
WASTEWATER TREATMENT FACILITIES 2025-2029 CAPITAL IMPROVEMENT PLAN

CIP No.	Project	Page
R-000509	69th Street Wastewater Treatment Plant	9
R-000800	Collection System-Sponsor Participation	12
R-000019	Emergency Needs for Wastewater Utility	2
R-002013	Large Diameter Sewer (LDS) Rehab	15
R-000267	Lift Station Renewal & Replacement	7
R-000020	Miscellaneous Needs for Public Utility	3
R-000266	Neighborhood Sewer Rehab Program	6
R-002011	Neighborhood Sewer Systems Improvements	14
R-000521	Sewer Line Replacement by Other Govt	10
R-900001	Upgrades to CUS-Owned Support Facilities	17
R-000035	Wastewater Force Main Renewal	4
R-002015	Wastewater Substitute Service Program	16
R-000536	Wastewater Treatment Plant Consolidation	11
R-000265	Wastewater Treatment Plant Improvements	5
R-001000	Wastewater Treatment Plant Service Areas	13
R-000500	WW Improvements under M/N	8



2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Emergency Needs for Wastewater Utility	Project No.	R-000019		
Project Description				
This program provides for unforeseen emergency needs for engineering services, construction, and equipment for facility and sewer line failure of Public Utility.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This program is needed to provide public health and safety, and to ensure regulatory compliance.	Units:	0		
	Start Year:	2024		
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	1,000	1,000	1,000	1,000	1,000	5,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	1,000	1,000	1,000	1,000	1,000	5,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	1,000	1,000	1,000	1,000	1,000	5,000
Total Funds	1,000	1,000	1,000	1,000	1,000	5,000

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Miscellaneous Needs for Public Utility		Project No.		R-000020	
Project Description					
This program provides for miscellaneous needs for acquisition, engineering services, construction, and legal services required in conjunction with various capital projects and activities of the Combined Utility Service.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This program is needed to provide contracted support services for various capital projects and activities of the Combined Utility Service.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	12,150	10,150	6,150	6,150	5,150	39,750
Construction	50	50	50	50	1,050	1,250
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	12,200	10,200	6,200	6,200	6,200	41,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	12,200	10,200	6,200	6,200	6,200	41,000
Total Funds	12,200	10,200	6,200	6,200	6,200	41,000

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Wastewater Force Main Renewal		Project No.		R-000035	
Project Description					
This program is for the renewal and replacement of wastewater force mains throughout the city to provide reliable operation. The city operates and maintains over 1.5 million linear feet of force mains.	City Council District				
	Location	CITYWIDE	Address Descr 2:		
	Served:	CITYWIDE	Zip Codes:		
	Key Map:		Category:		
	Location Code:	UA-00	Sub-Category:		
Project Justification					
This program is necessary due to the age and condition of the City's force mains. Funding of this program is essential to control operation and maintenance costs in the form of emergency repairs and to ensure regulatory compliance, i.e. SSOs.	Units:	0			
	Start Year:	2024			
	RCC Total	\$	RCA Total	\$	

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	7,500	6,000	6,000	6,000	6,000	31,500
Construction	6,121	19,000	10,000	10,000	10,000	55,121
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	13,621	25,000	16,000	16,000	16,000	86,621
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	13,621	25,000	16,000	16,000	16,000	86,621
Total Funds	13,621	25,000	16,000	16,000	16,000	86,621

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Wastewater Treatment Plant Improvements		Project No.		R-000265	
Project Description					
This program provides for the design and construction of electrical, mechanical, structure, process, and piping improvements at various wastewater treatment facilities throughout the City.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This program is required to control operations and maintenance costs and ensure regulatory compliance.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	247,692	31,260		16,000	16,000	310,952
Construction	106,251	101,000	271,585	385,500	156,300	1,020,636
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	353,943	132,260	271,585	401,500	172,300	1,331,588
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	353,943	132,260	271,585	401,500	172,300	1,331,588
Total Funds	353,943	132,260	271,585	401,500	172,300	1,331,588

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Neighborhood Sewer Rehab Program		Project No.		R-000266	
Project Description					
This program provides for the systematic renewal/replacement of the existing sewer system as required citywide.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This program is required to renew/replace deteriorated neighborhood collection systems throughout the City.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	96,000	96,000	96,000	96,000	96,000	480,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	96,000	96,000	96,000	96,000	96,000	480,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	96,000	96,000	96,000	96,000	96,000	480,000
Total Funds	96,000	96,000	96,000	96,000	96,000	480,000

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Lift Station Renewal & Replacement		Project No.		R-000267	
Project Description					
This program is to rehabilitate, replace, consolidate or divert wastewater lift stations throughout the city. It provides for design and construction of the required improvements; structural, mechanical and electrical components at the lift stations.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This program is needed for reliable and efficient collection of wastewater throughout the City. It protects public health and ensures compliance with regulatory requirements.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	4,000	6,000	6,000	6,000	6,000	28,000
Construction	13,200	84,000	108,369	45,000	45,000	295,569
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	17,200	90,000	114,369	51,000	51,000	323,569
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	17,200	90,000	114,369	51,000	51,000	323,569
Total Funds	17,200	90,000	114,369	51,000	51,000	323,569

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: WW Improvements under M/N	Project No.		R-000500	
Project Description				
Wastewater Improvements completed under Street and Bridge or Stormwater Projects.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Wastewater projects completed in conjunction with Street and Bridge or Stormwater Projects are less expensive and less disruption to the community.	Units:	0		
	Start Year:	2024		
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	12,475	23,484	6,143	4,238		46,339
Equipment Acquisition						
Salary Recovery						
Other	94					94
Total Allocation	12,569	23,484	6,143	4,238		46,434
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	12,569	23,484	6,143	4,238		46,434
Total Funds	12,569	23,484	6,143	4,238		46,434

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: 69th Street Wastewater Treatment Plant		Project No.		R-000509	
Project Description					
This program provides for the design and construction of electrical, mechanical, structure, process, and piping improvements of various components of 69th Street Wastewater Treatment Plant.		City Council District			
		Location	H	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
The improvements are required to control operation and maintenance costs and ensure regulatory compliance.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	19,701					19,701
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	19,701					19,701
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	19,701					19,701
Total Funds	19,701					19,701

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Sewer Line Replacement by Other Govt		Project No.		R-000521	
Project Description					
This program provides funding for the design and construction of wastewater line replacement in coordination with projects by other governmental agencies.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This program is to coordinate projects with other governmental agencies to avoid conflict, minimize disturbance to the neighborhood, and reduce costs.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery						
Other	2,169	1,400	1,400	1,400	1,400	7,769
Total Allocation	2,169	1,400	1,400	1,400	1,400	7,769
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	2,169	1,400	1,400	1,400	1,400	7,769
Total Funds	2,169	1,400	1,400	1,400	1,400	7,769

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Wastewater Treatment Plant Consolidation		Project No.		R-000536		
Project Description						
This program provides for implementation of a plan for the phased consolidation of facilities.		City Council District				
		Location	CITYWIDE	Address Descr 2:		
		Served:	CITYWIDE	Zip Codes:		
		Key Map:		Category:		
		Location Code:	UA-00	Sub-Category:		
Project Justification						
This program is required to control operations and maintenance costs and ensure regulatory compliance.		Units:	0			
		Start Year:	2024			
		RCC Total	\$	RCA Total	\$	

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	2,500	2,500	2,500	2,500	2,500	12,500
Construction	164,307					164,307
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	166,807	2,500	2,500	2,500	2,500	176,807
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	166,807	2,500	2,500	2,500	2,500	176,807
Total Funds	166,807	2,500	2,500	2,500	2,500	176,807

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Collection System-Sponsor Participation		Project No.		R-000800	
Project Description					
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.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This allows additional collection system capacity to be constructed using sponsors' funds to match City funding.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction						
Equipment Acquisition						
Salary Recovery						
Other	2,000	2,000	2,000	2,000	2,000	10,000
Total Allocation	2,000	2,000	2,000	2,000	2,000	10,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	2,000	2,000	2,000	2,000	2,000	10,000
Total Funds	2,000	2,000	2,000	2,000	2,000	10,000

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Wastewater Treatment Plant Service Areas		Project No.		R-001000	
Project Description					
This program will develop computer hydraulic models and Master Plans of the wastewater treatment plant service areas.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
This project is needed to identify hydraulic deficiencies in the wastewater system and program treatment plant and collection system expansion and improvements to accommodate projected growth and ensure regulatory compliance.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	13,000	11,000	11,000	11,000	11,000	57,000
Construction	42,000	42,000	148,650	362,000	373,000	967,650
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	55,000	53,000	159,650	373,000	384,000	1,024,650
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	55,000	53,000	159,650	373,000	384,000	1,024,650
Total Funds	55,000	53,000	159,650	373,000	384,000	1,024,650

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Neighborhood Sewer Systems Improvements		Project No.		R-002011	
Project Description					
Replacement and renewal of neighborhood sewers and facilities to improve customer service.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
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.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	1,500	6,000	6,000	6,000	6,000	25,500
Construction	25,329	56,732	40,000	40,000	40,000	202,061
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	26,829	62,732	46,000	46,000	46,000	227,561
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	26,829	62,732	46,000	46,000	46,000	227,561
Total Funds	26,829	62,732	46,000	46,000	46,000	227,561

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Large Diameter Sewer (LDS) Rehab	Project No.	R-002013		
Project Description				
This project provides the funding necessary for the rehabilitation of large diameter sewer projects.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
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.	Units:	0		
	Start Year:	2024		
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	10,000	10,000	10,000	10,000	10,000	50,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	10,000	10,000	10,000	10,000	10,000	50,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	10,000	10,000	10,000	10,000	10,000	50,000
Total Funds	10,000	10,000	10,000	10,000	10,000	50,000

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Wastewater Substitute Service Program		Project No.		R-002015	
Project Description					
The program consists of design and construction associated with removing wastewater main lines from the rear of lots and installing a new main line and service line in the front of the right of way at the City's expense.		City Council District			
		Location	CITYWIDE	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
Project Justification					
The program is required to provide better service to customers with minimal disruption and lower maintenance costs.		Units:	0		
		Start Year:	2024		
		RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	1,000	1,000	1,000	1,000	1,000	5,000
Construction	5,000	5,000	5,000	5,000	5,000	25,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	6,000	6,000	6,000	6,000	6,000	30,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	6,000	6,000	6,000	6,000	6,000	30,000
Total Funds	6,000	6,000	6,000	6,000	6,000	30,000

2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CITY OF HOUSTON - WASTEWATER TREATMENT FACILITIES

Project: Upgrades to CUS-Owned Support Facilities VARIOUS LOCATIONS	Project No.	R-900001		
Project Description				
Upgrades to Mechanical, Electrical and Plumbing Systems at 611 Walker, 2805 McKinney, and other support facilities.	City Council District			
	Location	CITYWIDE	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Address life/safety and functional requirements for CUS-owned office/support facilities.	Units:	0		
	Start Year:	2024		
	RCC Total	\$	RCA Total	\$

Project Allocation						2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design						
Construction	1,000	1,000	1,000	1,000	1,000	5,000
Equipment Acquisition						
Salary Recovery						
Other						
Total Allocation	1,000	1,000	1,000	1,000	1,000	5,000
Source of Funds						
8500 - HPW-W&S Syst Consolidated Constr Fd	1,000	1,000	1,000	1,000	1,000	5,000
Total Funds	1,000	1,000	1,000	1,000	1,000	5,000

This project is related to the impact of Hurricane Harvey DR4332 and it is the City's intent to seek reimbursement from the Federal Emergency Management Agency (FEMA) and any other eligible sources for such expenditures, with the FEMA share being 75% of eligible costs.