

The seal of the City of Houston, Texas, is a circular emblem. It features a central five-pointed star above a steam locomotive. Below the locomotive is a plow. The words "CITY OF HOUSTON" are arched across the top, and "TEXAS" is arched across the bottom. The entire seal is rendered in a light gray, semi-transparent style.

STORM DRAINAGE SYSTEM

Storm Drainage System

The Storm Drainage System Program designs and constructs drainage improvement projects in areas of the City with a demonstrated need of flood protection for Houston and its residents. The Storm Water Drainage System includes collection of rainfall runoff via roadside ditches and/or streets with underground pipe (storm sewer) and the conveyance of storm water via off-road channels and underground structures to a receiving system and detention structures designed manage the rate of flow into a receiving system. The receiving system can be a bayou, tributary channel, or another storm sewer. The program includes investments in channel and detention capacity made in partnership with the Harris County Flood Control District.

The Capital Improvement Plan (CIP) provides an estimate of delivery by fiscal year for the next five years. The FY2026-2030 CIP includes \$1.156 billion for Storm Drainage System improvements funded primarily through drainage fees assessed on non-exempted benefitted property and a dedication of ad valorem revenue to the Dedicated Drainage and Street Renewal Fund (DDSRF). An additional \$63 million of Water and Wastewater improvements are planned to accompany Storm Drainage System projects.

The Storm Drainage System Program consists of the following major components:

Capital Improvement Projects:

- The City uses objective criteria to develop a ranked list of the highest priority need areas across the City and prioritize candidate storm drainage projects based on their benefits and costs. Projects are developed in accordance with the City's design criteria to convey 2-year rainfall events within the collection system (roadside ditch and/or storm sewer) and reduce the risk of structural flooding during 100-year storm events. Properties within special flood hazard areas or the 100-year flood zone will be protected from localized event flooding but may not be protected from flooding related to inadequate level of service of the receiving system.

Local Drainage Program (LDP) & Storm Water Action Team (SWAT) Projects:

- These programs address localized storm water drainage system problems including inadequate level of service due to underground storm sewer capacity, roadside ditch grade deterioration and encroachments, inlet capacity, and/or structural failure of the storm sewer or outfall. Engineering and construction are accomplished by work order contracts in order to address these problems quickly and cost effectively. The FY 2026-2030 CIP commits approximately \$170 million to these programs.

Storm Drainage System Projects deferred to future CIPs:

The following projects were previously listed in Adopted CIPs and will be prioritized for construction as additional funding is identified in future CIPs.

M-410019-0001	Sharpstown Area 2
M-410021-0001	Pinewood Village 2
M-410022-0001	Garden Oaks and Shepherd Park (East)
M-410027-0002	Richmond Plaza 1 (North)
M-410036-0002	Spring Shadows Area
M-410038-0001	Central Park Area

Project Allocation	Fiscal Year Planned Appropriations					2026-2030
	2026	2027	2028	2029	2030	
Planning						
Acquisition-Land						
Design	17,161	8,950	10,950	8,950	8,950	54,961
Construction	336,166	276,517	168,123	102,255	58,055	941,115
Equipment Acquisition						
Salary Recovery						
Other	13,665	155,796	18,000	18,000	3,000	208,460
Total Allocation	366,992	441,262	197,073	129,205	70,005	1,204,537
Source of Funds						
2302 - Stormwater Fund	45,000	25,000	25,000	25,000	25,000	145,000
4042 - DDSRF CAPITAL FUND-DRAINAGE CHARGE	179,288	94,845	145,400	94,205	45,005	558,743
4046 - DDSRF CAPITAL FUND-AD VALOREM TAX	83,070	12,291	6,685			102,045
4510 - Contribution for Capital Projects	24,091	83,125		10,000		117,216
4515 - Contributed Capital Project Fund	3,000					3,000
5000 - Federal Government - Grant Funded	18,428	15,793	19,988			54,209
5400 - Federal Government-PWE Grant Funded-DDSR	850	4,343				5,193
5410 - State - PWE State Grant Funded - DDSR		85,000				85,000
5430 - Federal State Local - HPW Pass thru DDSR	13,264	120,865				134,129
8500 - HPW-W&S Syst Consolidated Constr Fd						
Total Funds	366,992	441,262	197,073	129,205	70,005	1,204,537

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2026-2030
		2026	2027	2028	2029	2030	
M-000247	Nottingham & Yorkshire Area						
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX	13,374					13,374
	8500 - HPW-W&S Syst Consolidated Constr Fd	5,374					5,374
	Project Total	18,748					18,748
M-410002	Potomac and Nantucket Area						
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR			13,201			13,201
	8500 - HPW-W&S Syst Consolidated Constr Fd			3,001			3,001
	Project Total			16,202			16,202
M-410005	Spring Shadows						
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR			14,785			14,785
	Project Total			14,785			14,785
M-410006	Arlington Heights Area						
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		10,297				10,297
	8500 - HPW-W&S Syst Consolidated Constr Fd		4,918				4,918
	Project Total		15,215				15,215
M-410013	Melrose Park Area						
	5000 - Federal Government - Grant Funded			19,988			19,988
	Project Total			19,988			19,988
M-410015	Magnolia Park Area						
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR	8,199					8,199
	4510 - Contribution for Capital Projects	15,000					15,000
	8500 - HPW-W&S Syst Consolidated Constr Fd	5,187					5,187
	Project Total	28,386					28,386

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
M-410016	Westridge and Braes Terrace Area								
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX		7,108		6,685			13,793	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,069		2,275			4,344	
	Project Total		9,177		8,959			18,137	
M-410019	Sharpstown Area 2								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		2,122					2,122	
	Project Total		2,122					2,122	
M-410024	Southland Area								
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX			12,291				12,291	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,362				1,362	
	Project Total			13,653				13,653	
M-410025	Inwood Forest Area								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		25,629					25,629	
	8500 - HPW-W&S Syst Consolidated Constr Fd		10,913					10,913	
	Project Total		36,542					36,542	
M-410028	Westbury Area								
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX		16,455					16,455	
	4510 - Contribution for Capital Projects		5,000					5,000	
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,582					5,582	
	Project Total		27,037					27,037	
M-410029	Chateau Forest Area								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		13,753					13,753	
	8500 - HPW-W&S Syst Consolidated Constr Fd		2,002					2,002	
	Project Total		15,755					15,755	

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
M-410033	Avalon Place								
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX		2,804					2,804	
	Project Total		2,804					2,804	
M-410035	Northside High School Area								
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX		33,576					33,576	
	8500 - HPW-W&S Syst Consolidated Constr Fd		13,407					13,407	
	Project Total		46,983					46,983	
M-410038	Central Park Area								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		3,711					3,711	
	Project Total		3,711					3,711	
M-410039	Cottage Grove East Area								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		12,981					12,981	
	4046 - DDSRF CAPITAL FUND-AD VALOREM TAX		9,752					9,752	
	8500 - HPW-W&S Syst Consolidated Constr Fd		5,701					5,701	
	Project Total		28,434					28,434	
M-410040	Braeburn Glen Area Flood Mitigation								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		24,373					24,373	
	4510 - Contribution for Capital Projects		3,100					3,100	
	5430 - Federal State Local - HPW Pass thru DDSR		5,597					5,597	
	Project Total		33,070					33,070	
M-410041	Kuhlman Gully Mitigation								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR				36,750			36,750	
	Project Total				36,750			36,750	

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
M-410042	OST/Griggs Area Drainage and Paving Impr								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR				20,414			20,414	
	Project Total				20,414			20,414	
M-410043	Freeway Manor/Gulfway Terrace Detention								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR					35,955		35,955	
	4510 - Contribution for Capital Projects					10,000		10,000	
	Project Total					45,955		45,955	
M-410291	Turkey Gully Diversion								
	5000 - Federal Government - Grant Funded			15,793				15,793	
	8500 - HPW-W&S Syst Consolidated Constr Fd			1,198				1,198	
	Project Total			16,991				16,991	
M-420126	Local Drainage Program (LDP)								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		41,889	12,950	12,950	12,950	12,950	93,689	
	4510 - Contribution for Capital Projects		991					991	
	Project Total		42,880	12,950	12,950	12,950	12,950	94,680	
M-420HUD	CDBG Disaster Recovery Program								
	5000 - Federal Government - Grant Funded		3,315					3,315	
	5400 - Federal Government-PWE Grant Funded-DD		850	4,343				5,193	
	Project Total		4,165	4,343				8,508	
M-42LHUD	CDBG Mitigation: Local Action Plan								
	5000 - Federal Government - Grant Funded		9,913					9,913	
	Project Total		9,913					9,913	

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
M-430006	Storm Water Action Team (SWAT)								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		20,000	20,000	20,000	20,000	20,000	100,000	
	4515 - Contributed Capital Project Fund		3,000					3,000	
	Project Total		23,000	20,000	20,000	20,000	20,000	103,000	
M-430100	Pre-Engineering for Storm Water Drainage								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		2,000		2,000			4,000	
	Project Total		2,000		2,000			4,000	
M-430220	Project Mgmt. Incl. Testing & Inspection								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		1,700	1,700	1,700	1,700	1,700	8,500	
	Project Total		1,700	1,700	1,700	1,700	1,700	8,500	
M-430241	Stormwater Pump Station & Flood Warning								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		1,000	1,000	1,000	1,000	1,000	5,000	
	Project Total		1,000	1,000	1,000	1,000	1,000	5,000	
M-430296	Regional Stormwater Detention								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		14,931	17,355	15,600	15,600	2,355	65,841	
	4510 - Contribution for Capital Projects			27,748				27,748	
	5000 - Federal Government - Grant Funded		5,200					5,200	
	5430 - Federal State Local - HPW Pass thru DDSR		7,667	24,276				31,943	
	Project Total		27,798	69,380	15,600	15,600	2,355	130,733	
M-430800	Developer Participation								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		3,000	3,000	3,000	3,000	3,000	15,000	
	Project Total		3,000	3,000	3,000	3,000	3,000	15,000	

STORM DRAINAGE SYSTEM - Summary of Funds
2026-2030 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2026-2030	
			2026	2027	2028	2029	2030		
M-43E101	HMGP North Canal Project								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR			13,844				13,844	
	4510 - Contribution for Capital Projects			55,377				55,377	
	5430 - Federal State Local - HPW Pass thru DDSR			54,492				54,492	
	Project Total			123,713				123,713	
M-43HCFC	Harris County Flood Control Dist Agrmt								
	5430 - Federal State Local - HPW Pass thru DDSR			10,000				10,000	
	Project Total			10,000				10,000	
M-43M009	Ditch Reestablishment Program								
	2302 - Stormwater Fund		45,000	25,000	25,000	25,000	25,000	145,000	
	Project Total		45,000	25,000	25,000	25,000	25,000	145,000	
M-450500	Storm Water Improvements Under R/S								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR			10,699				10,699	
	5410 - State - PWE State Grant Funded - DDSR			85,000				85,000	
	5430 - Federal State Local - HPW Pass thru DDSR			32,097				32,097	
	Project Total			127,796				127,796	
M-500001	Future Design								
	4042 - DDSRF CAPITAL FUND-DRAINAGE CHAR		4,000	4,000	4,000	4,000	4,000	20,000	
	Project Total		4,000	4,000	4,000	4,000	4,000	20,000	
M-NA0000	Funding Offset								
	8500 - HPW-W&S Syst Consolidated Constr Fd		-50,235	-7,478	-5,276			-62,989	
	Project Total		-50,235	-7,478	-5,276			-62,989	
	Total Appropriations:		366,992	441,262	197,073	129,205	70,005	1,204,537	



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