



AVIATION FACILITIES

Aviation Facilities

Planned CIP

Planned appropriations for the Fiscal Year 2025 – 2029 Capital Improvement Plan are projected to reach \$2.8 billion. The George Bush Intercontinental Airport (IAH) Domestic Redevelopment Program is the largest project, representing 50.7% or \$1.4B; Airfield projects represent 21.5% or \$596M; while Landside projects represent 3.9% or \$109M; Terminal projects 13.1% or \$363M, and other projects represents 6.0% or \$166M; of the five-year CIP planned appropriations.

Planning activity levels are being monitored at IAH and William P Hobby Airport (HOU) to determine the timing and need for the projects identified in the Master Plans.

Major CIP Projects

The Domestic Redevelopment Program includes gate expansions, a new consolidated security checkpoint in Terminal A. It also includes early enabling projects associated with curbside capacity improvements, which will address the current level of service deficiencies at arrival and departure curbsides for both private and commercial vehicles. The plan will also provide infrastructure for gate expansion.

Airfield projects at IAH include rehabilitation of Taxiways RA, RB, SA, SB. Rehabilitation of Crossfield Taxiways, Airfield Sinkholes, Airfield Electrical and RON Parking at Terminal A.

Other projects at IAH are Rehab Storm Water Pollution Control System, Central Utility Plant Improvements, IAH Conveyances, HVAC Efficiency, Restroom Upgrades, Consolidated Employee Lot, Will Clayton Flyover Bridge Replacement, Construction of Kenswick intersection and Storm Water detention pond expansion.

Projects planned at HOU include West Pier Seven-Gate Expansion; Non-Standard Taxiways associated with Runway 17-35 decommissioning, Taxiway M Rehab, HVAC Efficiency, Hobby Conveyances, Sanitary sewer system and flooring in the central concourse.

At Ellington Airport, the planned projects include Spaceport development – associated utility infrastructure, roadways and environmental assessments, and Construction of Taxiway L.

Completion of the ITRP remains a focus of the five-year CIP. The project redevelops the International Terminal D with more gates to handle the large wide body aircraft and consolidates international check in processes in a new International Central Processor (ICP).

Funding for the Airport Facilities CIP

The Fiscal Year 2025-2029 Airport Facilities CIP is being funded from various sources including the Airports Improvement Fund (AIF, Fund 8011), Grants-in-Aid from the FAA Airports Improvement Program (AIP Fund 8000), other transaction funds from Department of Homeland Security (DHS), Commercial Paper / General Airport Revenue Bonds (GARB), and Passenger Facility Charges (PFCs).

Project Allocation	Fiscal Year Planned Appropriations					2025-2029
	2025	2026	2027	2028	2029	
Planning						
Acquisition-Land						
Design	70,980	27,300	14,800	25,300	15,300	153,680
Construction	626,003	689,451	442,959	288,040	424,594	2,471,047
Equipment Acquisition						
Salary Recovery						
Other	69,274	31,957	35,088	6,000	2,000	144,319
Total Allocation	766,257	748,708	492,847	319,340	441,894	2,769,046
Source of Funds						
8000 - HAS-Grants	85,689	177,004	134,295	8,855	7,000	412,843
8010 - HAS-Renewal & Replacement	37,690	21,800	35,300	15,300	15,300	125,390
8011 - HAS-Airports Improvement	122,278	172,124	161,252	100,185	119,594	675,433
8013 - HAS-Passenger Facility Charges	50,000					50,000
REV BONDS/CP	470,600	377,780	162,000	195,000	300,000	1,505,380
Total Funds	766,257	748,708	492,847	319,340	441,894	2,769,046

AVIATION FACILITIES - Summary of Funds
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project	Fiscal Year Planned Appropriations					2025-2029
		2025	2026	2027	2028	2029	
A-000348	Miscellaneous Construction						
	8010 - HAS-Renewal & Replacement	6,000	6,000	5,000	4,000	4,000	25,000
	Project Total	6,000	6,000	5,000	4,000	4,000	25,000
A-000422	Civic Art for Aviation-HAS						
	8011 - HAS-Airports Improvement	12,084	457	88			12,629
	Project Total	12,084	457	88			12,629
A-000477	PN 604A Inter-Terminal Train-Repairs						
	8011 - HAS-Airports Improvement				12,000		12,000
	Project Total				12,000		12,000
A-000515	Rehab Taxiway SA,SB & RA - GBIAH						
	8000 - HAS-Grants	23,489	9,440	11,795	4,855		49,579
	8011 - HAS-Airports Improvement	5,872	2,360	7,864	3,237		19,333
	Project Total	29,361	11,800	19,659	8,092		68,912
A-000572	Wayfinding Garage Facilities - IAH/HOU						
	8011 - HAS-Airports Improvement	5,170					5,170
	Project Total	5,170					5,170
A-000574	Taxiway M Rehab						
	8000 - HAS-Grants			30,000			30,000
	8011 - HAS-Airports Improvement		10,000	20,000			30,000
	Project Total		10,000	50,000			60,000
A-000600	Infrastructure Staff Augmentation - HAS						
	8011 - HAS-Airports Improvement	8,000	8,000				16,000
	Project Total	8,000	8,000				16,000

AVIATION FACILITIES - Summary of Funds
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2025-2029	
		2025	2026	2027	2028	2029		
A-000628	Security Lane Backflow Prevention							
	8011 - HAS-Airports Improvement	2,088					2,088	
	Project Total	2,088					2,088	
A-000629	Aerospace Design & Solution Lab - EFD							
	8011 - HAS-Airports Improvement		10,000	10,000	12,000		32,000	
	Project Total		10,000	10,000	12,000		32,000	
A-000666	Gate Expansion at Hobby Airport							
	8013 - HAS-Passenger Facility Charges	50,000					50,000	
	REV BONDS/CP	150,000					150,000	
	Project Total	200,000					200,000	
A-000670	Kenswick Intersection - GBIAH							
	8011 - HAS-Airports Improvement	5,000					5,000	
	Project Total	5,000					5,000	
A-000671	Harden AOA Perimeters - HOU							
	8011 - HAS-Airports Improvement				2,700		2,700	
	Project Total				2,700		2,700	
A-000674	SIDA BOOTH IMPROVEMENTS - HOU							
	8011 - HAS-Airports Improvement		2,000				2,000	
	Project Total		2,000				2,000	
A-000680	ON-CALL PROF. AVIATION PLANNING SERVICE							
	8010 - HAS-Renewal & Replacement	16,500		15,000			31,500	
	Project Total	16,500		15,000			31,500	

AVIATION FACILITIES - Summary of Funds
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2025-2029
		2025	2026	2027	2028	2029	
A-000685	PN 950 - HOU Sanitary Sewer System						
	8000 - HAS-Grants	6,000	3,700	3,700			13,400
	8011 - HAS-Airports Improvement	2,000	1,300	1,300			4,600
	Project Total	8,000	5,000	5,000			18,000
A-000687	PN 952 - IAH Airfield Electrical						
	8000 - HAS-Grants	5,600	5,120				10,720
	8011 - HAS-Airports Improvement			11,000			11,000
	REV BONDS/CP	1,400	1,280				2,680
	Project Total	7,000	6,400	11,000			24,400
A-000689	PN 707 - Const. of Taxiway LIMA - EFD						
	8000 - HAS-Grants	32,000	8,000	9,600			49,600
	8011 - HAS-Airports Improvement	8,000	2,000	2,400			12,400
	Project Total	40,000	10,000	12,000			62,000
A-000691	IAH - Central Utility Plant (CUP) Improv						
	8000 - HAS-Grants	6,600	5,500				12,100
	REV BONDS/CP	53,400	44,500				97,900
	Project Total	60,000	50,000				110,000
A-000705	TNC LOT IMPROVEMENTS - HOBBY						
	8011 - HAS-Airports Improvement	1,500					1,500
	Project Total	1,500					1,500
A-000712	FIS/CBP Signage and Wayfinding						
	8011 - HAS-Airports Improvement	1,300					1,300
	Project Total	1,300					1,300

AVIATION FACILITIES - Summary of Funds
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2025-2029
		2025	2026	2027	2028	2029	
A-000713	RON Parking Terminal A						
	8011 - HAS-Airports Improvement		7,260				7,260
	Project Total		7,260				7,260
A-000716	ENVIRONMENTAL ON CALL SERVICES - HAS						
	8010 - HAS-Renewal & Replacement	1,000					1,000
	Project Total	1,000					1,000
A-000718	PN 980 - IAH - MISC TAXIWAY REHAB						
	8011 - HAS-Airports Improvement		5,000	5,000			10,000
	Project Total		5,000	5,000			10,000
A-000719	PN 981 - HOU - MISC TAXIWAY REHAB						
	8011 - HAS-Airports Improvement		3,000	10,000	5,000		18,000
	Project Total		3,000	10,000	5,000		18,000
A-000720	PN 982 - REHAB TAXIWAY 13R-31L - HOU						
	8000 - HAS-Grants		60,000	60,000			120,000
	8011 - HAS-Airports Improvement		3,000	3,000			6,000
	REV BONDS/CP		12,000	12,000			24,000
	Project Total		75,000	75,000			150,000
A-000725	IAH CONSOLIDATED EMPLOYEE LOT						
	8011 - HAS-Airports Improvement		28,000	29,300			57,300
	Project Total		28,000	29,300			57,300
A-000734	SKYWAY STRUCTURAL REPAIRS						
	8011 - HAS-Airports Improvement			12,000			12,000
	Project Total			12,000			12,000

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2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2025-2029
		2025	2026	2027	2028	2029	
A-000735	AIRCRAFT RON PARKING REMOTE PAD						
	8011 - HAS-Airports Improvement		21,000				21,000
	Project Total		21,000				21,000
A-000736	AIRFIELD DRAINAGE & ENVIRON LIFT STATION						
	8011 - HAS-Airports Improvement			2,000			2,000
	Project Total			2,000			2,000
A-000737	CROSSFIELD TAXIWAY						
	8011 - HAS-Airports Improvement				2,000		2,000
	Project Total				2,000		2,000
A-000738	GSE STORAGE/PARKING AREA						
	8011 - HAS-Airports Improvement			4,500			4,500
	Project Total			4,500			4,500
A-000739	IAH AIRFIELD SINK-HOLE PROJECT						
	8011 - HAS-Airports Improvement	1,280	8,000	8,000			17,280
	Project Total	1,280	8,000	8,000			17,280
A-000740	IAH CARGO EXPANSION						
	8011 - HAS-Airports Improvement				1,248	15,594	16,842
	Project Total				1,248	15,594	16,842
A-000741	AIRFIELD DRAINAGE STUDY & UPGRADES						
	8011 - HAS-Airports Improvement		6,000	11,000			17,000
	REV BONDS/CP		6,000				6,000
	Project Total		12,000	11,000			23,000

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CIP No.	Project						2025-2029
		2025	2026	2027	2028	2029	
A-000742	IAH & HOU CONVEYANCES						
	8000 - HAS-Grants		31,470	14,400			45,870
	8011 - HAS-Airports Improvement		5,868	1,600			7,468
	Project Total		37,338	16,000			53,338
A-000745	IAH ROADWAY CAMERAS						
	8011 - HAS-Airports Improvement	3,500					3,500
	Project Total	3,500					3,500
A-000746	IAH & HOU HVAC EFFICIENCY UPGRADES						
	8000 - HAS-Grants		13,274	4,800	4,000	4,000	26,074
	8011 - HAS-Airports Improvement		3,319	1,200	1,000	1,000	6,519
	Project Total		16,593	6,000	5,000	5,000	32,593
A-000747	REHABILITATION OF TWY SF - IAH						
	8000 - HAS-Grants		3,000				3,000
	8011 - HAS-Airports Improvement		3,000				3,000
	Project Total		6,000				6,000
A-000749	TERMINAL A RESTROOM UPGRADES - IAH						
	8000 - HAS-Grants	12,000					12,000
	8011 - HAS-Airports Improvement	4,000					4,000
	Project Total	16,000					16,000
A-000751	HOU-AIRPORT EMERGENCY OPERATION CENT						
	8011 - HAS-Airports Improvement		2,500				2,500
	Project Total		2,500				2,500
A-000752	HOU AIRPORT DRAINAGE CORRECTIONS						
	8011 - HAS-Airports Improvement		7,400	10,000			17,400
	Project Total		7,400	10,000			17,400

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CIP No.	Project						2025-2029	
		2025	2026	2027	2028	2029		
A-000754	HOU GARAGE APGS REPLACEMENT							
	8011 - HAS-Airports Improvement		6,000					6,000
	Project Total		6,000					6,000
A-000758	HOU ROADWAY CAMERAS							
	8011 - HAS-Airports Improvement		1,500	1,500				3,000
	Project Total		1,500	1,500				3,000
A-000762	RUNWAY 17L-35R REHABILITATION - EFD							
	8000 - HAS-Grants					3,000		3,000
	8011 - HAS-Airports Improvement					1,000		1,000
	Project Total					4,000		4,000
A-000763	EFD MISC TAXIWAY REHAB - EFD							
	8000 - HAS-Grants		1,500					1,500
	8011 - HAS-Airports Improvement		500					500
	Project Total		2,000					2,000
A-000764	TERMINAL B REDEVELOPMENT PROGRAM-IAH							
	REV BONDS/CP	250,000	224,000					474,000
	Project Total	250,000	224,000					474,000
A-000765	DOMESTIC TERM A REDEVELOP PROGRAM - D							
	8011 - HAS-Airports Improvement	7,200	3,000	3,000	59,000	100,000		172,200
	REV BONDS/CP	5,800	90,000	150,000	195,000	300,000		740,800
	Project Total	13,000	93,000	153,000	254,000	400,000		913,000
A-000766	PAVE VEHICLE FUELING SERVICE ROAD-HOU							
	8011 - HAS-Airports Improvement			2,000				2,000
	Project Total			2,000				2,000

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CIP No.	Project						2025-2029
		2025	2026	2027	2028	2029	
A-000767	PERIMETER INTRUSION DETECTION SYS (PIDS)						
	8011 - HAS-Airports Improvement	7,000					7,000
	Project Total	7,000					7,000
A-000768	GENERAL SVC FACILITY(GSF) HOU						
	8011 - HAS-Airports Improvement	400	5,000				5,400
	Project Total	400	5,000				5,400
A-000769	HOU - MILLION FUEL FARM RELOCATION						
	8011 - HAS-Airports Improvement	4,000					4,000
	Project Total	4,000					4,000
A-000770	HOU AIRSIDE EQUIPMENT STORAGE FACILITY						
	8011 - HAS-Airports Improvement	2,000					2,000
	Project Total	2,000					2,000
A-000771	IAH-AB GARAGE ENTRANCE LANE EXPANSION						
	8011 - HAS-Airports Improvement	500					500
	Project Total	500					500
A-000773	IAH-TERM D-STERILE CORRI RESTR RENOVAT						
	8011 - HAS-Airports Improvement	1,500					1,500
	Project Total	1,500					1,500
A-000774	IAH-REGROOVE/RETEXTURE ALL RWYS 8R-26L						
	8011 - HAS-Airports Improvement		10,000				10,000
	Project Total		10,000				10,000
A-000775	HOU - TAXIWAY C REHAB						
	8011 - HAS-Airports Improvement			2,500			2,500
	Project Total			2,500			2,500

AVIATION FACILITIES - Summary of Funds
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project						2025-2029	
		2025	2026	2027	2028	2029		
A-000776	HOU-ELECTRICAL UPGRADES FOR RUNWAY 4/							
	8011 - HAS-Airports Improvement	12,000					12,000	
	REV BONDS/CP	10,000					10,000	
	Project Total	22,000					22,000	
A-000777	HOU-TW ECHO & HOLD BAY REHAB & DEICING							
	8000 - HAS-Grants		36,000				36,000	
	8011 - HAS-Airports Improvement		4,000				4,000	
	Project Total		40,000				40,000	
A-000778	HAS-ON CALL PROFESSIONAL SERVICES DESI							
	8010 - HAS-Renewal & Replacement	11,300	11,300	11,300	11,300	11,300	56,500	
	Project Total	11,300	11,300	11,300	11,300	11,300	56,500	
A-000779	HAS-ON CALL PROFESSIONAL TECHNOLOGY S							
	8011 - HAS-Airports Improvement	2,000	2,000	2,000	2,000	2,000	10,000	
	Project Total	2,000	2,000	2,000	2,000	2,000	10,000	
A-000780	NEW ENVIRONMENTAL ON CALL SERVICES - H							
	8010 - HAS-Renewal & Replacement		3,500	4,000			7,500	
	Project Total		3,500	4,000			7,500	
A-000781	ON CALL ABATEMENT SERVICES - IAH-HOU-EF							
	8010 - HAS-Renewal & Replacement	1,000	1,000				2,000	
	Project Total	1,000	1,000				2,000	
A-000782	EFD ELECTRICAL FIBER DUCTBANK PROJECT							
	8011 - HAS-Airports Improvement	7,041					7,041	
	Project Total	7,041					7,041	

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CIP No.	Project						2025-2029	
		2025	2026	2027	2028	2029		
A-000783	IAH-PARKING GARAGES - LED LIGHTING							
	8011 - HAS-Airports Improvement	2,043					2,043	
	Project Total	2,043					2,043	
A-000784	IAH-EXPANSION-AOA-VEHICLE CHECK PT-NV53							
	8011 - HAS-Airports Improvement		660				660	
	Project Total		660				660	
A-000785	HAS-RESILIENCY MASTER PLAN IAH & HOU							
	8010 - HAS-Renewal & Replacement	945					945	
	Project Total	945					945	
A-000786	HAS-ENERGY AUDITS AT IAH & HOU							
	8010 - HAS-Renewal & Replacement	945					945	
	Project Total	945					945	
A-000800	Executive Program Manager Services-ITRP							
	8011 - HAS-Airports Improvement	16,800					16,800	
	Project Total	16,800					16,800	
	Total Appropriations:	766,257	748,708	492,847	319,340	441,894	2,769,046	

**AVIATION - Department Related Projects
2025-2029 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

This page lists projects that support the department but are found in other sections of the Capital Improvement Plan

CIP No.	Project						2025-2029	
		2025	2026	2027	2028	2029		
W-28ADSP	HAS - Admin Support / Operations							
	8012 - HAS-AIF Capital Outlay		1,470				1,470	
	Project Total		1,470				1,470	
W-28ERES	HAS - Emergency Response							
	8012 - HAS-AIF Capital Outlay		3,732				3,732	
	Project Total		3,732				3,732	
W-28MTOP	HAS - Maintenance Operations							
	8012 - HAS-AIF Capital Outlay		1,682				1,682	
	Project Total		1,682				1,682	
	Total Appropriations:		6,884				6,884	