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## AVIATION FACILITIES 2022-2026 CAPITAL IMPROVEMENT PLAN

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CIP No.	Project	Page
A-000513	Airport Pavement Replacement	5
A-000672	CCTV Upgrades - Hobby Airport	21
A-000422	Civic Art for Aviation-HAS	3
A-000558	Curb to Gate Passenger Processing Sys	9
A-000621	Curb to Gate Passenger Processing Sys	15
A-000608	Data Center AOC - HAS	13
A-000800	Executive Program Manager Services-ITRP	48
A-000712	FIS/CBP Signage and Wayfinding	46
A-000423	Gen. Environmental Svc-Storm Water - HAS	4
A-000580	Hobby Drainage & Roadway Flooding - HOU	10
A-000691	IAH - Central Utility Plant (CUP) Improv	31
A-000641	IAH & HOU Interactive Visitor Kiosks	18
A-000686	IAH Detention Pond	26
A-000669	IAH Flyover Bridge Reconstruction	19
A-000711	IAH Gate A20 Phase 2	45
A-000709	IAH Term A-Arrival & Depart Door Replace	44
A-000670	Kenswick Intersection - GBIAH	20
A-000530	MOA-SW Mx - TSA/HPD Bunkers at HOU	8
A-000527	Non-Standard FAA Taxiways at HOU	7
A-000636	Parking Revenue Control System - HAS	17
A-000678	Passenger Wayfinding at Hobby Airport	22
A-000611	PMO Shell Space Buildout for BSG	14
A-000689	PN 707 - Const. of Taxiway LIMA - EFD	29
A-000683	PN 948-Axiom Spaceport Development	23



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## AVIATION FACILITIES 2022-2026 CAPITAL IMPROVEMENT PLAN

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CIP No.	Project	Page
A-000684	PN 949 - Project Anchor	24
A-000685	PN 950 - HOU Sanitary Sewer System	25
A-000687	PN 952 - IAH Airfield Electrical	27
A-000688	PN 953 Management Offices - Term A	28
A-000690	PN 954 - Drainage Structure Repairs	30
A-000692	PN 956 - Hobby Domestic Water Resiliency	32
A-000693	PN 957-Central Concourse Tile Flooring	33
A-000695	PN 959 - FIS Monitor Replacement	35
A-000696	PN 960 - Extension of Ecopark Canopy	36
A-000697	PN 961-Smart Mothers Rooms (INFAX iPads)	37
A-000698	PN 962-Smart Restrooms -West Concourse	38
A-000699	PN 963-FIDS/BIDS Upgrades	39
A-000701	PN 965-Concessions Work at IAH & HOU	40
A-000702	PN 966-Ground Transportation Mgmt Sys	41
A-000694	PN-958 Digital Oculus & Video Walls- IAH	34
A-000515	Rehab Taxiway SA,SB & RA - GBIAH	6
A-000590	Rehabilitate and Expand ARFF Station-HAS	12
A-000713	RON Parking Terminal A	47
A-000628	Security Lane Backflow Prevention	16
A-000708	SIDA Booth Replacement at AOA Gate NV13	43
A-000707	Skyway Floor Replacement Term. A & B	42
A-000581	Terminal A Modernization Program	11



**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Civic Art for Aviation-HAS HOUSTON AIRPORT SYSTEM	Project No.	A-000422	
<b>Project Description</b>			
Incorporate artwork in building projects planned for public use.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code:	UA-00	Sub-Category:
<b>Project Justification</b>			
Incorporate artwork in building projects planned for public use.	Units:	0	
	Start Year:	2021	
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design	14,412							14,412
Construction		5,691					5,691	5,691
Equipment Acquisition								
Salary Recovery								
Other								0
<b>Total Allocation</b>	<b>14,412</b>	<b>5,691</b>					<b>5,691</b>	<b>20,103</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement	14,412	5,691					5,691	20,103
<b>Total Funds</b>	<b>14,412</b>	<b>5,691</b>					<b>5,691</b>	<b>20,103</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Gen. Environmental Svc-Storm Water - HAS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000423	
<b>Project Description</b>				
Rehabilitate and/or replace the IAH storm water pollution control systems' structures utilizing the best management practices to maintain compliance with the Texas Commission on Environmental Quality (TCEQ), Texas Point Discharge Elimination System (TPDES), and Storm Water Pollution Prevention Plan (SWPPP).	<b>City Council District</b>			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Existing storm water pollution control structural systems (environmental lift stations) at IAH do not meet current capacity and operational requirements to ensure continued compliance with TCEQ, TPDES, and SWPPP requirements.	Units:	0		
	Start Year:	2021		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design	4,515		6,270				6,270	10,785
Construction								0
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>4,515</b>		<b>6,270</b>				<b>6,270</b>	<b>10,785</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement	4,515							4,515
REV BONDS/CP			6,270				6,270	6,270
<b>Total Funds</b>	<b>4,515</b>		<b>6,270</b>				<b>6,270</b>	<b>10,785</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Airport Pavement Replacement HOUSTON AIRPORT SYSTEM	Project No.		A-000513	
<b>Project Description</b>  Replacement/renewal of pavement on runways, taxiways, apron, garages and roads due to unforeseen circumstances or when minor immediate work is needed.	<b>City Council District</b>			
	Location	B,E,I	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>  To fund projects which need immediate action to replace the pavement when unforeseen events occur.				
	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		6,793					6,793	6,793
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>6,793</b>					<b>6,793</b>	<b>6,793</b>
<b>Source of Funds</b>								
REV BONDS/CP		6,793					6,793	6,793
<b>Total Funds</b>		<b>6,793</b>					<b>6,793</b>	<b>6,793</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Rehab Taxiway SA,SB & RA - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000515	
<b>Project Description</b>				
Taxiway Rehabilitation of RA, RB, SA, SB and associated Pavements at IAH.	<b>City Council District</b>			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Taxiway SA and SB have reached their ten-year life expectancy. The western end of Taxiway RA has experienced severe delamination requiring multiple panel repairs to remain open. Complete reconstruction of this section is needed.	Units:	0		
	Start Year:	2021		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design	5,669							5,669
Construction		37,450	75,863				113,313	113,313
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>5,669</b>	<b>37,450</b>	<b>75,863</b>				<b>113,313</b>	<b>118,982</b>
<b>Source of Funds</b>								
8000 - HAS-Grants		28,090	56,900				84,990	84,990
8011 - HAS-Airports Improvement	5,669							5,669
REV BONDS/CP		9,360	18,963				28,323	28,323
<b>Total Funds</b>	<b>5,669</b>	<b>37,450</b>	<b>75,863</b>				<b>113,313</b>	<b>118,982</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Non-Standard FAA Taxiways at HOU WILLIAM P. HOBBY AIRPORT	Project No.	A-000527	
<b>Project Description</b>			
Rehabilitation of Taxiway D, E, K1. This will bring Taxiway D, E & G into compliance with FAA standards.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Taxiway E is the primary taxiway from the international terminal and the adjacent to runway 12R and adjacent domestic concourse. Rehab of D & E is to match with the FAA guide lines for intersection of taxiway and runway alignments.	Units:	0	
	Start Year:	2021	
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design	1,035							1,035
Construction	28,051	43,193					43,193	71,244
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>29,086</b>	<b>43,193</b>					<b>43,193</b>	<b>72,279</b>
<b>Source of Funds</b>								
8000 - HAS-Grants	28,051	41,603					41,603	69,654
8011 - HAS-Airports Improvement	1,035	1,590					1,590	2,625
<b>Total Funds</b>	<b>29,086</b>	<b>43,193</b>					<b>43,193</b>	<b>72,279</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: MOA-SW Mx - TSA/HPD Bunkers at HOU WILLIAM P. HOBBY AIRPORT	Project No.	A-000530	
<b>Project Description</b>			
Memorandum of Agreement with Southwest Airlines for a Maintenance Hangar Development at William P. Hobby Airport. Includes Design and Construct TSA & HPD Offices and K9 Kennels at 9311 Telephone Road.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Southwest Airlines has a need to develop additional facilities at Hobby to handle aircraft maintenance and associated support functions on the south sector of Hobby Airport.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		3,302					3,302	3,302
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,302</b>					<b>3,302</b>	<b>3,302</b>
<b>Source of Funds</b>								
REV BONDS/CP		3,302					3,302	3,302
<b>Total Funds</b>		<b>3,302</b>					<b>3,302</b>	<b>3,302</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Curb to Gate Passenger Processing Sys HOUSTON AIRPORT SYSTEM	Project No.	A-000558	
<b>Project Description</b>			
To implement a complete curb-to-gate common use passenger processing system.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code:	UA-00	Sub-Category:
<b>Project Justification</b>			
For future of air travel, passenger convenience, and security made possible by advances in technology and governmental regulations.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other			5,049	5,000			10,049	10,049
<b>Total Allocation</b>			<b>5,049</b>	<b>5,000</b>			<b>10,049</b>	<b>10,049</b>
<b>Source of Funds</b>								
REV BONDS/CP			5,049	5,000			10,049	10,049
<b>Total Funds</b>			<b>5,049</b>	<b>5,000</b>			<b>10,049</b>	<b>10,049</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Hobby Drainage & Roadway Flooding - HOU WILLIAM P. HOBBY AIRPORT	Project No.	A-000580	
<b>Project Description</b>			
This project will provide drainage improvements at Hobby Airport.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Flooding is a major problem at Hobby preventing passengers from arriving at the terminal to catch their flight.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction					3,579		3,579	3,579
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>3,579</b>		<b>3,579</b>	<b>3,579</b>
<b>Source of Funds</b>								
REV BONDS/CP					3,579		3,579	3,579
<b>Total Funds</b>					<b>3,579</b>		<b>3,579</b>	<b>3,579</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Terminal A Modernization Program GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000581	
<b>Project Description</b>			
Replace the existing Building Management System in Terminal A with a system to provide automated and scheduling management of energy-consuming systems such as Heating, Ventilation, Air Conditioning (HVAC), electrical and lighting distribution systems.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
The existing system provides no means for automated control of building systems, which negatively impacts customer service and limits the Airport's ability to implement energy conservation/cost reduction programs.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		5,500	56,807				62,307	62,307
Construction								0
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>5,500</b>	<b>56,807</b>				<b>62,307</b>	<b>62,307</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement		5,500	19,500				25,000	25,000
REV BONDS/CP			37,307				37,307	37,307
<b>Total Funds</b>		<b>5,500</b>	<b>56,807</b>				<b>62,307</b>	<b>62,307</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Rehabilitate and Expand ARFF Station-HAS HOUSTON AIRPORT SYSTEM	Project No.	A-000590	
<b>Project Description</b>			
Rehabilitate and expand stations including new vehicles bays, dormitory space, training area and offices to support Aircraft Rescue and Fire Fighting (ARFF).	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
ARFF Station 92 at IAH and 81 at HOU are over 20 years old. The station utilities are approaching their intended useful life and require replacement and upgrading.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		1,320					1,320	1,320
Construction		14,537	12,474				27,011	27,011
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>15,857</b>	<b>12,474</b>				<b>28,331</b>	<b>28,331</b>
<b>Source of Funds</b>								
REV BONDS/CP		15,857	12,474				28,331	28,331
<b>Total Funds</b>		<b>15,857</b>	<b>12,474</b>				<b>28,331</b>	<b>28,331</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Data Center AOC - HAS HOUSTON AIRPORT SYSTEM		Project No.		A-000608	
<b>Project Description</b>					
Data center for Network and Cloud Redundancy.		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Safety and Security of Important Information.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		3,609					3,609	3,609
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,609</b>					<b>3,609</b>	<b>3,609</b>
<b>Source of Funds</b>								
REV BONDS/CP		3,609					3,609	3,609
<b>Total Funds</b>		<b>3,609</b>					<b>3,609</b>	<b>3,609</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PMO Shell Space Buildout for BSG GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000611	
<b>Project Description</b>			
The 4,200 SF Shell Space in the Project Management Operations (PMO) Building is to be built into office space for Building Standards Group (BSG).	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
To facilitate the move of Building Standards Group of Infrastructure Division out of Supply Chain Management Building.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		943					943	943
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>943</b>					<b>943</b>	<b>943</b>
<b>Source of Funds</b>								
REV BONDS/CP		943					943	943
<b>Total Funds</b>		<b>943</b>					<b>943</b>	<b>943</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Curb to Gate Passenger Processing Sys HOUSTON AIRPORT SYSTEM	Project No.	A-000621	
<b>Project Description</b>			
Project is to replace the current core components of current public address (PA) system at IAH and HOU.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
The current core components are aging and no longer practical to maintain public address functionality. It is the primary method of communication between airlines and passengers in gate hold room areas. It is also one of the mechanisms for communicating information related to passenger safety and security.	Units:	0	
	Start Year:	2021	
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		662					662	662
Equipment Acquisition								
Salary Recovery								
Other	3,046							3,046
<b>Total Allocation</b>	<b>3,046</b>	<b>662</b>					<b>662</b>	<b>3,708</b>
<b>Source of Funds</b>								
REV BONDS/CP		662					662	662
<b>Total Funds</b>	<b>3,046</b>	<b>662</b>					<b>662</b>	<b>3,708</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Security Lane Backflow Prevention HOUSTON AIRPORT SYSTEM	Project No.	A-000628	
<b>Project Description</b>			
Development of Security Exit Backflow Prevention at the terminal exit lanes at IAH and Hobby.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
IAH Management has put forth an initiative to proceed with installing Security Exit Backflow Prevention systems to save on costs of HAS paid staff at the exit lanes after the security checkpoints are closed.	Units:	0	
	Start Year:	2017	
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		1,092					1,092	1,092
Construction	684	8,409					8,409	9,093
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>684</b>	<b>9,501</b>					<b>9,501</b>	<b>10,185</b>
<b>Source of Funds</b>								
REV BONDS/CP		9,501					9,501	9,501
<b>Total Funds</b>	<b>684</b>	<b>9,501</b>					<b>9,501</b>	<b>10,185</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Parking Revenue Control System - HAS HOUSTON AIRPORT SYSTEM	Project No.		A-000636	
<b>Project Description</b>				
Provide a new parking system to replace the Amano McGann system currently in place. Project includes hardware and software to receive and process all the revenues for all parking facilities.	<b>City Council District</b>			
	Location	B,E,I	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
The parking and revenue control equipment currently being used is over 13 years old and while HAS kept current with software updates, the hardware is outdated and some of the software functionality, needed to provide better customer service, is not supported by the current hardware.	Units:	0		
	Start Year:	2021		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other	2,200	8,213					8,213	10,413
<b>Total Allocation</b>	<b>2,200</b>	<b>8,213</b>					<b>8,213</b>	<b>10,413</b>
<b>Source of Funds</b>								
REV BONDS/CP		8,213					8,213	8,213
<b>Total Funds</b>	<b>2,200</b>	<b>8,213</b>					<b>8,213</b>	<b>10,413</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH & HOU Interactive Visitor Kiosks HOUSTON AIRPORT SYSTEM	Project No.	A-000641	
<b>Project Description</b>			
Install additional Interactive Visitors Kiosks at IAH & HOU Airport.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code:	UA-00	Sub-Category:
<b>Project Justification</b>			
Customer Service.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		500					500	500
<b>Total Allocation</b>		<b>500</b>					<b>500</b>	<b>500</b>
<b>Source of Funds</b>								
REV BONDS/CP		500					500	500
<b>Total Funds</b>		<b>500</b>					<b>500</b>	<b>500</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH Flyover Bridge Reconstruction GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000669	
<b>Project Description</b>			
Reconstruct the bridge deck and replace the existing parapet on the existing flyover bridge on Will Clayton Parkway to JFK Boulevard at George Bush Intercontinental Airport (IAH).	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Safety Issue, number of accidents have been reported.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		3,500					3,500	3,500
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,500</b>					<b>3,500</b>	<b>3,500</b>
<b>Source of Funds</b>								
REV BONDS/CP		3,500					3,500	3,500
<b>Total Funds</b>		<b>3,500</b>					<b>3,500</b>	<b>3,500</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Kenswick Intersection - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000670	
<b>Project Description</b>			
This is for the construction of an intersection at Kenswick Drive and Eastbound Will Clayton Pkwy.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
The purpose of this initiative is to create a safer and less congested traffic condition at this location. The benefit being safer vehicular turning movements and improved access to IAH from the east side of the airport.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		3,130					3,130	3,130
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,130</b>					<b>3,130</b>	<b>3,130</b>
<b>Source of Funds</b>								
REV BONDS/CP		3,130					3,130	3,130
<b>Total Funds</b>		<b>3,130</b>					<b>3,130</b>	<b>3,130</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: CCTV Upgrades - Hobby Airport WILLIAM P. HOBBY AIRPORT		Project No.		A-000672	
<b>Project Description</b>					
Closed-circuit television (CCTV) upgrades will provide additional coverage to interior and exterior areas of Hobby Airport.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The upgrades will provide better customer service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		2,000					2,000	2,000
<b>Total Allocation</b>		<b>2,000</b>					<b>2,000</b>	<b>2,000</b>
<b>Source of Funds</b>								
REV BONDS/CP		2,000					2,000	2,000
<b>Total Funds</b>		<b>2,000</b>					<b>2,000</b>	<b>2,000</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Passenger Wayfinding at Hobby Airport WILLIAM P. HOBBY AIRPORT		Project No.		A-000678	
<b>Project Description</b>					
Additional Interactive Visitor Kiosks (IVKs) are needed for passenger wayfinding. Currently HOU has the bare minimum number of IVKs.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Inadequate passenger wayfinding.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		43					43	43
<b>Total Allocation</b>		<b>43</b>					<b>43</b>	<b>43</b>
<b>Source of Funds</b>								
REV BONDS/CP		43					43	43
<b>Total Funds</b>		<b>43</b>					<b>43</b>	<b>43</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 948-Axiom Spaceport Development ELLINGTON AIRPORT	Project No.		A-000683	
<b>Project Description</b>				
Project related to the development of the Houston Spaceport at Ellington Airport.	<b>City Council District</b>			
	Location	E	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Spaceport Development.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		40,196					40,196	40,196
<b>Total Allocation</b>		<b>40,196</b>					<b>40,196</b>	<b>40,196</b>
<b>Source of Funds</b>								
REV BONDS/CP		40,196					40,196	40,196
<b>Total Funds</b>		<b>40,196</b>					<b>40,196</b>	<b>40,196</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 949 - Project Anchor ELLINGTON AIRPORT		Project No.		A-000684	
<b>Project Description</b>					
Project related to the development of the Houston Spaceport at Ellington Airport.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Spaceport Development.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		25,600					25,600	25,600
<b>Total Allocation</b>		<b>25,600</b>					<b>25,600</b>	<b>25,600</b>
<b>Source of Funds</b>								
REV BONDS/CP		25,600					25,600	25,600
<b>Total Funds</b>		<b>25,600</b>					<b>25,600</b>	<b>25,600</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 950 - HOU Sanitary Sewer System WILLIAM P. HOBBY AIRPORT	Project No.	A-000685	
<b>Project Description</b>			
Project is to investigate and determine a solution for the sanitary sewer issues being experienced at Hobby Airport, causing sewer backups. Architect/Engineer team will provide near-term and long-term solutions.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Sanitary sewer issues being experienced at Hobby Airport, causing sewer backups.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design			1,000				1,000	1,000
Construction			9,670				9,670	9,670
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>10,670</b>				<b>10,670</b>	<b>10,670</b>
<b>Source of Funds</b>								
REV BONDS/CP			10,670				10,670	10,670
<b>Total Funds</b>			<b>10,670</b>				<b>10,670</b>	<b>10,670</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH Detention Pond GEORGE BUSH INTERCONTINENTAL AIRPORT		Project No.		A-000686	
<b>Project Description</b>					
Construction of storm water detention pond to accommodate future expansion in the IAH Central Terminal Area and for the domestic Redevelopment Program.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Infrastructure design standards to provide storm water mitigation for development projects.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		3,850					3,850	3,850
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,850</b>					<b>3,850</b>	<b>3,850</b>
<b>Source of Funds</b>								
REV BONDS/CP		3,850					3,850	3,850
<b>Total Funds</b>		<b>3,850</b>					<b>3,850</b>	<b>3,850</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 952 - IAH Airfield Electrical GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000687	
<b>Project Description</b>			
Repair and Rehabilitate the existing building and electrical systems at IAH South Airfield. Replacement of the existing electrical equipment in the vault. A new electrical service yard will contain standby generator, diesel tank and air cooled condensers.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Repair and Rehabilitate the existing building and electrical systems at IAH South Airfield. Replacement of the existing electrical equipment in the vault. A new electrical service yard will contain standby generator, diesel tank and air cooled condensers.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		5,000					5,000	5,000
Construction			48,250				48,250	48,250
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>5,000</b>	<b>48,250</b>				<b>53,250</b>	<b>53,250</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement		5,000	23,250				28,250	28,250
REV BONDS/CP			25,000				25,000	25,000
<b>Total Funds</b>		<b>5,000</b>	<b>48,250</b>				<b>53,250</b>	<b>53,250</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 953 Management Offices - Term A GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000688	
<b>Project Description</b>			
Renovation of office space at IAH Terminal A mezzanine for Terminal Management, Customer Service Staff. Space should include offices, break room, training/briefing room, storage room, and locker area with appropriate IT and security.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Invest in our Partnerships and Employees.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		699					699	699
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>699</b>					<b>699</b>	<b>699</b>
<b>Source of Funds</b>								
8010 - HAS-Renewal & Replacement		699					699	699
<b>Total Funds</b>		<b>699</b>					<b>699</b>	<b>699</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 707 - Const. of Taxiway LIMA - EFD ELLINGTON AIRPORT	Project No.	A-000689	
<b>Project Description</b>			
This project will construct a new 75-foot wide Taxiway L parallel to EFD Runway 4-22. The taxiway alignment will intersect at the northeast end of Runway 4-22 and turn 90 degrees before running southwest parallel to Runway 4-22 until it reaches a distance of 400 feet from Runway 17-35.	<b>City Council District</b>		
	Location	E	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77034
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Mandated this taxiway will be new construction as Taxiway L does not exist yet. The new taxiway will provide airport access to entities as part of the proposed Spaceport Infrastructure.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								0
Construction			58,850	58,850			117,700	117,700
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>58,850</b>	<b>58,850</b>			<b>117,700</b>	<b>117,700</b>
<b>Source of Funds</b>								
8000 - HAS-Grants			52,965	52,965			105,930	105,930
REV BONDS/CP			5,885	5,885			11,770	11,770
<b>Total Funds</b>			<b>58,850</b>	<b>58,850</b>			<b>117,700</b>	<b>117,700</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 954 - Drainage Structure Repairs ELLINGTON AIRPORT	Project No.		A-000690	
<b>Project Description</b>				
Scope I: Drainage Structure Ditch (I) Head wall/Pipe Repair. Scope II: Drainage Structure Roadway Bridge/Culvert Repair.	<b>City Council District</b>			
	Location	E	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Act Responsibly to achieve Social, Environmental, and Economic Sustainability.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		1,700					1,700	1,700
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,700</b>					<b>1,700</b>	<b>1,700</b>
<b>Source of Funds</b>								
REV BONDS/CP		1,700					1,700	1,700
<b>Total Funds</b>		<b>1,700</b>					<b>1,700</b>	<b>1,700</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH - Central Utility Plant (CUP) Improv GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000691	
<b>Project Description</b>				
Utility Master Plan (UMP) and Condition Assessment of the Central Utility Plant (CUP) and distribution system.	<b>City Council District</b>			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Operation of steam-driven chillers and therefore the entire steam system is not economically advantageous. The electrical infrastructure was out of date and needing replacement.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design			5,000				5,000	5,000
Construction				53,575			53,575	53,575
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>5,000</b>	<b>53,575</b>			<b>58,575</b>	<b>58,575</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement			5,000				5,000	5,000
REV BONDS/CP				53,575			53,575	53,575
<b>Total Funds</b>			<b>5,000</b>	<b>53,575</b>			<b>58,575</b>	<b>58,575</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 956 - Hobby Domestic Water Resiliency WILLIAM P. HOBBY AIRPORT		Project No.		A-000692	
<b>Project Description</b>					
HOU Water Resiliency is to tie into the City's water line and add a water well with associated pumps to relive drops in water pressure issues. This would replace the domestic water tank and pumps on the north west side of the Terminal.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Fix water pressure issues at Hobby.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		100					100	100
Construction			965				965	965
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>100</b>	<b>965</b>				<b>1,065</b>	<b>1,065</b>
<b>Source of Funds</b>								
REV BONDS/CP		100	965				1,065	1,065
<b>Total Funds</b>		<b>100</b>	<b>965</b>				<b>1,065</b>	<b>1,065</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 957-Central Concourse Tile Flooring WILLIAM P. HOBBY AIRPORT		Project No.		A-000693	
<b>Project Description</b>					
Demo of existing terrazzo flooring in Central Concourse Atrium to TSA Checkpoint. Install 4ft x 4ft Quartz Tile to match newly installed tile flooring in Central Concourse.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Due to the recent success and incredible reviews of the new flooring. Flooring should be continued into the atrium, down the connector bridge to TSA checkpoint area to keep consistent flooring and uniform look.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		4,260					4,260	4,260
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>4,260</b>					<b>4,260</b>	<b>4,260</b>
<b>Source of Funds</b>								
REV BONDS/CP		4,260					4,260	4,260
<b>Total Funds</b>		<b>4,260</b>					<b>4,260</b>	<b>4,260</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN-958 Digital Oculus & Video Walls- IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000694	
<b>Project Description</b>				
Implement digital oculus and video walls, dynamic content, content management system for centralized management and on-going maintenance and support.	<b>City Council District</b>			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Customer Service.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction			10,000				10,000	10,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>10,000</b>				<b>10,000</b>	<b>10,000</b>
<b>Source of Funds</b>								
REV BONDS/CP			10,000				10,000	10,000
<b>Total Funds</b>			<b>10,000</b>				<b>10,000</b>	<b>10,000</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 959 - FIS Monitor Replacement GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000695	
<b>Project Description</b>			
Replace 8 existing out of date monitors with (8) 55" monitors and upgrade the connections from Coax to HDMI.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
The monitors have been running since they were installed. The picture quality has deteriorated and the monitors are too small.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		50					50	50
<b>Total Allocation</b>		50					50	50
<b>Source of Funds</b>								
REV BONDS/CP		50					50	50
<b>Total Funds</b>		50					50	50

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 960 - Extension of Ecopark Canopy WILLIAM P. HOBBY AIRPORT	Project No.	A-000696	
<b>Project Description</b>			
Expansion of EcoPark Canopy at terminal entrance.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Customer Service - The canopy does not extend far enough to prevent rain from coming in from the side of the canopy closest to the door.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		478					478	478
<b>Total Allocation</b>		<b>478</b>					<b>478</b>	<b>478</b>
<b>Source of Funds</b>								
REV BONDS/CP		478					478	478
<b>Total Funds</b>		<b>478</b>					<b>478</b>	<b>478</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 961-Smart Mothers Rooms (INFAX iPads) WILLIAM P. HOBBY AIRPORT		Project No.		A-000697	
<b>Project Description</b>					
Install iPads with Infax Smart Restroom software, along with conduit and wiring for iPads.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Customers have requested for the INFAX iPads so that we can capture feedback to better serve the customer service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning		320					320	320
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>320</b>					<b>320</b>	<b>320</b>
<b>Source of Funds</b>								
REV BONDS/CP		320					320	320
<b>Total Funds</b>		<b>320</b>					<b>320</b>	<b>320</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 962-Smart Restrooms -West Concourse WILLIAM P. HOBBY AIRPORT	Project No.	A-000698	
<b>Project Description</b>			
Install conduit, wiring and outlets for future install of stall occupancy lights, restroom status monitors, equipment sensors.	<b>City Council District</b>		
	Location	I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77061
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
This project allows for the install of the equipment with other restrooms to maintain same level of customer service for both concourses.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		534					534	534
<b>Total Allocation</b>		<b>534</b>					<b>534</b>	<b>534</b>
<b>Source of Funds</b>								
REV BONDS/CP		534					534	534
<b>Total Funds</b>		<b>534</b>					<b>534</b>	<b>534</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 963-FIDS/BIDS Upgrades GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000699	
<b>Project Description</b>			
Replace monitors with larger more modern monitors to enhance the visibility and user interface of Flight Information Display Systems and Baggage Information Display Systems (FIDS/BIDS). Improve existing, add new or remove FIDS/BIDS to achieve consistency throughout, improve amount of digital information at gate displays.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Improving the quality and quantity of information offered to our passengers along with the ease of locating the information will enhance passenger experience - Customer Service.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		2,130					2,130	2,130
<b>Total Allocation</b>		<b>2,130</b>					<b>2,130</b>	<b>2,130</b>
<b>Source of Funds</b>								
REV BONDS/CP		2,130					2,130	2,130
<b>Total Funds</b>		<b>2,130</b>					<b>2,130</b>	<b>2,130</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 965-Concessions Work at IAH & HOU HOUSTON AIRPORT SYSTEM	Project No.	A-000701	
<b>Project Description</b>			
Projects are for the cost of build out of concessions (Food, Beverage and Retail) facilities at IAH and HOU. This is a new model and HAS will be making these investments as concession the facilities expire under existing agreements.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Passenger focus and revenue generation.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		70,000					70,000	70,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>70,000</b>					<b>70,000</b>	<b>70,000</b>
<b>Source of Funds</b>								
8011 - HAS-Airports Improvement		50,000					50,000	50,000
REV BONDS/CP		20,000					20,000	20,000
<b>Total Funds</b>		<b>70,000</b>					<b>70,000</b>	<b>70,000</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 966-Ground Transportation Mgmt Sys HOUSTON AIRPORT SYSTEM	Project No.	A-000702	
<b>Project Description</b>			
The scoping efforts will identify turnkey Ground Transportation Management (GTM) Systems that must include all hardware, software and mounting brackets necessary to deliver a fully functioning GTM System as described in the specifications and provide the following vehicle tracking solution.	<b>City Council District</b>		
	Location	B,E,I	Address Descr 2:
	Served:	CITYWIDE	Zip Codes:
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
HAS requires a system to manage ground transportation that incorporates real-time data analysis.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		1,165					1,165	1,165
<b>Total Allocation</b>		<b>1,165</b>					<b>1,165</b>	<b>1,165</b>
<b>Source of Funds</b>								
REV BONDS/CP		1,165					1,165	1,165
<b>Total Funds</b>		<b>1,165</b>					<b>1,165</b>	<b>1,165</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Skyway Floor Replacement Term. A & B GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000707	
<b>Project Description</b>			
Replace the existing floor finish at the first level and second level of the IAH Skyway Stations located in Terminal B and Terminal C. The existing carpet will be replaced with a suitable floor finish.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Maintenance - Customer Service.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design								
Construction		1,568					1,568	1,568
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,568</b>					<b>1,568</b>	<b>1,568</b>
<b>Source of Funds</b>								
8010 - HAS-Renewal & Replacement		1,568					1,568	1,568
<b>Total Funds</b>		<b>1,568</b>					<b>1,568</b>	<b>1,568</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: SIDA Booth Replacement at AOA Gate NV13 GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000708	
<b>Project Description</b>			
Replace Security Identification Display Area (SIDA) Guard Booth at Air Operations Area (AOA) Gate NV13, the existing booth is beyond its useful life and have issues with the HVAC unit. New booth with same size and configuration.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Infrastructure Rehabilitation.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		40					40	40
Construction		465					465	465
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>505</b>					<b>505</b>	<b>505</b>
<b>Source of Funds</b>								
REV BONDS/CP		505					505	505
<b>Total Funds</b>		<b>505</b>					<b>505</b>	<b>505</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH Term A-Arrival & Depart Door Replace GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000709	
<b>Project Description</b>				
Removal and replacement of the automatic doors at Terminal A - Arrival and Departure levels.	<b>City Council District</b>			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>				
Operational Interruptions & Customer Service.	Units:	0		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		138					138	138
Construction		1,093					1,093	1,093
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,231</b>					<b>1,231</b>	<b>1,231</b>
<b>Source of Funds</b>								
REV BONDS/CP		1,231					1,231	1,231
<b>Total Funds</b>		<b>1,231</b>					<b>1,231</b>	<b>1,231</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH Gate A20 Phase 2 GEORGE BUSH INTERCONTINENTAL AIRPORT		Project No.		A-000711	
<b>Project Description</b>					
Relocate lounge seating, clean and refresh stair, ensure gate counter and other equipment for A20 is installed in correct location.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	CITYWIDE	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Customer Service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		32					32	32
Construction		418					418	418
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>450</b>					<b>450</b>	<b>450</b>
<b>Source of Funds</b>								
REV BONDS/CP		450					450	450
<b>Total Funds</b>		<b>450</b>					<b>450</b>	<b>450</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: FIS/CBP Signage and Wayfinding GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000712	
<b>Project Description</b>			
Remove old signs and replace with new signs in Terminal E - Federal Inspection Station/Customs and Border Protection (FIS/CBP) area.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Customer Service.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design		116					116	116
Construction		1,254					1,254	1,254
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,370</b>					<b>1,370</b>	<b>1,370</b>
<b>Source of Funds</b>								
REV BONDS/CP		1,370					1,370	1,370
<b>Total Funds</b>		<b>1,370</b>					<b>1,370</b>	<b>1,370</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**
**CITY OF HOUSTON - AVIATION FACILITIES**

Project: RON Parking Terminal A GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.	A-000713	
<b>Project Description</b>			
To provide replacement and additional Remain Overnight (RON) Positions at IAH.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	CITYWIDE	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Due to new entrant carrier operations into IAH, some existing RON positions have been impacted in lieu of gated operations. This project replaces the loss of the RON positions as well as providing additional positions to mitigate existing operations constraints.	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning								
Acquisition-Land								
Design			1,614				1,614	1,614
Construction			21,623				21,623	21,623
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>23,237</b>				<b>23,237</b>	<b>23,237</b>
<b>Source of Funds</b>								
REV BONDS/CP			23,237				23,237	23,237
<b>Total Funds</b>			<b>23,237</b>				<b>23,237</b>	<b>23,237</b>

**2022-2026 CAPITAL IMPROVEMENT PLAN (\$ Thousands)****CITY OF HOUSTON - AVIATION FACILITIES**

Project: Executive Program Manager Services-ITRP GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000800	
Project Description				
IAH Terminal Redevelopment Program (ITRP) includes: Mickey Leland International Terminal(MLIT); New Term C North and Ramp Pavement; Underground Utilities and Oval north of the ramp adjacent to Taxiway NA/NB; Term B-D Connector bldg; Enabling Utilities; Program Mgmt Office Bldg.; East Aircraft Parking Hardstand; Roadway Rehab.	City Council District			
	Location	B	Address Descr 2:	
	Served:	CITYWIDE	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This capital development program is designed to modernize and expand the Mickey Leland International Terminal (MLIT), to include current day Term C North, and Term D at IAH. The project may also include renovation and reconfiguration of the existing Federal Inspection Station Facility and construction of an expanded parking garage.	Units:	0		
	Start Year:	2021		
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2022-2026	Project Total
		2022	2023	2024	2025	2026		
Planning	78,678							78,678
Acquisition-Land								
Design		40,993					40,993	40,993
Construction	111,904	591,241					591,241	703,145
Equipment Acquisition								
Salary Recovery								
Other		17,500	12,163				29,663	29,663
<b>Total Allocation</b>	<b>190,582</b>	<b>649,734</b>	<b>12,163</b>				<b>661,897</b>	<b>852,479</b>
<b>Source of Funds</b>								
8000 - HAS-Grants	2,711	100,000					100,000	102,711
8011 - HAS-Airports Improvement	187,870							187,870
REV BONDS/CP		549,734	12,163				561,897	561,897
<b>Total Funds</b>	<b>190,582</b>	<b>649,734</b>	<b>12,163</b>				<b>661,897</b>	<b>852,479</b>