



AVIATION FACILITIES

Aviation Facilities

Planned CIP

Planned appropriations for the Fiscal Year 2027 – 2031 Capital Improvement Plan are projected to reach \$2.7 billion. The George Bush Intercontinental Airport (IAH) Terminal Modernization Program is the largest project, representing 32.04% or \$865M; Airfield projects represent 31.14% or \$841M; Infrastructure and Roadway projects represent 13.7% or \$370M, and other projects represents 23.1% or \$624M; 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 Terminal Modernization program includes gate expansions to service significantly higher passenger traffic. This program includes increasing airfield capacity, expanding passenger parking facilities, and upgrading and improving retail and concession options.

Airfield projects at IAH include extension of 15R-33L to accommodate larger planes and improve air traffic flow.

Other projects at IAH are Rehab Storm Water Pollution Control System, Central Utility Plant Improvements, IAH Conveyances, HVAC Efficiency, Consolidated Employee Lot, Airfield Checkpoint Expansions, and Storm Water detention pond expansion.

Projects planned at HOU include public restroom renovation, Taxiway R Rehab, HVAC Efficiency, Hobby Conveyances, Sanitary sewer system and flooring in the central concourse.

At Ellington Airport, the planned projects include Runway 17L-35R rehabilitation, Airport Operations Area (AOA) security fence replacement, 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 2027-2031 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), Renewal & Replacement (R&R Fund 8010), 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					2027-2031
	2027	2028	2029	2030	2031	
Planning						
Acquisition-Land	27,000	3,484				30,484
Design	21,103	49,000	2,500			72,603
Construction	511,732	441,828	535,696	227,616	580,124	2,296,996
Equipment Acquisition						
Salary Recovery						
Other	35,150	32,551	12,250	214,750	5,000	299,701
Total Allocation	594,985	526,863	550,446	442,366	585,124	2,699,784
Source of Funds						
8000 - HAS-Grants	169,673	212,227	176,913	136,329	94,287	789,429
8010 - HAS-Renewal & Replacement	18,800	13,333	9,333	13,333	5,000	59,799
8011 - HAS-Airports Improvement	139,389	132,146	170,204	106,180	110,205	658,124
PFC	4,819	8,773	7,452	10,558	22,570	54,172
REV BONDS/CP	262,304	160,384	186,544	175,966	353,062	1,138,260
Total Funds	594,985	526,863	550,446	442,366	585,124	2,699,784

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2027-2031	
			2027	2028	2029	2030	2031		
A-000348	Miscellaneous Construction								
	8010 - HAS-Renewal & Replacement			4,333	4,333	4,333		12,999	
	Project Total			4,333	4,333	4,333		12,999	
A-000422	Civic Art for Aviation-HAS								
	8011 - HAS-Airports Improvement				263	7,438	7,438	15,139	
	Project Total				263	7,438	7,438	15,139	
A-000461	Various Airfield Project - HOU								
	8011 - HAS-Airports Improvement			500		21,800		22,300	
	Project Total			500		21,800		22,300	
A-000477	PN 604A Inter-Terminal Train-Repairs								
	8010 - HAS-Renewal & Replacement		4,800					4,800	
	REV BONDS/CP		7,200					7,200	
	Project Total		12,000					12,000	
A-000494	APM Guide Way Structural Enhancements								
	8000 - HAS-Grants		34,373	42,957	22,071	5,024	632	105,057	
	8011 - HAS-Airports Improvement		7,639	9,546	4,905	1,116	140	23,346	
	PFC		3,819	4,773	2,452	558	70	11,672	
	REV BONDS/CP		30,554	38,184	19,619	4,466	562	93,385	
	Project Total		76,385	95,460	49,047	11,164	1,404	233,460	
A-000495	Public Wi-Fi Expansion-HAS								
	8011 - HAS-Airports Improvement		3,000					3,000	
	Project Total		3,000					3,000	

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000501	PN 209 -HOBBY RESTROOM RENOVATIONS								
	8000 - HAS-Grants			3,600	4,000			7,600	
	8011 - HAS-Airports Improvement			900	1,000			1,900	
	Project Total			4,500	5,000			9,500	
A-000515	Rehab Taxiway GBIAH								
	REV BONDS/CP		36,000					36,000	
	Project Total		36,000					36,000	
A-000527	Non-Standard FAA Taxiways at HOU								
	8011 - HAS-Airports Improvement		10,000					10,000	
	Project Total		10,000					10,000	
A-000528	LA for HOU-FPA/PINPOINT HOBBY, LLC								
	8011 - HAS-Airports Improvement			2,500				2,500	
	REV BONDS/CP		27,000					27,000	
	Project Total		27,000	2,500				29,500	
A-000572	Wayfinding Garage Facilities - IAH/HOU								
	8011 - HAS-Airports Improvement			450				450	
	Project Total			450				450	
A-000574	Taxiway M Rehab								
	8000 - HAS-Grants		24,000	24,000				48,000	
	8011 - HAS-Airports Improvement		6,000	6,000				12,000	
	Project Total		30,000	30,000				60,000	
A-000628	Security Lane Backflow Prevention								
	8011 - HAS-Airports Improvement			2,087				2,087	
	Project Total			2,087				2,087	

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2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000668	Reconstruct Taxiway C - Hobby Airport								
	8011 - HAS-Airports Improvement			2,500				2,500	
	Project Total			2,500				2,500	
A-000674	SIDA BOOTH IMPROVEMENTS - HOU								
	8011 - HAS-Airports Improvement		1,200					1,200	
	Project Total		1,200					1,200	
A-000678	Passenger Wayfinding at Hobby Airport								
	8011 - HAS-Airports Improvement		6,000	801				6,801	
	Project Total		6,000	801				6,801	
A-000685	PN 950 - HOU Sanitary Sewer System								
	8000 - HAS-Grants			6,232				6,232	
	8011 - HAS-Airports Improvement			1,558				1,558	
	Project Total			7,790				7,790	
A-000689	PN 707 - Const. of Taxiway LIMA - EFD								
	8000 - HAS-Grants				8,000	15,105		23,105	
	8011 - HAS-Airports Improvement				2,000	3,776		5,776	
	Project Total				10,000	18,881		28,881	
A-000691	IAH - Central Utility Plant (CUP) Improv								
	8011 - HAS-Airports Improvement		2,650	1,300				3,950	
	REV BONDS/CP		50,350	24,700				75,050	
	Project Total		53,000	26,000				79,000	
A-000702	PN 966-Ground Transportation Mgmt Sys								
	8011 - HAS-Airports Improvement		200	3,000				3,200	
	Project Total		200	3,000				3,200	

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000712	FIS/CBP Signage and Wayfinding								
	8011 - HAS-Airports Improvement		1,412					1,412	
	Project Total		1,412					1,412	
A-000718	PN 980-IAH-AIRPORT PAVEMENT MGMT PROGR								
	8000 - HAS-Grants			4,800	4,800			9,600	
	8011 - HAS-Airports Improvement			1,200	1,200			2,400	
	Project Total			6,000	6,000			12,000	
A-000719	PN 981-HOU-AIRPORT PAVEMENT MGMT PROG								
	8011 - HAS-Airports Improvement				10,000	10,000		20,000	
	Project Total				10,000	10,000		20,000	
A-000720	PN 982 - REHAB TAXIWAY 13R-31L - HOU								
	8000 - HAS-Grants		37,500	75,000				112,500	
	REV BONDS/CP		12,500	25,000				37,500	
	Project Total		50,000	100,000				150,000	
A-000725	IAH CONSOLIDATED EMPLOYEE LOT								
	REV BONDS/CP		57,200					57,200	
	Project Total		57,200					57,200	
A-000738	GSE STORAGE/PARKING AREA								
	8011 - HAS-Airports Improvement		3,000					3,000	
	Project Total		3,000					3,000	
A-000739	IAH AIRFIELD SAFETY IMPROVE SINK-HOLES								
	8011 - HAS-Airports Improvement		16,000					16,000	
	Project Total		16,000					16,000	

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2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000740	IAH CARGO EXPANSION								
	8011 - HAS-Airports Improvement				15,594			15,594	
	Project Total				15,594			15,594	
A-000741	AIRFIELD DRAINAGE STUDY & UPGRADES								
	8011 - HAS-Airports Improvement		5,000	10,000				15,000	
	Project Total		5,000	10,000				15,000	
A-000742	IAH & HOU CONVEYANCES								
	8000 - HAS-Grants		31,708		25,600			57,308	
	8011 - HAS-Airports Improvement		7,927		6,400			14,327	
	Project Total		39,635		32,000			71,635	
A-000743	REGROOVE 15L-33R - PAVEMENT RESURFACE								
	8011 - HAS-Airports Improvement			14,000				14,000	
	Project Total			14,000				14,000	
A-000746	IAH & HOU HVAC EFFICIENCY UPGRADES								
	8000 - HAS-Grants		17,250	9,000				26,250	
	8011 - HAS-Airports Improvement		5,750	3,000				8,750	
	Project Total		23,000	12,000				35,000	
A-000747	REHABILITATION OF TWY SF - IAH								
	8000 - HAS-Grants			5,400				5,400	
	8011 - HAS-Airports Improvement			3,600				3,600	
	Project Total			9,000				9,000	
A-000751	HOU-AIRPORT EMERGENCY OPERATION CENT								
	8011 - HAS-Airports Improvement			2,500				2,500	
	Project Total			2,500				2,500	

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2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000752	HOU AIRPORT DRAINAGE CORRECTIONS								
	8011 - HAS-Airports Improvement			10,000	11,000			21,000	
	Project Total			10,000	11,000			21,000	
A-000755	RUNWAY & TAXIWAY HOLDING BAY - HOU								
	8000 - HAS-Grants				21,000	25,200		46,200	
	8011 - HAS-Airports Improvement				9,000	10,800		19,800	
	Project Total				30,000	36,000		66,000	
A-000758	HOU ROADWAY CAMERAS								
	8011 - HAS-Airports Improvement			3,000				3,000	
	Project Total			3,000				3,000	
A-000762	RUNWAY 17L-35R REHABILITATION - EFD								
	8000 - HAS-Grants		827					827	
	8011 - HAS-Airports Improvement		276					276	
	Project Total		1,103					1,103	
A-000763	EFD MISC TAXIWAY REHAB - EFD								
	8000 - HAS-Grants			1,238				1,238	
	8011 - HAS-Airports Improvement			412				412	
	Project Total			1,650				1,650	
A-000764	TERMINAL B REDEVELOPMENT PROGRAM-IAH								
	REV BONDS/CP		24,000					24,000	
	Project Total		24,000					24,000	

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CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000765	DOMESTIC TERM A REDEVELOP PROGRAM - D								
	8000 - HAS-Grants		1,000	4,000	5,000	10,000	22,500	42,500	
	8011 - HAS-Airports Improvement		6,250	15,250	18,250	33,250	67,500	140,500	
	PFC		1,000	4,000	5,000	10,000	22,500	42,500	
	REV BONDS/CP		17,500	62,500	77,500	152,500	337,500	647,500	
	Project Total		25,750	85,750	105,750	205,750	450,000	873,000	
A-000768	GENERAL SVC FACILITY(GSF) HOU								
	8011 - HAS-Airports Improvement		5,000					5,000	
	Project Total		5,000					5,000	
A-000770	HOU AIRSIDE EQUIPMENT STORAGE FACILITY								
	8011 - HAS-Airports Improvement		2,000					2,000	
	Project Total		2,000					2,000	
A-000775	HOU - TAXIWAY C REHAB								
	8000 - HAS-Grants				1,875	24,000		25,875	
	8011 - HAS-Airports Improvement			4,000	500	16,000		20,500	
	REV BONDS/CP				125			125	
	Project Total			4,000	2,500	40,000		46,500	
A-000777	HOU-TW ECHO & HOLD BAY REHAB & DEICING								
	8000 - HAS-Grants				13,200			13,200	
	REV BONDS/CP				26,800			26,800	
	Project Total				40,000			40,000	
A-000780	NEW ENVIRONMENTAL ON CALL SERVICES - H								
	8010 - HAS-Renewal & Replacement			4,000		4,000		8,000	
	Project Total			4,000		4,000		8,000	

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CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000783	IAH-PARKING GARAGES - LED LIGHTING								
	8011 - HAS-Airports Improvement		2,044					2,044	
	Project Total		2,044					2,044	
A-000784	IAH-EXPANSION-AOA-VEHICLE CHECK PT-NV53								
	8011 - HAS-Airports Improvement		600					600	
	Project Total		600					600	
A-000790	S RAMP CONSTRUCT 2nd TAXILANE ENTRANC								
	8000 - HAS-Grants		1,125					1,125	
	8011 - HAS-Airports Improvement		375					375	
	Project Total		1,500					1,500	
A-000791	DETENTION POND CONSTRUCTION								
	REV BONDS/CP				47,500			47,500	
	Project Total				47,500			47,500	
A-000792	IAH AIRFIELD DRAINAGE & DETENTION UPGRA								
	8011 - HAS-Airports Improvement		15,000		59,000			74,000	
	Project Total		15,000		59,000			74,000	
A-000793	STORM WATER POLLUTION CONTROL SYSTEM								
	8011 - HAS-Airports Improvement		17,000					17,000	
	Project Total		17,000					17,000	
A-000795	INSTALL WATER LINES - TERM A&B N TERM RD								
	8011 - HAS-Airports Improvement			5,200				5,200	
	Project Total			5,200				5,200	
A-000797	REPLACE AOA PERIMETER SECURITY FENCE-E								
	8011 - HAS-Airports Improvement					2,000		2,000	
	Project Total					2,000		2,000	

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000798	MDF HARDENING & FAILOVER SITE								
	8010 - HAS-Renewal & Replacement		9,000					9,000	
	Project Total		9,000					9,000	
A-000799	TA RENOVATION OF AOC & BADGING OFF SPA								
	8011 - HAS-Airports Improvement			6,000				6,000	
	Project Total			6,000				6,000	
A-000803	IAH CURBSIDE DIGITAL SIGNAGE								
	8011 - HAS-Airports Improvement				1,500			1,500	
	Project Total				1,500			1,500	
A-000805	IAH TERM D REPLACEMENT & REHAB PROJE								
	8000 - HAS-Grants		16,640					16,640	
	8011 - HAS-Airports Improvement		7,132					7,132	
	Project Total		23,772					23,772	
A-000806	LANDSIDE CAMERA SURVEILLANCE GAP-HOU								
	8011 - HAS-Airports Improvement			4,000				4,000	
	Project Total			4,000				4,000	
A-000807	AIRFIELD S RAMP TRENCH DRAIN REPAIRS-IAH								
	8011 - HAS-Airports Improvement		5,000		10,000			15,000	
	Project Total		5,000		10,000			15,000	
A-000808	HPD PERMANENT FACILITY - IAH								
	8011 - HAS-Airports Improvement			2,000	13,000			15,000	
	Project Total			2,000	13,000			15,000	

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000809	HOU TAXIWAY N EXTENSION								
	8000 - HAS-Grants		5,250					5,250	
	8011 - HAS-Airports Improvement		1,750					1,750	
	Project Total		7,000					7,000	
A-000811	ON-CALL AVIATION PLANNING SVC-HAS								
	8010 - HAS-Renewal & Replacement		5,000	5,000	5,000	5,000	5,000	25,000	
	Project Total		5,000	5,000	5,000	5,000	5,000	25,000	
A-000813	RUNWAY 15L-33R INF WORK ORDER ASSESSM								
	8000 - HAS-Grants						14,070	14,070	
	8011 - HAS-Airports Improvement						6,930	6,930	
	Project Total						21,000	21,000	
A-000814	FIS BHS FULL REPLACEMENT - GBIAH								
	8000 - HAS-Grants				26,367			26,367	
	8011 - HAS-Airports Improvement				6,592			6,592	
	Project Total				32,959			32,959	
A-000815	TERM A SWITCHGEARS INF WORK ORDER ASS								
	8011 - HAS-Airports Improvement			11,858				11,858	
	Project Total			11,858				11,858	
A-000816	RUNWAY 15R-33L RECONSTRUCT & EXTENSIO								
	8000 - HAS-Grants			30,000	45,000	57,000	45,000	177,000	
	REV BONDS/CP			10,000	15,000	19,000	15,000	59,000	
	Project Total			40,000	60,000	76,000	60,000	236,000	

AVIATION FACILITIES - Summary of Funds
2027-2031 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2027-2031	
			2027	2028	2029	2030	2031		
A-000817	NORTH & WEST VAULTS - GBIAH								
	8000 - HAS-Grants						12,085	12,085	
	8011 - HAS-Airports Improvement						28,197	28,197	
	Project Total						40,282	40,282	
A-000818	LA-3 PROPERTIES-LOCKHEED AVE ALONG AO								
	8011 - HAS-Airports Improvement			984				984	
	Project Total			984				984	
A-000819	HOU EMERGENCY CALL BOXES REPLACEMEN								
	8011 - HAS-Airports Improvement		1,184					1,184	
	Project Total		1,184					1,184	
A-000822	REHABILITATION OF TAXIWAY WP - GBIAH								
	8000 - HAS-Grants			6,000				6,000	
	8011 - HAS-Airports Improvement			4,000				4,000	
	Project Total			10,000				10,000	
Total Appropriations:			594,985	526,863	550,446	442,366	585,124	2,699,784	

AVIATION - Department Related Projects
2026-2030 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							2026-2030
			2026	2027	2028	2029	2030	
W-28ADSP	HAS - Admin Support / Operations							
	8012 - HAS-AIF Capital Outlay		739					739
	Project Total		739					739
W-28ERES	HAS - Emergency Response							
	8012 - HAS-AIF Capital Outlay		4,474					4,474
	Project Total		4,474					4,474
W-28MTOP	HAS - Maintenance Operations							
	8012 - HAS-AIF Capital Outlay		4,776					4,776
	Project Total		4,776					4,776
	Total Appropriations:		9,989					9,989