DIAMETER SEWER ( LDS) REHABILITATION PROGRAM	<b>Council District</b>		<b>C.I.P. Number:</b> <b>R-2013</b>				
	<b>Location:</b> All	<b>Served:</b> All	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A		
	<b>Geographic Reference:</b> N/A						
<b>Description:</b> This project provides the funding necessary for the planning, design construction of LDS rehabilitation projects.		<b>Operating and Maintenance Costs:(Thousands)</b>					
<b>Justification:</b> Projects are needed to rehabilitate moderate to severely corroded pipe and to protect pipe from future corrosion. This is an essential investment in the most critical and valuable sewers.			<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
		Personnel					
		Supplies					
		Svcs. and Chgs					
		Capital Outlay					
		Total					
		<b>FTEs</b>					

Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design	6,371							6,371
Construction		5,915	12,000	10,000	10,000	10,000	10,000	57,915
Equipment								
Civic Art								
<b>Total Allocations</b>	6,371	5,915	12,000	10,000	10,000	10,000	10,000	64,286
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund	6,371	5,915	12,000	10,000	10,000	10,000	10,000	64,286
<b>Total Funds</b>	6,371	5,915	12,000	10,000	10,000	10,000	10,000	64,286

# 2005 – 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> TCEQ Compliance - Citywide	<b>Council District</b>		<b>C.I.P. Number:</b> RI-0295					
	<b>Location:</b> ALL	<b>Served:</b> ALL	<b>Key Map:</b> N/A		<b>Neighborhood:</b> N/A			
	<b>Geographic Reference:</b> N/A							
<b>Description:</b> Provide the necessary improvements within various service areas to meet TCEQ regulatory requirements for sanitary sewer overflow prevention.			<b>Operating and Maintenance Costs:(Thousands)</b>					
<b>Justification:</b> To meet TCEQ regulatory requirements.				<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
			Personnel					
			Supplies					
			Svcs. and Chgs					
			Capital Outlay					
			Total					
			FTEs					

Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design								
Construction			12,500	12,500	12,500	12,500	14,000	64,000
Equipment								
Civic Art								
<b>Total Allocations</b>			12,500	12,500	12,500	12,500	14,000	64,000
<b>Source of Funds</b>								
Water & Sewer Cons. Const. Fund			12,500	12,500	12,500	12,500	14,000	64,000
<b>Total Funds</b>			12,500	12,500	12,500	12,500	14,000	64,000

# 2005 - 2009 CAPITAL IMPROVEMENT PLAN

# CITY OF HOUSTON

<b>Project :</b> Regional Provider to ETJ	<b>Council District</b>		<b>C.I.P. Number:</b>					
	Location: ALL    Served: ALL		<b>RI-0803</b>					
	Geographic Reference: N/A		Key Map: N/A		Neighborhood: N/A			
<b>Description:</b> Provides for the expansion of a City Wastewater Treatment Plant to service the City's ETJ.			<b>Operating and Maintenance Costs:(Thousands)</b>					
<b>Justification:</b> These projects will bring revenue to the City and eliminate the need for the construction of a Non-City WWTP in close proximity of a City WWTP. The elimination of these outside City WWTP could help the City protect its drinking water resources.			Personnel Supplies Svcs. and Chgs Capital Outlay Total <b>FTEs</b>	2005 _____	2006 _____	2007 _____	2008 _____	2009 _____
Project Allocation	Appropriations Through Dec. 31, 2003 (Thousands)	Estimated Appropriations Jan 1 - June 30 2004 (Thousands)	Fiscal Year Planned Appropriations (Thousands)					Project Total
			2005	2006	2007	2008	2009	
Acquisition								
Design								
Construction			3,000	1,000	3,000	3,000	3,000	13,000
Equipment								
Civic Art								
<b>Total Allocations</b>			3,000	1,000	3,000	3,000	3,000	13,000
Source of Funds								
Water & Sewer Cons. Const. Fund			3,000	1,000	3,000	3,000	3,000	13,000
<b>Total Funds</b>			3,000	1,000	3,000	3,000	3,000	13,000