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Project: Land Acquisition NE Will Clayton GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000082	
Project Description				
Purchase of land improvements to accomodate parking and storage for International Terminal Redevelopment Project (ITRP) and Mickey Leland International Terminal (MLIT).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
To meet the increasing long term operational land needs related to future construction projects.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land	13,320	**12,055**					12,055	25,375
Design								0
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**13,320**	**12,055**					**12,055**	**25,375**
Source of Funds								
8011 - HAS-Airports Improvement	13,320	**12,055**					12,055	25,375
Total Funds	**13,320**	**12,055**					**12,055**	**25,375**

Project: Technical Engineering Services HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000138	
Project Description				
Technology professional services to support both capital and operating expenses.	**City Council District**			
	Location	B,E,I	Address Descr 2:	374,575,577
	Served:	W	Zip Codes:	
	Key Map:	374,575&77	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project required to assist HAS in research, planning, design, implementation of minor technology initiatives.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	25,540							25,540
Construction	867							867
Equipment Acquisition								
Salary Recovery								
Other				2,000			2,000	2,000
Total Allocation	**26,408**			**2,000**			**2,000**	**28,408**
Source of Funds								
8011 - HAS-Airports Improvement	26,408			2,000			2,000	28,408
Total Funds	**26,408**			**2,000**			**2,000**	**28,408**

Project: Miscellaneous Construction HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000348	
Project Description				
Project provides funds for construction services to perform minor wall/door relocations, minor carpet replacements, and limited scope construction for airlines/other tenants.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:	N/A	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project provides for unforseen construction requirements at each of the three airports to maintain safety and efficient customer/tenant services.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	1,046	**475**					475	1,521
Construction	16,077	**250**	500	500	500	500	2,250	18,327
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**17,123**	**725**	**500**	**500**	**500**	**500**	**2,725**	**19,848**
Source of Funds								
8011 - HAS-Airports Improvement	17,123	**725**	500	500	500	500	2,725	19,848
Total Funds	**17,123**	**725**	**500**	**500**	**500**	**500**	**2,725**	**19,848**

Project: Consolidated Maintenance Facility - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000362	
Project Description				
Prefabricated building to house repair bays, parts storage, and office/employee facilities equipped with appropriate environmental safeguards. Relocate facilities maintenance building to the south area of the airport. Construct a new Airfield & Grounds building including car wash.	**City Council District**			
	Location	I	Address Descr 2:	575K
	Served:	W	Zip Codes:	77061
	Key Map:	575K	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Permanent facility to replace deteriorated existing temporary facilities no longer economically maintainable.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	60							60
Construction	9,756	**9,756**					9,756	19,512
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**9,816**	**9,756**					**9,756**	**19,572**
Source of Funds								
8011 - HAS-Airports Improvement	9,816	**5,130**					5,130	14,946
REV BONDS/CP		**4,626**					4,626	4,626
Total Funds	**9,816**	**9,756**					**9,756**	**19,572**

Project: Civic Art for Aviation-HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000422	
Project Description				
Incorporate artwork in building projects planned for public use.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:	N/A	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project needed to incorporate artwork in building projects planned for public use. Mandated by City Ordinance.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	11,955							11,955
Construction		**3,403**	6,484	3,593	3,329	2,083	18,892	18,892
Equipment Acquisition								
Salary Recovery								
Other								0
Total Allocation	**11,955**	**3,403**	**6,484**	**3,593**	**3,329**	**2,083**	**18,892**	**30,847**
Source of Funds								
8011 - HAS-Airports Improvement	11,955	**3,403**	6,484	3,593	3,329	2,083	18,892	30,847
Total Funds	**11,955**	**3,403**	**6,484**	**3,593**	**3,329**	**2,083**	**18,892**	**30,847**

Project: General Environmental Services - HAS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000423	
Project Description				
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) Storm Water Pollution Prevention Program (SWPPP) regulatory requirements.	**City Council District**			
	Location	B	Address Descr 2:	334W, 334X, 374
	Served:	W	Zip Codes:	77032
	Key Map:	334W&X,374	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
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. This project funds the rehabilitation and/or replacement of the devices with those that meet regulatory requirements.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	1,286							1,286
Construction		**5,538**					5,538	5,538
Equipment Acquisition								
Salary Recovery								
Other			750			750	1,500	1,500
Total Allocation	**1,286**	**5,538**	**750**			**750**	**7,038**	**8,324**
Source of Funds								
8011 - HAS-Airports Improvement	1,286		750			750	1,500	2,786
R&R		**5,538**					5,538	5,538
Total Funds	**1,286**	**5,538**	**750**			**750**	**7,038**	**8,324**

Project: IAH SHORT TERM DOMESTIC WATER IMPROVMNT GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000432	
Project Description				
Install temporary storage tanks and pumps at Terminals A, B and Federal Inspection Station (FIS).	**City Council District**			
	Location	B	Address Descr 2:	374A,374E, 374J
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Temporary storage tanks and pumps are required as an interim measure to alleviate periodic low water pressure conditions directly impacting customer service.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**300**					300	300
Construction			2,700				2,700	2,700
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**300**	**2,700**				**3,000**	**3,000**
Source of Funds								
8011 - HAS-Airports Improvement		**300**	2,700				3,000	3,000
Total Funds		**300**	**2,700**				**3,000**	**3,000**

Project: Ground Transportation Mgmt System-GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000437	
Project Description				
Provide ground transportation with a location and facilities for taxi cab drivers while they wait for their turn to enter the airport terminal area.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	AI.E442.1	Sub-Category:	
Project Justification				
Taxi cab drivers need a place to relax prior to entering the queue.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**175**					175	175
Construction			1,575				1,575	1,575
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**175**	**1,575**				**1,750**	**1,750**
Source of Funds								
8011 - HAS-Airports Improvement		**175**	1,575				1,750	1,750
Total Funds		**175**	**1,575**				**1,750**	**1,750**

Project: VARIOUS BLDG & SUPT SYS-CENTRAL FIS-IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000447	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**2,853**					2,853	2,853
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,853**					**2,853**	**2,853**
Source of Funds								
R&R		**2,853**					2,853	2,853
Total Funds		**2,853**					**2,853**	**2,853**

Project: CUP 480-VOLT DISTRIBUTION SYSTEM WILLIAM P. HOBBY AIRPORT	Project No.		A-000448	
Project Description				
The existing Room 161 480-Volt electrical distribution system has numerous operating system deficiencies and is space-constrained and cannot be expanded to serve the needs of additional Airport facilities.	**City Council District**			
	Location	B	Address Descr 2:	575B
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project funds an initial phased- replacement of the existing Room 161 electrical infrastructure and repairs/replaces existing priority deficiencies to maintain a safe electrical distribution system for the Hobby terminal concourse.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**800**					800	800
Construction			7,200				7,200	7,200
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**800**	**7,200**				**8,000**	**8,000**
Source of Funds								
8011 - HAS-Airports Improvement		**800**	7,200				8,000	8,000
Total Funds		**800**	**7,200**				**8,000**	**8,000**

Project: VARIOUS BLDG & SUPT SYS-TERM A-IAH HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000452	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**3,209**		15,652			18,861	18,861
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**3,209**		**15,652**			**18,861**	**18,861**
Source of Funds								
R&R		**3,209**		15,652			18,861	18,861
Total Funds		**3,209**		**15,652**			**18,861**	**18,861**

Project: VARIOUS BLDG & SUPT SYS-ROADWAYS-IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000456	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management Syem (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**309**			458		767	767
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**309**			**458**		**767**	**767**
Source of Funds								
R&R		**309**			458		767	767
Total Funds		**309**			**458**		**767**	**767**

Project: VARIOUS BLDG & SUPT SYS-INFRASTRUCT-IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000458	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction				17,821			17,821	17,821
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**17,821**			**17,821**	**17,821**
Source of Funds								
R&R				17,821			17,821	17,821
Total Funds				**17,821**			**17,821**	**17,821**

Project: VARIOUS BLDG & SUPT SYS-AIRFIELD-IAH HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000461	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**221**			6,417		6,638	6,638
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**221**			**6,417**		**6,638**	**6,638**
Source of Funds								
8011 - HAS-Airports Improvement					209		209	209
R&R		**221**			6,208		6,429	6,429
Total Funds		**221**			**6,417**		**6,638**	**6,638**

Project: TERM A N&S 480-VOLT DISTRIBUTION SYS GEORGE BUSH INTERCONTINENTAL	Project No.		A-000465	
Project Description				
The existing electrical service vault switchgear and 480-volt distribution systems serving the Terminal A North and South concourses are operating well beyond anticipated service life. The equipment is obsolete with repair parts no longer being manufactured.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project funds the replacement of the service entrance switchgear and the 480-volt distribution systems within Terminal A North and South terminal concourses to maintain service reliability and adequate customer service.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**2,000**					2,000	2,000
Construction			18,000				18,000	18,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,000**	**18,000**				**20,000**	**20,000**
Source of Funds								
8011 - HAS-Airports Improvement		**2,000**	18,000				20,000	20,000
Total Funds		**2,000**	**18,000**				**20,000**	**20,000**

Project: VARIOUS BLDG & SUPT SYS-MAIN TERM-HOU HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000474	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**3,246**	1,764	451			5,461	5,461
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**3,246**	**1,764**	**451**			**5,461**	**5,461**
Source of Funds								
R&R		**3,246**	1,764	451			5,461	5,461
Total Funds		**3,246**	**1,764**	**451**			**5,461**	**5,461**

Project: PN 604A Inter-Terminal Train-Repairs GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000477	
Project Description				
Professional engineering services for the evaluation of existing conditions and design services for emergency repairs of the Inter Terminal Train (ITT) and the rehabilitation of critical infrastructure at George Bush Intercontinental Airport (IAH).	**City Council District**			
	Location	B	Address Descr 2:	334W
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Storm water is infiltrating into the ITT level through the expansion joints which could increase the corrosion potential of the reinforced concrete, damage the structural integrity of the tunnel and reduce the overall life of the structure.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	500							500
Construction				1,000			1,000	1,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**500**			**1,000**			**1,000**	**1,500**
Source of Funds								
R&R				1,000			1,000	1,000
Total Funds	**500**			**1,000**			**1,000**	**1,500**

Project: VARIOUS BLDG & SUPT SYS-UTILITIES-HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000478	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								0
Construction				2,283			2,283	2,283
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**2,283**			**2,283**	**2,283**
Source of Funds								
R&R				2,283			2,283	2,283
Total Funds				**2,283**			**2,283**	**2,283**

Project: VARIOUS BLDG SUPT SYS - EFD ELLINGTON AIRPORT	Project No.		A-000480	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction				909			909	909
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**909**			**909**	**909**
Source of Funds								
R&R				909			909	909
Total Funds				**909**			**909**	**909**

Project: EMERGENCY REPAIRS-COLLAPSED SLAB-GATE D7 GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000484	
Project Description				
Emergency repairs of collapsed slab at Gate D7 (Ramp Side) - Concrete Deck Repairs.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
To avoid safety concerns due to the presence of the cavity in the slab and to prevent reoccurrence which could be devastating.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**350**					350	350
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**350**					**350**	**350**
Source of Funds								
8011 - HAS-Airports Improvement		**350**					350	350
Total Funds		**350**					**350**	**350**

Project: VARIOUS BLDG & SUPT SYS-APM-IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000492	
Project Description				
HAS Asset Management performed assessments of various building and building support systems to determine the condition of the inspected assets and to estimate the rehabilitation and replacement needs of those assets.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Asset Management System (AMS) project funds the rehabilitation and replacement of selected assets and systems.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction			4,000				4,000	4,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**4,000**				**4,000**	**4,000**
Source of Funds								
R&R			4,000				4,000	4,000
Total Funds			**4,000**				**4,000**	**4,000**

Project: APM GUIDE WAY STRUCTURAL ENHANCEMENTS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000494	
Project Description				
This project updates the control system for the Automated People Mover (APM) and moves the control system from Terminal B to the APM maintenance facility. The hardware and software which controls the APM is antiquated.	**City Council District**			
	Location	B	Address Descr 2:	374B
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The hardware and software which controls the APM are so old that the software program which normally updates systems like the APM will not load on our system.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**1,050**	150				1,200	1,200
Construction			9,450	1,350			10,800	10,800
Equipment Acquisition								
Salary Recovery								
Other		**2,000**					2,000	2,000
Total Allocation		**3,050**	**9,600**	**1,350**			**14,000**	**14,000**
Source of Funds								
8011 - HAS-Airports Improvement		**3,050**	9,600	1,350			14,000	14,000
Total Funds		**3,050**	**9,600**	**1,350**			**14,000**	**14,000**

Project: DEMOLISH UNOCCUPIED HAS OWNED BLDGS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000498	
Project Description				
Demolition of unoccupied HAS owned buildings. Area is the alternative site for Project Managment Office for the International Terminal Redevelopment Program (ITRP).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Buildings are unoccupied.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**1,000**					1,000	1,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**1,000**					**1,000**	**1,000**
Source of Funds								
8011 - HAS-Airports Improvement		**1,000**					1,000	1,000
Total Funds		**1,000**					**1,000**	**1,000**

Project: DISTRIBUTION CENTER FOR CONCESSIONS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000499	
Project Description				
Provide a receiving distribution warehouse with screening equipment by rehabilitation of an existing building or building new. The size of the warehouse will be between 12,000 and 15,000 square feet.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Provides a central warehouse to receive all deliveries for all concessions eliminating the truck traffic, congestion and security concerns at the terminal.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			1,500				1,500	1,500
Construction			13,500				13,500	13,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**15,000**				**15,000**	**15,000**
Source of Funds								
8011 - HAS-Airports Improvement			15,000				15,000	15,000
Total Funds			**15,000**				**15,000**	**15,000**

Project: Landside Roadway Improvements - IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000509	
Project Description				
Project will provide landside roadway repairs to pavement, joints, and manholes.	**City Council District**			
	Location	B	Address Descr 2:	374
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project is needed to repair roadway deterioration primarily on north and south terminal roads due to heavy construction and increased cargo traffic.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	405							405
Construction		**1,500**	12,299				13,799	13,799
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**405**	**1,500**	**12,299**				**13,799**	**14,204**
Source of Funds								
8011 - HAS-Airports Improvement	405	**1,500**	12,299				13,799	14,204
Total Funds	**405**	**1,500**	**12,299**				**13,799**	**14,204**

Project: New GT Staging Area - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000510	
Project Description				
Project will build a new Taxi and Limo staging area including infrastructure for a convenience store. Project will also include a new building to house HAS ground transportation staff for permitting and fee collection.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project will help alleviate curbside and roadway congestion.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**700**					700	700
Construction	456	**1,044**	6,300				7,344	7,800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**456**	**1,744**	**6,300**				**8,044**	**8,500**
Source of Funds								
8011 - HAS-Airports Improvement	456	**1,744**	6,300				8,044	8,500
Total Funds	**456**	**1,744**	**6,300**				**8,044**	**8,500**

Project: Airport Pavement Replacement HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000513	
Project Description				
This project provides engineering and construction services for the replacement/renewal of pavement on runways, taxiways, apron, garages and roads due to unforseen circumstances or when minor immediate work is needed. The circumstances require quick response and limited funds for each project.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
To fund projects which need immediate action to replace our pavement when unforseen events occur.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**26,816**	3,000				29,816	29,816
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**26,816**	**3,000**				**29,816**	**29,816**
Source of Funds								
8011 - HAS-Airports Improvement		**1,000**	3,000				4,000	4,000
R&R		**25,816**					25,816	25,816
Total Funds		**26,816**	**3,000**				**29,816**	**29,816**

Project: Rehab Taxiway SA,SB & RA - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000515	
Project Description				
This project will rehabilitate Taxiway RA, SA and SB.	**City Council District**			
	Location	B	Address Descr 2:	374
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Taxiway SA and SB reached their ten year life expectancy in 2012. Portions of Taxiway RA, made of asphalt pavement, have deteriorated to the point where rehabilitation is needed.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**3,277**					3,277	3,277
Construction			39,489				39,489	39,489
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**3,277**	**39,489**				**42,766**	**42,766**
Source of Funds								
8011 - HAS-Airports Improvement		**3,277**	39,489				42,766	42,766
Total Funds		**3,277**	**39,489**				**42,766**	**42,766**

Project: Sanitary Sewer - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000516	
Project Description				
Re-routing of sanitary sewer in central cargo and rehabilitation of sanitary main lines at Bush IAH. Rehabilitation of six sanitary lift stations at Terminal D and one at ATCT (Air Traffic Control Tower).	**City Council District**			
	Location	B	Address Descr 2:	374A
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Re-routing to resolve the conflict between Center Point Energy Electrical Duct Bank and proposed sanitary sewer at two locations. The existing sanitary sewer system serving Bush IAH has deteriorated to the point that several blockages, backups, deterioration and overflows have occurred.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	9							9
Construction	1,016	**1,952**	7,000				8,952	9,968
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**1,025**	**1,952**	**7,000**				**8,952**	**9,977**
Source of Funds								
8011 - HAS-Airports Improvement	1,025	**1,952**	7,000				8,952	9,977
Total Funds	**1,025**	**1,952**	**7,000**				**8,952**	**9,977**

Project: Install Canopy at Pass Drop Off Area - H WILLIAM P. HOBBY AIRPORT	Project No.		A-000519	
Project Description				
Design and install a canopy to cover the passenger curb-side drop off area on the ticketing level. The canopy should be designed to cover the west side, main doors and east side of passenger drop off area as well as both center and east walkways from the garage to the terminal.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The previous canopy at the curbside was removed and demolished due to age and structural issues. This project is a customer service enhancement that will protect passengers from adverse weather conditions when utilizing the main terminal entrance doors.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			800				800	800
Construction				7,200			7,200	7,200
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**800**	**7,200**			**8,000**	**8,000**
Source of Funds								
8011 - HAS-Airports Improvement			800	7,200			8,000	8,000
Total Funds			**800**	**7,200**			**8,000**	**8,000**

Project: Taxiway H & H2 Rehab - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000521	
Project Description				
Rehabilitation of Taxiways H and H2 at Hobby Airport due to deteriorating pavement.	**City Council District**			
	Location	I	Address Descr 2:	575
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This taxiway is part of the Surface Movement Ground Control System (SMGCS) route at HOU. SMGCS allows aircraft to taxi between the runway and the terminal during very low visibiltiy conditions.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**0**			1,000		1,000	1,000
Construction						9,000	9,000	9,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**0**			**1,000**	**9,000**	**10,000**	**10,000**
Source of Funds								
8011 - HAS-Airports Improvement		**0**			1,000	9,000	10,000	10,000
Total Funds		**0**			**1,000**	**9,000**	**10,000**	**10,000**

Project: Construction of New Taxiways - EFD ELLINGTON AIRPORT	Project No.		A-000523	
Project Description				
Design and construct a new taxiway on the east side of Runway 17R-35L, a new taxiway on the southeast side of Runway 4-22, and rehabilitation of outer panels of Runway 4-22.	**City Council District**			
	Location	E	Address Descr 2:	577V, 577Z
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This new taxiway on east side of Runway 17R-35L would stop all aircraft taxing on Runway 17L-35R. The taxiway on the southeast side would support new aircraft hanger development on the southeast side of Ellington Airport.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						1,200	1,200	1,200
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**1,200**	**1,200**	**1,200**
Source of Funds								
8011 - HAS-Airports Improvement						1,200	1,200	1,200
Total Funds						**1,200**	**1,200**	**1,200**

Project: TAXIWAY D & E REHAB WILLIAM P. HOBBY AIRPORT	Project No.		A-000527	
Project Description				
Rehabilitation of Taxiway D & EPCC CPR Reconstruction of Section 515 and 4"AC Resurface of Section 520 and Section 7906.	**City Council District**			
	Location	I	Address Descr 2:	575
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Taxiway E is the primary taxiway from the international terminal and the adjacent to runway 12R and adjacent domestic concourse. Rehabilitation of D & E is to match with the Federal Aviation Administration (FAA). Guide lines for intersection of taxiway and runway alignments.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**2,000**					2,000	2,000
Construction			18,000				18,000	18,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,000**	**18,000**				**20,000**	**20,000**
Source of Funds								
8011 - HAS-Airports Improvement		**2,000**	18,000				20,000	20,000
Total Funds		**2,000**	**18,000**				**20,000**	**20,000**

Project: LA for HOU-FPA/PIN Point Hobby HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000528	
Project Description				
Purchase land for Federally Mandated Runway Protection Zone (RPZ).	**City Council District**			
	Location	I	Address Descr 2:	575
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Land will be used in a variety of ways to accomodate the expansion of Hobby Airport. This includes Runway Protection Zones, expansion of runways, new parking lots, heliports, cargo areas, etc.	Units:	0		
	Start Year:	2011		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land	460	**3,250**			14,000		17,250	17,710
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**460**	**3,250**			**14,000**		**17,250**	**17,710**
Source of Funds								
8011 - HAS-Airports Improvement	460	**3,250**			14,000		17,250	17,710
Total Funds	**460**	**3,250**			**14,000**		**17,250**	**17,710**

Project: Construct of Ellington Field Bypass -EFD ELLINGTON AIRPORT	Project No.		A-000532	
Project Description				
Project will design and construct the Ellington Field Bypass (Space Center Boulevard) from Hwy 3 to the existing Space Center Boulevard along the southern boundary of the airport.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:	617 C,D	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This road increases the development potential for the southeast side of Ellington Field and provide an alternative route for industrial traffic.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						900	900	900
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**900**	**900**	**900**
Source of Funds								
8011 - HAS-Airports Improvement						900	900	900
Total Funds						**900**	**900**	**900**

Project: TAXIWAY NR EXTENSION - IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000535	
Project Description				
Extension of Taxiway NR from Terminal A south apron to Taxiway RC, with removal of three gates at Terminal A southwest concourse; construct to bring taxiway from TDG-III to TDG-V (taxi design group three and five).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project provides two way flow during heavy departure times.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design				2,500			2,500	2,500
Construction					22,500		22,500	22,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**2,500**	**22,500**		**25,000**	**25,000**
Source of Funds								
8011 - HAS-Airports Improvement				2,500	22,500		25,000	25,000
Total Funds				**2,500**	**22,500**		**25,000**	**25,000**

Project: HOBBY BEAUTIFICATION WILLIAM P. HOBBY AIRPORT	Project No.		A-000536	
Project Description				
Airport Landscaping, irrigation, fencing and landscaping of Airport Boulevard and Broadway Intersection.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Customer Service - enhance the Customer Experience for all passengers travelling to and from Houston Hobby Airport.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**2,812**					2,812	2,812
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,812**					**2,812**	**2,812**
Source of Funds								
8011 - HAS-Airports Improvement		**2,812**					2,812	2,812
Total Funds		**2,812**					**2,812**	**2,812**

Project: TERMINAL A CONCOURSE EXPANSION GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000538	
Project Description				
Construct three gates at Teminal A north, demolish previous ice house gate construction and construct three gates for Teminal A South.	**City Council District**			
	Location	B	Address Descr 2:	334A
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Three gates are being demolished under the Taxiway NR widening and expansion, therefore we need to replace these three gates. Since domestic airlines are wanting more gates at Terminal A, HAS needs the extra three gates.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			3,000				3,000	3,000
Construction			27,000				27,000	27,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**30,000**				**30,000**	**30,000**
Source of Funds								
8011 - HAS-Airports Improvement			30,000				30,000	30,000
Total Funds			**30,000**				**30,000**	**30,000**

Project: LACTATION STATIONS AT GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000539	
Project Description				
Install 4 lactation station Kiosks in visible places with access to electrical outlets; 2 in Terminal A and 2 in Terminal D.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
To create a secure and private place for our travelling customers and employees to breast feed their infants in an airport terminal atmosphere as well as work place.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		**53**					53	53
Total Allocation		**53**					**53**	**53**
Source of Funds								
8011 - HAS-Airports Improvement		**53**					53	53
Total Funds		**53**					**53**	**53**

Project: SMGCS LGHTG & MARKINGS - FIS EXPANSION WILLIAM P. HOBBY AIRPORT	Project No.		A-000543	
Project Description				
Lighting system for air carriers to navigate to terminal building in inclement weather; install low visibility lighting and markings.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
For safe navigation of taxiing aircraft in low visibility condition.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**120**					120	120
Construction			1,080				1,080	1,080
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**120**	**1,080**				**1,200**	**1,200**
Source of Funds								
8011 - HAS-Airports Improvement		**120**	1,080				1,200	1,200
Total Funds		**120**	**1,080**				**1,200**	**1,200**

Project: ENVIRONMENTAL IMPACT STUDY-HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000545	
Project Description				
This project will conduct an Environmental study for the construction of Runways and/or Taxiways at George Bush Intercontinental and William P. Hobby Airport.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Environmental Impact Statement will show the need for a new runway to handle increased levels of airport operations and passengers.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other				1,000			1,000	1,000
Total Allocation				**1,000**			**1,000**	**1,000**
Source of Funds								
8011 - HAS-Airports Improvement				1,000			1,000	1,000
Total Funds				**1,000**			**1,000**	**1,000**

Project: CONTAINER STORAGE FACILITY - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000548	
Project Description				
Provide a location between Term D and East Cargo where airlines and Cargo operators can store their freight cans (ULD's).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Due to current space constraints, there is a concern for safety as it relates to aircraft strikes & ability to safely service an aircraft.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**50**					50	50
Construction		**400**					400	400
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**450**					**450**	**450**
Source of Funds								
8011 - HAS-Airports Improvement		**450**					450	450
Total Funds		**450**					**450**	**450**

Project: HPD/HFD Airport Radios &CityWideCov HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000549	
Project Description				
This project will design and deploy a radio identification tracking system potentially serving all HAS locations. This RFID system will streamline fixed asset inventory procedures and improve accuracy of the fixed assets database.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Incorporation of RFID technology will improve the accuracy of fixed asset data and will enable HAS to comply with City's policy. It will also streamline the manpower required to conduct the annual physical audit.	Units:	0		
	Start Year:	2012		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	2,019							2,019
Salary Recovery								
Other				2,500			2,500	2,500
Total Allocation	**2,019**			**2,500**			**2,500**	**4,519**
Source of Funds								
8011 - HAS-Airports Improvement	2,019			2,500			2,500	4,519
Total Funds	**2,019**			**2,500**			**2,500**	**4,519**

Project: EAST END ENTRANCE CANOPY - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000550	
Project Description				
Design and installation of a canopy and two automatic slide entry doors.	**City Council District**			
	Location	I	Address Descr 2:	334J
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The installation of this new canopy will provide an opening day fresh and positive customer experience.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**200**					200	200
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**200**					**200**	**200**
Source of Funds								
8011 - HAS-Airports Improvement		**200**					200	200
Total Funds		**200**					**200**	**200**

Project: PTC/UA EMPLOYEE PARKING-IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000551	
Project Description				
Construct the utilities, the roadway and the site for the pilot training center (PTC) for United Airlines (Enabling for PTC).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project will provide the assistance for United Airlines to relocate their flight simulators to Houston.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			50				50	50
Construction		**12,316**	450				12,766	12,766
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**12,316**	**500**				**12,816**	**12,816**
Source of Funds								
8011 - HAS-Airports Improvement		**12,316**	500				12,816	12,816
Total Funds		**12,316**	**500**				**12,816**	**12,816**

Project: SCANNOJETS-SECURITY CHECK SYS - HAS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000553	
Project Description				
Install Scannojet - Automatic Security Check System at Bush Intercontinental and William P. Hobby Airport	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Scannojet baggage system, working together with the existing X-ray scanners at Terminal D, will increase operational efficiency and increase passenger flow at the security checkpoints.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			150				150	150
Construction		**500**	1,350				1,850	1,850
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**500**	**1,500**				**2,000**	**2,000**
Source of Funds								
8011 - HAS-Airports Improvement		**500**	1,500				2,000	2,000
Total Funds		**500**	**1,500**				**2,000**	**2,000**

Project: REHAB SCHOLL STREET - EFD ELLINGTON AIRPORT	Project No.		A-000555	
Project Description				
This street will be the only throughfare to Rocketman FBO (Fixed Base Operator) and NASA 990.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The road is not adequate to handle the traffic.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**4,000**					4,000	4,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**4,000**					**4,000**	**4,000**
Source of Funds								
8011 - HAS-Airports Improvement		**2,000**					2,000	2,000
FAA/AIP		**2,000**					2,000	2,000
Total Funds		**4,000**					**4,000**	**4,000**

Project: UPGRADE BHS CNTRLS & BIDS ENHANCEMENTS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.	A-000556		
Project Description				
Expand baggage handling system (BHS) control systems to incorporate mobile situational awareness and inbound passenger bag tracking (i.e. location-based services for bags).	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Passenger awareness of when and where their bag will come is a key component of passenger satisfaction.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**300**					300	300
Construction		**900**	1,800				2,700	2,700
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**1,200**	**1,800**				**3,000**	**3,000**
Source of Funds								
8011 - HAS-Airports Improvement		**1,200**	1,800				3,000	3,000
Total Funds		**1,200**	**1,800**				**3,000**	**3,000**

Project: COMMON USE TICKET & GATE CHECK-IN SYS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.	A-000558		
Project Description				
Migrate from airline club-based common use terminal equipment (CUTE) environment to HAS-managed contract. HAS and airline partners will select new common use provider through RFP process.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
HAS is expanding common use configurations to maximize flexibility of gates and ticket counters scheduling beyond IAH Terminal D to other IAH Terminals and Hobby Airport. This will enable HAS to accommodate new air carriers.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		**5,000**					5,000	5,000
Total Allocation		**5,000**					**5,000**	**5,000**
Source of Funds								
8011 - HAS-Airports Improvement		**5,000**					5,000	5,000
Total Funds		**5,000**					**5,000**	**5,000**

Project: PASSENGER QUEUE TRACKING - HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000559	
Project Description				
Placeholder for implementing facial recognition or other technology for tracking passenger transit time through key areas such as the Federal Inspection Station (FIS), pax security checkpoints, etc.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The movement of passengers through airport facilities in an efficient manner is a key contributor to passenger satisfaction. The ongoing measurement of time spent queuing will enable HAS and its partners to optimize passenger screening process.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**750**	300				1,050	1,050
Construction		**1,050**	2,500	900			4,450	4,450
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**1,800**	**2,800**	**900**			**5,500**	**5,500**
Source of Funds								
8011 - HAS-Airports Improvement		**1,800**	2,800	900			5,500	5,500
Total Funds		**1,800**	**2,800**	**900**			**5,500**	**5,500**

Project: SPACE LOCATOR & SIGN-TERM A/B/C/D GARAGE GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000563	
Project Description				
Installation of Parking Guidance System (PGS) at the Bush Intercontinental Airport (IAH) parking garages. With the installation of a space guidance system, the customer will be provided information which will indicate how many parking spaces are available per floor.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
An individual space guidance system is needed in order to elevate the customer's experience when using the parking garages at IAH. As proven by the customer feedback received, finding a parking space at garage C is difficult and can be frustrating.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**5,000**	10,000				15,000	15,000
Construction								0
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**5,000**	**10,000**				**15,000**	**15,000**
Source of Funds								
8011 - HAS-Airports Improvement		**5,000**	10,000				15,000	15,000
Total Funds		**5,000**	**10,000**				**15,000**	**15,000**

Project: AIR TRAFFIC CONTROL TOWER (ATCT) EFD ELLINGTON AIRPORT	Project No.		A-000564	
Project Description				
Building a modern tower to facilitate the increasing traffic demands at Ellington Field.	**City Council District**			
	Location	E	Address Descr 2:	577X
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The existing tower was built in 1955 and was refurbished in 1988. Numerous problems exist including a leaking roof, plumbing, a low wind- rating and no elevation.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	812		105				105	917
Construction			6,500				6,500	6,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**812**		**6,605**				**6,605**	**7,417**
Source of Funds								
8011 - HAS-Airports Improvement	812		4,605				4,605	5,417
FAA/AIP			2,000				2,000	2,000
Total Funds	**812**		**6,605**				**6,605**	**7,417**

Project: DISTRIBUED ANTENNA SYSTEM (DAS) - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000567	
Project Description				
Installation of the discrete antenna system (DAS) will provide coverage for HOU and emergency services radio and public cellular connectivity. Current construction has created in-building coverage problems. DAS will ensure adequate cellular coverage throughout HOU.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Historically, Hobby had adequate cellular and radio signal reception from outdoor antennas and therefore did not require a DAS. Recent construction of HOU (Federal Inspection Station) FIS and new parking garage will impact signal penetration.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other	2,155	**1,500**					1,500	3,655
Total Allocation	**2,155**	**1,500**					**1,500**	**3,655**
Source of Funds								
8011 - HAS-Airports Improvement	2,155	**1,500**					1,500	3,655
Total Funds	**2,155**	**1,500**					**1,500**	**3,655**

Project: Reconstruction of Taxiway NB - IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000570	
Project Description				
Reconstruction and widening of Taxiway NA andshoulders from Taxiway NP to NE to TDG- VIIstandards (9402 feet).	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
According to our pavement management thistaxiway needs to be reconstructed due toheavytraffic and meet TDG VII standards as statedin ourModifications of Standards (MOA) with theFederalAviation Administration (FAA).	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	3,000	**3,000**					3,000	6,000
Construction	24,120		34,000				34,000	58,120
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**27,120**	**3,000**	**34,000**				**37,000**	**64,120**
Source of Funds								
8011 - HAS-Airports Improvement	27,120		10,000				10,000	37,120
FAA/AIP			24,000				24,000	24,000
REV BONDS/CP		**3,000**					3,000	3,000
Total Funds	**27,120**	**3,000**	**34,000**				**37,000**	**64,120**

Project: Perimeter Security Intrus Detection Sys HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000573	
Project Description				
This project is to implement technology to further enhance IAH perimeter security.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This functionality will enable HAS to more quickly detect intrusions into restricted airfield areas.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**350**	200				550	550
Construction			3,150	1,800			4,950	4,950
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**350**	**3,350**	**1,800**			**5,500**	**5,500**
Source of Funds								
8011 - HAS-Airports Improvement		**350**	3,350	1,800			5,500	5,500
Total Funds		**350**	**3,350**	**1,800**			**5,500**	**5,500**

Project: TAXIWAY M REHAB WILLIAM P. HOBBY AIRPORT	Project No.		A-000574	
Project Description				
Reconstruction of asphalt taxiway M to concrete. It replaces deteriorating Taxiway Pavement.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Taxiway M will be the primary taxi route from Runway 12R-30L when reconstruction of Ruwnay 12L-30R occurs.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						1,400	1,400	1,400
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**1,400**	**1,400**	**1,400**
Source of Funds								
8011 - HAS-Airports Improvement						1,400	1,400	1,400
Total Funds						**1,400**	**1,400**	**1,400**

Project: Modify N Electrical Vault and Misc. Elec WILLIAM P. HOBBY AIRPORT	Project No.		A-000576	
Project Description				
This project is to integrate North vault with South vault circuits enlarging vaults for IT and generators, provide upgrades to airfield electrical to close loop to infrastructure.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:	575B,F	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
South vault and North vault operations create maintenance complexity. Airfield infrasturcture like duct banks and aging circuits needs to be upgraded which were not covered under runway upgrades.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						500	500	500
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**500**	**500**	**500**
Source of Funds								
8011 - HAS-Airports Improvement						500	500	500
Total Funds						**500**	**500**	**500**

Project: Hobby Drainage & Roadway Flooding - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000580	
Project Description				
This project will provide drainage improvements at Hobby Airport.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:	575	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
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	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**350**					350	350
Construction			3,150				3,150	3,150
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**350**	**3,150**				**3,500**	**3,500**
Source of Funds								
8011 - HAS-Airports Improvement		**350**	3,150				3,500	3,500
Total Funds		**350**	**3,150**				**3,500**	**3,500**

Project: TERMINAL A MODERNIZATION GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000581	
Project Description				
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.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The existing system provides no means for automated control of building systems, which negatively impact 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	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								0
Construction				50,000			50,000	50,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**50,000**			**50,000**	**50,000**
Source of Funds								
REV BONDS/CP				50,000			50,000	50,000
Total Funds				**50,000**			**50,000**	**50,000**

Project: PROVISIONING CARGO FACILITY - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000583	
Project Description				
Relocation of the provisioning cargo facility to accommodate the new Consolidated Rental Auto Complex (CONRAC). Will also provide for an upgraded facility.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Enabling project for CONRAC.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			850				850	850
Construction				7,650			7,650	7,650
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**850**	**7,650**			**8,500**	**8,500**
Source of Funds								
8011 - HAS-Airports Improvement			850	7,650			8,500	8,500
Total Funds			**850**	**7,650**			**8,500**	**8,500**

Project: Security System Enhancements - HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000584	
Project Description				
This project is to perform planned upgades to provide additional functionality and/or capacity such as biometrics. Deploy additional surveillance and associated processing hardware and software.	**City Council District**			
	Location	B,E,I	Address Descr 2:	334, 374
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Access control is a regulatory requirment for airports to comply wth. Renewal / Replacement and enhancements are required to ensure continued compliance and efficiency.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**250**					250	250
Construction			2,000	5,000			7,000	7,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**250**	**2,000**	**5,000**			**7,250**	**7,250**
Source of Funds								
8011 - HAS-Airports Improvement		**250**	2,000	5,000			7,250	7,250
Total Funds		**250**	**2,000**	**5,000**			**7,250**	**7,250**

Project: Future Fuel Farm Expansion - GBIAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000585	
Project Description				
This project is to increase the fuel storage capacity for the airlines. Demolition of old tanks (500,000 gallons each) and construction of three new tanks (1.8 million gallons each).	**City Council District**			
	Location	B	Address Descr 2:	373D
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The current tanks are not sufficient. An updated facility will meet existing fuel demands, while allowing future growth.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						2,000	2,000	2,000
Construction								0
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**2,000**	**2,000**	**2,000**
Source of Funds								
8011 - HAS-Airports Improvement						2,000	2,000	2,000
Total Funds						**2,000**	**2,000**	**2,000**

Project: Noise Mitigation Program GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000587	
Project Description				
Sound insulation of houses in the North Hollow Subdivision.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Homes identified within the 65 DNL Noise Contour for IAH must be mitigated as a part of the Record of Decision (ROD) in the previous Enviromental Impact Study (EIS).	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land	1,451	**1,920**					1,920	3,371
Design								
Construction	116							116
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**1,567**	**1,920**					**1,920**	**3,487**
Source of Funds								
8011 - HAS-Airports Improvement	1,567	**1,920**					1,920	3,487
Total Funds	**1,567**	**1,920**					**1,920**	**3,487**

Project: Rehabilitate and Expand ARFF Station-HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.	A-000590		
Project Description				
Rehabilitate and expand stations including new vehicles bays, dormitory space, training area and offices to support Aircraft Rescue and Fire Fighting (ARFF) Management function.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:	374C,575F	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
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. Expansion of these stations is essential to support Part 139 compliance and FAA safety initiatives.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**350**					350	350
Construction			3,500				3,500	3,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**350**	**3,500**				**3,850**	**3,850**
Source of Funds								
8011 - HAS-Airports Improvement		**350**	3,500				3,850	3,850
Total Funds		**350**	**3,500**				**3,850**	**3,850**

Project: TEMPORARY RELOCATION OF TENANTS - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000591	
Project Description				
Temporary relocation of Avis for construction of the Consolidated Rental Auto Complex (CONRAC).	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Enabling project for CONRAC.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other						6,000	6,000	6,000
Total Allocation						**6,000**	**6,000**	**6,000**
Source of Funds								
8011 - HAS-Airports Improvement						6,000	6,000	6,000
Total Funds						**6,000**	**6,000**	**6,000**

Project: HAS ADMIN BLDG EXPANSION - IAH GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000596	
Project Description				
Development of a third office building connected to the existing two administration buildings. Development of a Data Center, Consolidated Airport Communication Center (ACC), Airport Emergency Operations Center (AEOC) and Department Operation Center (DOC); Development of new parking due to added facilities.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:	374A,B	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Currently HAS Administration staff are housed in various facilities around IAH. The purpose of this project is to consolidate all HAS staff (excluding those under IAH team) at the existing HAS Administration site. This frees up the various facilities and lots for potential airport facilities and/or commercial development.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**2,000**					2,000	2,000
Construction			60,000				60,000	60,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,000**	**60,000**				**62,000**	**62,000**
Source of Funds								
8011 - HAS-Airports Improvement		**2,000**					2,000	2,000
REV BONDS/CP			60,000				60,000	60,000
Total Funds		**2,000**	**60,000**				**62,000**	**62,000**

Project: INTERNAL SIGNAGE AT IAH & HOU HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000599	
Project Description				
This project is to update the terminal signage and installation within the terminals at both IAH and HOU located at the Federal Inspection Station (FIS) and Terminals A and C at IAH.	**City Council District**			
	Location	B,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The wayfinding signage that exists in the teminals is confusing, lacks consistancy, and is outdated with multiple "families of signs" in some locations. The signs result in visual clutter with no benefit to the customer.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			500				500	500
Construction				4,500			4,500	4,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**500**	**4,500**			**5,000**	**5,000**
Source of Funds								
8011 - HAS-Airports Improvement			500	4,500			5,000	5,000
Total Funds			**500**	**4,500**			**5,000**	**5,000**

Project: PN720 HOU InternlFacility-LeaseAgrmnt.01 WILLIAM P. HOBBY AIRPORT	Project No.		A-000601	
Project Description				
To provide rent credits to SW airlines for capital improvements to the existing terminal facility, office relocations and concessions shell space in the new International facility. And buy out the facility upon completion from Southwest airllines.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Credits provided to South West Airlines for the New Use and Lease Agreement at Hobby related to construction of the Hobby International Facility.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		**146,000**					146,000	146,000
Total Allocation		**146,000**					**146,000**	**146,000**
Source of Funds								
REV BONDS/CP		**146,000**					146,000	146,000
Total Funds		**146,000**					**146,000**	**146,000**

Project: ON CALL PLANNING SERVICES HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000602	
Project Description				
The airport system facility concept development, impact studies, and assessments.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project needed to provide cost effective, timely options and decisions responding to dynamic changes in airline businesses and their impact on airport facilities and management.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other			1,500	3,000	3,000	3,000	10,500	10,500
Total Allocation			**1,500**	**3,000**	**3,000**	**3,000**	**10,500**	**10,500**
Source of Funds								
8011 - HAS-Airports Improvement			1,500	3,000	3,000	3,000	10,500	10,500
Total Funds			**1,500**	**3,000**	**3,000**	**3,000**	**10,500**	**10,500**

Project: EDS Machine Upgrades for IAH(TSA funded) GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000603	
Project Description				
Development, design, and pre-construction services that will replace ten (10) model 3DX6600 and six (6) model 3DX6000 Explosive Detection System machines that are located in bag screening system servicing Terminals C and E, and consolidation of four Checked Bag Resolution Areas (CBRA) to one CBRA at IAH.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Mandated by TSA.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**48,130**					48,130	48,130
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**48,130**					**48,130**	**48,130**
Source of Funds								
GRANTS		**48,130**					48,130	48,130
Total Funds		**48,130**					**48,130**	**48,130**

Project: Parking Garage Term C D & E GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000605	
Project Description				
Replace stairs with steel frame stairwells and replace surface membrane in the parking garage.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:	37	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This is a safety issue and customer service issue.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**150**					150	150
Construction			1,350				1,350	1,350
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**150**	**1,350**				**1,500**	**1,500**
Source of Funds								
8011 - HAS-Airports Improvement		**150**	1,350				1,500	1,500
Total Funds		**150**	**1,350**				**1,500**	**1,500**

Project: Term A/B Garage-PublicParking Imprvment GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000607	
Project Description				
Install better signs, add additional elevators, repaint the entire facility, remove plexi-glass, replace rusting fire hose cabinets, and replace lighting at all elevator landings and walkways.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
For better and more efficient customer service.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**550**					550	550
Construction			4,950				4,950	4,950
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**550**	**4,950**				**5,500**	**5,500**
Source of Funds								
8011 - HAS-Airports Improvement		**550**	4,950				5,500	5,500
Total Funds		**550**	**4,950**				**5,500**	**5,500**

Project: Cell Phone Lots on JFK & Will Clayton GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000610	
Project Description				
Build cell phone lots on JFK Boulevard and Will Clayton Boulevard.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project will help reduce traffic congestion at the terminals.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**3,500**	3,500				7,000	7,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**3,500**	**3,500**				**7,000**	**7,000**
Source of Funds								
8011 - HAS-Airports Improvement		**3,500**	3,500				7,000	7,000
Total Funds		**3,500**	**3,500**				**7,000**	**7,000**

Project: SecurityEnhancemntsAOAperimeterFenceLine WILLIAM P. HOBBY AIRPORT	Project No.		A-000613	
Project Description				
Construct a perimeter fence protection system around the airfield that will prevent the intrusion of vehicular penetration.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This will prevent vehicle intrusion on airfield and wild life from digging under the airfield operations area (AOA) fence and getting on to the airfield.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**1,000**					1,000	1,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**1,000**					**1,000**	**1,000**
Source of Funds								
8011 - HAS-Airports Improvement		**1,000**					1,000	1,000
Total Funds		**1,000**					**1,000**	**1,000**

Project: SatelliteCntrlUtilities-CUP Facility-HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000614	
Project Description				
Complete the phased design and construction of a Satellite Utilities Plant (SUP) facility at Hobby Airport, in addition to the completion of incremental repairs the existing SUP, to maintain reliable operation.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The new SUP, a complete thermal production and distribution facility, will initially house heating system boilers, chillers, piping, and distrubution pumps to provide adequate heating to the existing terminals and new Federal Inspection Station (FIS).	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								0
Construction					7,500		7,500	7,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					**7,500**		**7,500**	**7,500**
Source of Funds								
REV BONDS/CP					7,500		7,500	7,500
Total Funds					**7,500**		**7,500**	**7,500**

Project: Rehabilitation of Airfield Svc. Rd - EFD ELLINGTON AIRPORT	Project No.		A-000619	
Project Description				
Rehabilitate and upgrade portions of asphalt service road at Ellington.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Portion of airfield perimeter service road (10,000 linear feet) is in need of repair and resurfacing of asphalt. Portion of center field service road is in need of upgrade from gravel to asphalt. Service roads are critical to support maintenance of airfield to help limit the vehicle crossing of active runways.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**2,547**					2,547	2,547
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,547**					**2,547**	**2,547**
Source of Funds								
R&R		**2,547**					2,547	2,547
Total Funds		**2,547**					**2,547**	**2,547**

Project: T-Hanger Ramp & Taxiway D Pavement ELLINGTON AIRPORT	Project No.		A-000620	
Project Description				
Asphalt pavement needs to be rejuvenated and resealed on the T-Hanger ramp and add shoulders to the Taxiway D.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Airfield must be maintained in accordance with Federal Aviation Administration (FAA) guidelines.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**1,300**					1,300	1,300
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**1,300**					**1,300**	**1,300**
Source of Funds								
R&R		**1,300**					1,300	1,300
Total Funds		**1,300**					**1,300**	**1,300**

Project: Public Addressing (PA) System HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000621	
Project Description				
Project is to replace the core components of current PA system at IAH & HOU.	**City Council District**			
	Location	B,E	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
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 holdroom areas. It is also one of the mechanisms for communicating information related to passenger safety and security.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**5,000**	3,000				8,000	8,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**5,000**	**3,000**				**8,000**	**8,000**
Source of Funds								
8011 - HAS-Airports Improvement		**5,000**	3,000				8,000	8,000
Total Funds		**5,000**	**3,000**				**8,000**	**8,000**

Project: Reworking Constr Taxiway WA/WB GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000622	
Project Description				
Reconstruct the pavement on Taxiways in the west complex (mainly Taxiway WA, WB, and the attached taxiways to Runway 15L-33R).	**City Council District**			
	Location	B	Address Descr 2:	373E
	Served:	W	Zip Codes:	77032
	Key Map:	373E	Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Pavement is cracking.	Units:	0		
	Start Year:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design	3,591							3,591
Construction		**66,000**					66,000	66,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**3,591**	**66,000**					**66,000**	**69,591**
Source of Funds								
8011 - HAS-Airports Improvement	3,591	**66,000**					66,000	69,591
Total Funds	**3,591**	**66,000**					**66,000**	**69,591**

Project: DEMOLITION OF TOWER @ IAH (REIMB by FAA) GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000623	
Project Description				
The HAS plans to enter into an "Other Transaction Agreement" (OTA) with the FAA, to provide grant funding to demolish the old Airport Traffic Control Tower at IAH. The project will include environmental remediation of the tower and base building, the complete demolition and removal of the structure and restoring the site to a green field.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
The Federal Aviation Administration abandoned the existing tower and relocated its staff to a new tower on the East side of the IAH. FAA desires to demolish the facility and return the ground back to COH/HAS.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**306**					306	306
Construction		**2,757**					2,757	2,757
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**3,063**					**3,063**	**3,063**
Source of Funds								
FAA/AIP		**3,063**					3,063	3,063
Total Funds		**3,063**					**3,063**	**3,063**

Project: TERM B CORE & NO 480-VOLT DISTRIB SYS GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000624	
Project Description				
The existing electrical service vault switchgear and 480-volt distribution systems serving the Terminal B Core and North concourses are operating well beyond anticipated service life. The equipment is obsolete with repair parts no longer being manufactured.	**City Council District**			
	Location	B	Address Descr 2:	334W
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This project funds the replacement of the service entrance switchgear and the 480-volt distribution systems within Terminal A North and South terminal concourses to maintain service reliability and adequate customer service.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**2,000**					2,000	2,000
Construction			18,000				18,000	18,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**2,000**	**18,000**				**20,000**	**20,000**
Source of Funds								
8011 - HAS-Airports Improvement		**2,000**	18,000				20,000	20,000
Total Funds		**2,000**	**18,000**				**20,000**	**20,000**

Project: IAH FLEET MAINTENANCE BUILDING GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000625	
Project Description				
Build a new maintenance building fully airconditioned with efficient layout in addition to proper equipment.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This initiative is to ensure a safe working environment for FMD and HAS employees.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**4,371**					4,371	4,371
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**4,371**					**4,371**	**4,371**
Source of Funds								
8011 - HAS-Airports Improvement		**4,371**					4,371	4,371
Total Funds		**4,371**					**4,371**	**4,371**

Project: TERM-A NO & SO RESTROOM REMODEL GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000626	
Project Description				
Remodel and upgrade restrooms to improve the overall appearance of facilities and bring restrooms up to current codes and ADA requirements.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	77032
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project will improve customer service, reduce customer and airline complaints, and improve overall appearance of the airport.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**500**					500	500
Construction		**4,500**					4,500	4,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**5,000**					**5,000**	**5,000**
Source of Funds								
8011 - HAS-Airports Improvement		**5,000**					5,000	5,000
Total Funds		**5,000**					**5,000**	**5,000**

Project: AIRPORT BLVD & ECOPARK ACCESS RD-HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000627	
Project Description				
Roadway improvements to improve flow into and out of ecopark. The intersection improvements will add lanes for left turns to and from the airport.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
These intersection modifications will improve traffic flow and safety around the airport.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**700**					700	700
Construction			1,800				1,800	1,800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**700**	**1,800**				**2,500**	**2,500**
Source of Funds								
8011 - HAS-Airports Improvement		**700**	1,800				2,500	2,500
Total Funds		**700**	**1,800**				**2,500**	**2,500**

Project: SECURITY LANE BACKFLOW PREVENTION HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.	A-000628

Project Description

Development of Security Exit Backflow Prevention at the terminal exit lanes at IAH and Hobby.

City Council District			
Location	B,E,I	Address Descr 2:	
Served:	W	Zip Codes:	
Key Map:		Category:	
Location Code:	UA-00	Sub-Category:	

Project Justification

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:	2015		
RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction	684	**1,500**	4,500				6,000	6,684
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	**684**	**1,500**	**4,500**				**6,000**	**6,684**
Source of Funds								
8011 - HAS-Airports Improvement	684	**1,500**	4,500				6,000	6,684
Total Funds	**684**	**1,500**	**4,500**				**6,000**	**6,684**

Project: AEROSPACE DESIGN & SOLUTION LAB - EFD ELLINGTON AIRPORT	Project No.		A-000629	
Project Description				
Plan, design, and build building infrastructure to support the first spaceport development at Ellington's southeast sector. This facility will be leased to Academy (Universities Consortium) and the aerospace industry to conduct research and development activities.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Ellington's licensing as the COH's spaceport will require development of this facility in order to attract new business opportunities to be established or relocated to Houston.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			2,500				2,500	2,500
Construction				22,500			22,500	22,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**2,500**	**22,500**			**25,000**	**25,000**
Source of Funds								
REV BONDS/CP			2,500	22,500			25,000	25,000
Total Funds			**2,500**	**22,500**			**25,000**	**25,000**

Project: HOBBY PARKING OFFICE WILLIAM P. HOBBY AIRPORT	Project No.		A-000630	
Project Description				
Build a new management office at Hobby to provide space for approximately 50 employees that work at the parking garage.	**City Council District**			
	Location	I	Address Descr 2:	575B
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
A new office building is needed to provide the essential requirements, while considering an increase in employees when the new garage is completed. The current location is too small and was not designed for office/work space.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction		**750**					750	750
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**750**					**750**	**750**
Source of Funds								
8011 - HAS-Airports Improvement		**750**					750	750
Total Funds		**750**					**750**	**750**

Project: PN 780 PUBLIC WI-FI & BLE BEACON UPGRADE HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000633	
Project Description				
Planned upgrade for public Wi-Fi and Bluetooth Low Energy (BLE) beacon infrastructure.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Public Wi-Fi and beacon technology must be periodically refreshed and coverage areas potentially expanded to maintain passenger satisfaction. Wi-Fi points and cellular infrastructure are forecasted to be replaced on a rolling 5 year replacement schedule.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other					6,000		6,000	6,000
Total Allocation					**6,000**		**6,000**	**6,000**
Source of Funds								
8011 - HAS-Airports Improvement					6,000		6,000	6,000
Total Funds					**6,000**		**6,000**	**6,000**

Project: ON CALL TECHNOLOGY CONTRACT HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000634	
Project Description				
On-call technology professional services contact provides the Project Management Office (PMO) with design, support, and hosting services to support both capital and operating expense technology initiatives.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
On-Call contact is required to assist HAS in research, planning, design and implementation of technology initiatives.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other				2,000	2,000	2,000	6,000	6,000
Total Allocation				**2,000**	**2,000**	**2,000**	**6,000**	**6,000**
Source of Funds								
8011 - HAS-Airports Improvement				2,000	2,000	2,000	6,000	6,000
Total Funds				**2,000**	**2,000**	**2,000**	**6,000**	**6,000**

Project: COMMUNICATION CABLING INFRASTRUCTURE HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000635	
Project Description				
On-Call communications cabling infrastructure services provide the ability to install additional inside and outside plant cabling, conduits, duct banks and related support and termination components.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
HAS has extensive communications infrastructure requirements throughut its facilities and campuses. This contact allows for periodic adds and changes of existing infrastructure. It is not entended to be used to supplement scope required by other capital projects.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		**2,850**					2,850	2,850
Total Allocation		**2,850**					**2,850**	**2,850**
Source of Funds								
8011 - HAS-Airports Improvement		**2,850**					2,850	2,850
Total Funds		**2,850**					**2,850**	**2,850**

Project: PARKING REVENUE CONTROL SYSTEM - HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.	A-000636

Project Description

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 parking for all parking facilities.

City Council District			
Location	B,E,I	Address Descr 2:	
Served:	W	Zip Codes:	
Key Map:		Category:	
Location Code:	UA-00	Sub-Category:	
Units:	0		
Start Year:			
RCC Total	$	RCA Total	$

Project Justification

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.

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other			10,000				10,000	10,000
Total Allocation			**10,000**				**10,000**	**10,000**
Source of Funds								
8011 - HAS-Airports Improvement			10,000				10,000	10,000
Total Funds			**10,000**				**10,000**	**10,000**

Project: WEST TERMINAL ROAD AREA ROADWAYS - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000638	
Project Description				
Roadway relocation to accommodate the new Federal Inspection Station (FIS) expansion.	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project is required due to Terminal expansion.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design				330			330	330
Construction					2,970		2,970	2,970
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				**330**	**2,970**		**3,300**	**3,300**
Source of Funds								
8011 - HAS-Airports Improvement				330	2,970		3,300	3,300
Total Funds				**330**	**2,970**		**3,300**	**3,300**

Project: RELOCATION OF TAXI STAGING AREA - HOU WILLIAM P. HOBBY AIRPORT	Project No.		A-000639	
Project Description				
Relocation of taxi and limo staging area to accommodate tenant during construction of new Consolidated Rental Auto Complex (CONRAC).	**City Council District**			
	Location	I	Address Descr 2:	
	Served:	W	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project is required due to the construction of the (CONRAC).	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design					264		264	264
Construction						2,376	2,376	2,376
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					**264**	**2,376**	**2,640**	**2,640**
Source of Funds								
8011 - HAS-Airports Improvement					264	2,376	2,640	2,640
Total Funds					**264**	**2,376**	**2,640**	**2,640**

Project: HAS ADMIN CAMPUS SIGNAGE - HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000640	
Project Description				
Signage related to the consolidation of all the HAS functions in one location.	**City Council District**			
	Location	B	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Project is needed to improve corporate identity.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design		**40**					40	40
Construction		**360**					360	360
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		**400**					**400**	**400**
Source of Funds								
R&R		**400**					400	400
Total Funds		**400**					**400**	**400**

Project: PERIMETER ROAD & FENCE REALIGNMENT-EFD ELLINGTON AIRPORT	Project No.		A-000641	
Project Description				
Reconstruct the deteriorating perimeter road around Ellington airfield.	**City Council District**			
	Location	E	Address Descr 2:	
	Served:	W	Zip Codes:	77034
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
This road is used by service vehicles. In emergencies, Airfield Rescue and Fire Fighting (ARFF) vehicles use the perimeter road. (Enabling project for Runway 17R).	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design						130	130	130
Construction						1,170	1,170	1,170
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						**1,300**	**1,300**	**1,300**
Source of Funds								
8011 - HAS-Airports Improvement						1,300	1,300	1,300
Total Funds						**1,300**	**1,300**	**1,300**

Project: NON TERMINAL FACILITY SYS REHAB - HAS HOUSTON AIRPORT SYSTEM(IAH-HOU-EFD)	Project No.		A-000642	
Project Description				
Assessment of properties and buildings owned by Houston Airport System and determination what needs to be done.	**City Council District**			
	Location	B,E,I	Address Descr 2:	
	Served:	W	Zip Codes:	
	Key Map:		Category:	
	Location Code:	UA-00	Sub-Category:	
Project Justification				
Rehabbing condition assessment of commercial properties.	Units:	0		
	Start Year:			
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning								
Acquisition-Land								
Design			500				500	500
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			**500**				**500**	**500**
Source of Funds								
R&R			500				500	500
Total Funds			**500**				**500**	**500**

Project: Executive Program Manager Services-ITRP GEORGE BUSH INTERCONTINENTAL AIRPORT	Project No.		A-000800	
Project Description				
The IAH Terminal Redevelopment Program (ITRP) includes: Mickey Leland International Terminal (MLIT); New Term C North (NCN) 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:	W	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 Terminal C North, and Terminal 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:	2015		
	RCC Total	$	RCA Total	$

Project Allocation	Previous Appropriations	2016	2017	2018	2019	2020	2016-2020	Project Total
Planning	27,000							27,000
Acquisition-Land								
Design		**118,328**	820	593			119,741	119,741
Construction	51,667	**208,294**	295,905	196,905	222,688	95,052	1,018,844	1,070,511
Equipment Acquisition								
Salary Recovery								
Other			30,000		30,000		60,000	60,000
Total Allocation	**78,667**	**326,622**	**326,725**	**197,498**	**252,688**	**95,052**	**1,198,585**	**1,277,252**
Source of Funds								
8011 - HAS-Airports Improvement	78,667		30,000		30,000		60,000	138,667
FAA/AIP		**14,738**					14,738	14,738
REV BONDS/CP		**311,884**	296,725	197,498	222,688	95,052	1,123,847	1,123,847
Total Funds	**78,667**	**326,622**	**326,725**	**197,498**	**252,688**	**95,052**	**1,198,585**	**1,277,252**