



AVIATION FACILITIES

Aviation Facilities

Planned CIP

Planned appropriations for the Fiscal Year 2022 - 2026. Adopted Capital Improvement Plan are projected to reach \$1.4 billion. The George Bush Intercontinental Airport (IAH) International Terminal Redevelopment Program (ITRP) dominates the five-year CIP representing 47%; Terminal A Modernization and Expansion 4%; airfield projects represent 27%; while infrastructure projects represent 20%; garage projects represent 1% 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 IAH Master Plan recommended installation of more aircraft gates, and improved terminal facilities designed to improve the passenger experience. As a result, the major IAH terminal project scheduled in the five-year CIP is ITRP which redevelops the International Terminal D with more gates to handle the large wide body aircraft and consolidates international check in processes in a new facility.

The Terminal A Modernization project includes Early and Enabling projects associated with Curbside capacity improvements which will correct the current level of service deficiencies at Arrival and Departure Curbsides for both private and commercial vehicles.

Airfield projects at IAH include rehabilitation of Taxiway RA, RB, SA, SB; Rehabilitation and Expansion of ARFF Station 92, Airfield Electrical, RON Parking at Terminal A and Central Cargo.

Other projects at IAH are Rehab Storm water pollution control system, Central Utility Plant Improvements, construction of flyover bridge, construction of Kenswick intersection and storm water detention pond.

Projects planned at HOU include: Non-standard taxiways associated with Runway 17-35 decommissioning; and Expansion of ARFF Station 81, Sanitary sewer system and flooring in central concourse.

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

Funding for the Airport Facilities CIP

The Fiscal Year 2022 - 2026 Airport Facilities CIP is being funded from various sources including the Airports Improvement Fund (AIF, Fund 8011), Airports Renewal and Replacement Fund (R&R, Fund 8010), 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 (PFC's).

Project Allocation	Fiscal Year Planned Appropriations					2022-2026
	2022	2023	2024	2025	2026	
Planning	320					320
Acquisition-Land						
Design	128,880	70,691				199,571
Construction	733,218	237,695	112,425	3,579		1,086,917
Equipment Acquisition						
Salary Recovery						
Other	98,409	17,212	5,000			120,621
Total Allocation	960,827	325,598	117,425	3,579		1,407,429
Source of Funds						
8000 - HAS-Grants	169,693	109,865	52,965			332,523
8010 - HAS-Renewal & Replacement	2,267					2,267
8011 - HAS-Airports Improvement	67,781	47,750				115,531
REV BONDS/CP	721,086	167,983	64,460	3,579		957,108
Total Funds	960,827	325,598	117,425	3,579		1,407,429

AVIATION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project		Fiscal Year Planned Appropriations					2022-2026	
			2022	2023	2024	2025	2026		
A-000422	Civic Art for Aviation-HAS								
	8011 - HAS-Airports Improvement		5,691					5,691	
	Project Total		5,691					5,691	
A-000423	Gen. Environmental Svc-Storm Water - HAS								
	REV BONDS/CP			6,270				6,270	
	Project Total			6,270				6,270	
A-000513	Airport Pavement Replacement								
	REV BONDS/CP		6,793					6,793	
	Project Total		6,793					6,793	
A-000515	Rehab Taxiway SA,SB & RA - GBIAH								
	8000 - HAS-Grants		28,090	56,900				84,990	
	REV BONDS/CP		9,360	18,963				28,323	
	Project Total		37,450	75,863				113,313	
A-000527	Non-Standard FAA Taxiways at HOU								
	8000 - HAS-Grants		41,603					41,603	
	8011 - HAS-Airports Improvement		1,590					1,590	
	Project Total		43,193					43,193	
A-000530	MOA-SW Mx - TSA/HPD Bunkers at HOU								
	REV BONDS/CP		3,302					3,302	
	Project Total		3,302					3,302	
A-000558	Curb to Gate Passenger Processing Sys								
	REV BONDS/CP			5,049	5,000			10,049	
	Project Total			5,049	5,000			10,049	

AVIATION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
A-000580	Hobby Drainage & Roadway Flooding - HOU								
	REV BONDS/CP						3,579		3,579
	Project Total						3,579		3,579
A-000581	Terminal A Modernization Program								
	8011 - HAS-Airports Improvement		5,500	19,500					25,000
	REV BONDS/CP			37,307					37,307
	Project Total		5,500	56,807					62,307
A-000590	Rehabilitate and Expand ARFF Station-HAS								
	REV BONDS/CP		15,857	12,474					28,331
	Project Total		15,857	12,474					28,331
A-000608	Data Center AOC - HAS								
	REV BONDS/CP		3,609						3,609
	Project Total		3,609						3,609
A-000611	PMO Shell Space Buildout for BSG								
	REV BONDS/CP		943						943
	Project Total		943						943
A-000621	Curb to Gate Passenger Processing Sys								
	REV BONDS/CP		662						662
	Project Total		662						662
A-000628	Security Lane Backflow Prevention								
	REV BONDS/CP		9,501						9,501
	Project Total		9,501						9,501
A-000636	Parking Revenue Control System - HAS								
	REV BONDS/CP		8,213						8,213
	Project Total		8,213						8,213

AVIATION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
A-000641	IAH & HOU Interactive Visitor Kiosks								
	REV BONDS/CP		500					500	
	Project Total		500					500	
A-000669	IAH Flyover Bridge Reconstruction								
	REV BONDS/CP		3,500					3,500	
	Project Total		3,500					3,500	
A-000670	Kenswick Intersection - GBIAH								
	REV BONDS/CP		3,130					3,130	
	Project Total		3,130					3,130	
A-000672	CCTV Upgrades - Hobby Airport								
	REV BONDS/CP		2,000					2,000	
	Project Total		2,000					2,000	
A-000678	Passenger Wayfinding at Hobby Airport								
	REV BONDS/CP		43					43	
	Project Total		43					43	
A-000683	PN 948-Axiom Spaceport Development								
	REV BONDS/CP		40,196					40,196	
	Project Total		40,196					40,196	
A-000684	PN 949 - Project Anchor								
	REV BONDS/CP		25,600					25,600	
	Project Total		25,600					25,600	
A-000685	PN 950 - HOU Sanitary Sewer System								
	REV BONDS/CP			10,670				10,670	
	Project Total			10,670				10,670	

AVIATION FACILITIES - Summary of Funds
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
A-000686	IAH Detention Pond								
	REV BONDS/CP		3,850					3,850	
	Project Total		3,850					3,850	
A-000687	PN 952 - IAH Airfield Electrical								
	8011 - HAS-Airports Improvement		5,000	23,250				28,250	
	REV BONDS/CP			25,000				25,000	
	Project Total		5,000	48,250				53,250	
A-000688	PN 953 Management Offices - Term A								
	8010 - HAS-Renewal & Replacement		699					699	
	Project Total		699					699	
A-000689	PN 707 - Const. of Taxiway LIMA - EFD								
	8000 - HAS-Grants			52,965	52,965			105,930	
	REV BONDS/CP			5,885	5,885			11,770	
	Project Total			58,850	58,850			117,700	
A-000690	PN 954 - Drainage Structure Repairs								
	REV BONDS/CP		1,700					1,700	
	Project Total		1,700					1,700	
A-000691	IAH - Central Utility Plant (CUP) Improv								
	8011 - HAS-Airports Improvement			5,000				5,000	
	REV BONDS/CP				53,575			53,575	
	Project Total			5,000	53,575			58,575	
A-000692	PN 956 - Hobby Domestic Water Resiliency								
	REV BONDS/CP		100	965				1,065	
	Project Total		100	965				1,065	

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CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
A-000693	PN 957-Central Concourse Tile Flooring								
	REV BONDS/CP		4,260					4,260	
	Project Total		4,260					4,260	
A-000694	PN-958 Digital Oculus & Video Walls- IAH								
	REV BONDS/CP			10,000				10,000	
	Project Total			10,000				10,000	
A-000695	PN 959 - FIS Monitor Replacement								
	REV BONDS/CP		50					50	
	Project Total		50					50	
A-000696	PN 960 - Extension of Ecopark Canopy								
	REV BONDS/CP		478					478	
	Project Total		478					478	
A-000697	PN 961-Smart Mothers Rooms (INFAX iPads)								
	REV BONDS/CP		320					320	
	Project Total		320					320	
A-000698	PN 962-Smart Restrooms -West Concourse								
	REV BONDS/CP		534					534	
	Project Total		534					534	
A-000699	PN 963-FIDS/BIDS Upgrades								
	REV BONDS/CP		2,130					2,130	
	Project Total		2,130					2,130	
A-000701	PN 965-Concessions Work at IAH & HOU								
	8011 - HAS-Airports Improvement		50,000					50,000	
	REV BONDS/CP		20,000					20,000	
	Project Total		70,000					70,000	

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CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
A-000702	PN 966-Ground Transportation Mgmt Sys								
	REV BONDS/CP		1,165					1,165	
	Project Total		1,165					1,165	
A-000707	Skyway Floor Replacement Term. A & B								
	8010 - HAS-Renewal & Replacement		1,568					1,568	
	Project Total		1,568					1,568	
A-000708	SIDA Booth Replacement at AOA Gate NV13								
	REV BONDS/CP		505					505	
	Project Total		505					505	
A-000709	IAH Term A-Arrival & Depart Door Replace								
	REV BONDS/CP		1,231					1,231	
	Project Total		1,231					1,231	
A-000711	IAH Gate A20 Phase 2								
	REV BONDS/CP		450					450	
	Project Total		450					450	
A-000712	FIS/CBP Signage and Wayfinding								
	REV BONDS/CP		1,370					1,370	
	Project Total		1,370					1,370	
A-000713	RON Parking Terminal A								
	REV BONDS/CP			23,237				23,237	
	Project Total			23,237				23,237	
A-000800	Executive Program Manager Services-ITRP								
	8000 - HAS-Grants		100,000					100,000	
	REV BONDS/CP		549,734	12,163				561,897	
	Project Total		649,734	12,163				661,897	

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CIP No.	Project							2022-2026	
			2022	2023	2024	2025	2026		
Total Appropriations:			960,827	325,598	117,425	3,579	1,407,429		

AVIATION - Department Related Projects
2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)

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

Section	Project						2022-2026
CIP No.		2022	2023	2024	2025	2026	
Fleet							
W-28ADSP	HAS - Admin Support / Operations						
	8012 - HAS-AIF Capital Outlay	656					656
	Project Total	656					656
W-28ERES	HAS - Emergency Response						
	8012 - HAS-AIF Capital Outlay	3,700					3,700
	Project Total	3,700					3,700
W-28MTOP	HAS - Maintenance Operations						
	8012 - HAS-AIF Capital Outlay	7,380					7,380
	Project Total	7,380					7,380
	Total Appropriations:	11,736					11,736



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