



## 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
<b>Total Allocation</b>	<b>960,827</b>	<b>325,598</b>	<b>117,425</b>	<b>3,579</b>		<b>1,407,429</b>
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
<b>Total Funds</b>	<b>960,827</b>	<b>325,598</b>	<b>117,425</b>	<b>3,579</b>		<b>1,407,429</b>

**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	
<b>A-000422</b>	<b>Civic Art for Aviation-HAS</b>							
	8011 - HAS-Airports Improvement		5,691				5,691	
		<b>Project Total</b>	5,691				5,691	
<b>A-000423</b>	<b>Gen. Environmental Svc-Storm Water - HAS</b>							
	REV BONDS/CP			6,270			6,270	
		<b>Project Total</b>	6,270				6,270	
<b>A-000513</b>	<b>Airport Pavement Replacement</b>							
	REV BONDS/CP		6,793				6,793	
		<b>Project Total</b>	6,793				6,793	
<b>A-000515</b>	<b>Rehab Taxiway SA,SB &amp; RA - GBIAH</b>							
	8000 - HAS-Grants		28,090	56,900			84,990	
	REV BONDS/CP		9,360	18,963			28,323	
		<b>Project Total</b>	37,450	75,863			113,313	
<b>A-000527</b>	<b>Non-Standard FAA Taxiways at HOU</b>							
	8000 - HAS-Grants		41,603				41,603	
	8011 - HAS-Airports Improvement		1,590				1,590	
		<b>Project Total</b>	43,193				43,193	
<b>A-000530</b>	<b>MOA-SW Mx - TSA/HPD Bunkers at HOU</b>							
	REV BONDS/CP		3,302				3,302	
		<b>Project Total</b>	3,302				3,302	
<b>A-000558</b>	<b>Curb to Gate Passenger Processing Sys</b>							
	REV BONDS/CP		5,049	5,000			10,049	
		<b>Project Total</b>	5,049	5,000			10,049	

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2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

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

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

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2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

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

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

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

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

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



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