2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)					CITY OF HOUSTON - AVIATION FACILITIES	
Project: Technical Engineering Services HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proj	ect No.		A-000138		
Project Description						
Project funds structural, mechanical, electrical, communications,	City Cou	ncil District				
architectural, surveys, programming and laboratory services to investigate and support various projects.	Location	BEI		Address Descr 2:	374, 575, 577	
	Served:	ALL		Zip Codes:		
	Key Map:	374 & 577		Category:		
	Location Code	e: UA-00		Sub-Category:		
Project Justification						
Project required to assist Department of Aviation in research, scope, design, implementation of minor projects and CIP development.	Units:		0			
pojeste and en de corp.	Start Year:	2	007			
	RCC Total	\$		RCA Total	\$	

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	19,019	200					200	19,219
Construction	867							867
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	19,886	200					200	20,086
Source of Funds								
8011 - HAS-Airports Improvement	19,886							19,886
AIF		200					200	200
Total Funds	19,886	200					200	20,086

Proposed CIP 1 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES				
Project: MID-FIELD TAXIWAY - IAH GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000204	
Project Description					
Taxiway connector between Taxiway SB and NB east of the Airport Services Complex	City Co	uncil District			
Services Complex	Location	В	Address Descr 2:	374B	
	Served:	ALL	Zip Codes:	77032	
	Key Map:		Category:		
	Location Cod	e: UA-00	Sub-Category:		
Project Justification					
Implements Master Plan recommendation to accommodate aircraft traffic growth and safety.	Units:		0		
	Start Year:				
	RCC Total	\$	RCA Total	\$	

Duningt Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design						33,000	33,000	33,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						33,000	33,000	33,000
Source of Funds							·	
AIF						33,000	33,000	33,000
Total Funds						33,000	33,000	33,000

Proposed CIP 2 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)			CITY OF HOUSTON - AVIATION FACILITIES				
Project: Expand Airport Services Complex - IAH GEORGE BUSH INTERCONTINENTAL	Proje	ect No.		A-000221			
Project Description							
Project implements additional developments recommended by the Master Plan Study, consisting of vehicle maintenance shed, public safety, building storage facilities and shop ventilation systems.	City Cou	ncil District					
	Location	В	Address Descr 2:	374B			
	Served:	ALL	Zip Codes:	77032			
	Key Map:	374B	Category:				
	Location Code	: UA-00	Sub-Category:				
Project Justification							
Project is necessary to enhance airport security, expand warehousing and vehicle facilities to meet anticipated needs.	Units:		0				
,	Start Year:	20	07				
	RCC Total	\$	RCA Total	\$			

Duningt Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	0					800	800	800
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						800	800	800
Source of Funds								
8011 - HAS-Airports Improvement	0							0
AIF						800	800	800
Total Funds	0					800	800	800

Proposed CIP 3 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Refurbish Parking Garage - HOU WILLIAM P. HOBBY AIRPORT	Proj	ect No.		A-000310
Project Description				
Repair deteriorated pavement/joints, eliminate water ponding, improve ventilation and clean exterior surface of parking garage. Create new parking structure	City Cou	ncil District		
	Location	I	Address Descr 2:	575B
	Served:	ALL	Zip Codes:	77061
	Key Map:	575B	Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
To maintain and grow revenue producing facilities in a safe, useable and attractive condition	Units:		0	
	Start Year:	200)7	
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	4,689	300					300	4,989
Construction	10,144	50,000	2,000				52,000	62,144
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	14,832	50,300	2,000				52,300	67,132
Source of Funds								
8011 - HAS-Airports Improvement	14,832							14,832
AIF		50,300	2,000				52,300	52,300
Total Funds	14,832	50,300	2,000				52,300	67,132

Proposed CIP 4 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Miscellaneous Construction HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proj	ect No.		A-000348
Project Description				
Project provides funds for construction services to perform minor wall/door relocations, minor carpet replacements and limited scope	City Cou	ncil District		
construction for airlines and other tenants	Location	BEI	Address Descr 2:	
	Served:	ALL	Zip Codes:	
	Key Map:	N/A	Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
Project provides unforseen construction requirements at each of the three airports to maintain safety and efficient customer/tenant	Units:		0	
services.	Start Year:	200)7	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	1,250							1,250
Construction	15,077		3,000				3,000	18,077
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	16,327		3,000				3,000	19,327
Source of Funds								
8011 - HAS-Airports Improvement	16,327							16,327
AIF			3,000				3,000	3,000
Total Funds	16,327		3,000				3,000	19,327

Proposed CIP 5 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: People Mover Extension GEORGE BUSH INTERCONTINENTAL	Proj	Project No.		A-000354
Project Description				
Upgrade tech control system of the APM System.	City Cou	ncil District		
	Location	В	Address Descr 2:	374A
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
The antiquated control system has lasted beyond its life cycle.	Units:	()	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design								
Construction			2,000				2,000	2,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				2,000			2,000	2,000
Source of Funds								
AIF				2,000			2,000	2,000
Total Funds				2,000			2,000	2,000

Proposed CIP 6 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				1	CITY OF HOUSTON - AVIATION FACILITIES
Project: Airfield & Grounds Associated Facilities WILLIAM P. HOBBY AIRPORT	Project No.			A-000362	
Project Description					
Prefabricated building to house repair bays, parts storage and	City Cou	ncil District			
office/employee faciliites equipped with appropriate environmental safeguards. Relocate facilities maintenance building. Construct a new Airfield & Grounds building including car wash.	Location	I	Add	ddress Descr 2:	575K
	Served:	ALL	Zip	p Codes:	77061
	Key Map:	575K	Cat	ategory:	
	Location Code	: UA-00	Sub	ub-Category:	
Project Justification					
Permanent facility to replace deteriorated existing temporary facility which is no longer economically maintainable	Units:		0		
	Start Year:	2	007		
	RCC Total	\$	RC	CA Total	\$

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design	0							(
Construction		7,374					7,374	7,374
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		7,374					7,374	7,374
Source of Funds								
8011 - HAS-Airports Improvement	0							C
AIF		7,374					7,374	7,374
Total Funds	0	7,374					7,374	7,374

Proposed CIP 7 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)					CITY OF HOUSTON - AVIATION FACILITIES		
Project: Aviation Planning Services HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Project No.			A-000368			
Project Description							
The airport system facility concept development, impact studies and assessments. This is a one-time appropriation spread out over	City Cou	City Council District					
multiple years	Location	BE		Address Descr 2:	374, 575, 577		
	Served:	ALL		Zip Codes:			
	Key Map:	374K		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	Units:		0				
their impact on airport facilities and management.	Start Year:		2007				
	RCC Total	\$		RCA Total	\$		

Project Allocation	Previous						2044 2040	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning	21,796							21,796
Acquisition-Land								
Design	5,120							5,120
Construction								
Equipment Acquisition								
Salary Recovery								
Other		6,700					6,700	6,700
Total Allocation	26,916	6,700					6,700	33,616
Source of Funds								
8011 - HAS-Airports Improvement	26,916							26,916
AIF		6,700					6,700	6,700
Total Funds	26,916	6,700					6,700	33,616

Proposed CIP 8 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)							
Project: RUNWAY 17L/35R REHAB-EFD ELLINGTON AIRPORT	Pro	Project No.		A-000389				
Project Description								
Rehabilitate Airfield Pavement on Runway 17L - 35R.	City Co	ouncil District						
	Location	E	Address Descr 2:	577V				
	Served:	ALL	Zip Codes:	77034				
	Key Map:		Category:					
	Location Cod	de: UA-00	Sub-Category:					
Project Justification								
Pavement deterioration as identified by the airports pavement management system.	Units:		0					
	Start Year:							
	RCC Total	\$	RCA Total	\$				

Dunings Allocation	Previous						2014-2018	Project Total
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	
Planning								
Acquisition-Land								
Design						109	109	109
Construction						1,210	1,210	1,210
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						1,319	1,319	1,319
Source of Funds								
AIF						1,319	1,319	1,319
Total Funds						1,319	1,319	1,319

Proposed CIP 9 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)			CITY OF HOUSTON - AVIATION FACILITIES
Project: Implement GIS System - HAS HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ct No.	A-000417
Project Description			
Survey all above ground/underground structure, convert old drawings	City Cour	ncil District	
to electronic media, use ortho photography to rectify line drawings and photos on a single base map.	Location	BEI	Address Descr 2:
	Served:	ALL	Zip Codes:
	Key Map:	N/A	Category:
	Location Code:	UA-00	Sub-Category:
Project Justification			
Accurate drawings of above/underground structure are necessary for maintenance and future project developments. These drawings would	Units:	0	
form the basis for an airport Geographic Information System (GIS)	Start Year:	2007	
	RCC Total	\$	RCA Total \$

Pusiont Allocation	Previous						2044 2040	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	-3							-3
Construction								
Equipment Acquisition								
Salary Recovery								
Other						3,000	3,000	3,000
Total Allocation	-3					3,000	3,000	2,997
Source of Funds								
8200 - HAS-Consolidated2000 AMT Construction	-3							-3
AIF						3,000	3,000	3,000
Total Funds	-3					3,000	3,000	2,997

Proposed CIP 10 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Hobby Cargo Building -HOU WILLIAM P. HOBBY AIRPORT	Proje	ect No.		A-000418
Project Description				
Construct a new Southwest Cargo Building and demolish the existing	City Cour	ncil District		
cargo building.	Location	I	Address Descr 2:	575
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Code:	AI.SALV.1	Sub-Category:	
Project Justification				
This building removal will provide space for a new parking lot located just NE of the terminal. This parking lot will improve HAS	Units:	()	
cash flow	Start Year:			
	RCC Total	\$	RCA Total	\$

Dunings Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction		5,310					5,310	5,310
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		5,310					5,310	5,310
Source of Funds								
AIF		5,310					5,310	5,310
Total Funds		5,310					5,310	5,310

Proposed CIP 11 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Civic Art for Aviation-HAS HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ect No.		A-000422
Project Description				
Incorporate artwork in building projects planned for public use	City Cou	ncil District		
	Location	BEI	Address Descr 2:	
	Served:	ALL	Zip Codes:	
	Key Map:	N/A	Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
Projects needed to incorporate art work in building projects planned for public use.	Units:		0	
	Start Year:	200	7	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous		2014-2018		2014-2018	Project		
Froject Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2010	Total
Planning								
Acquisition-Land								
Design	10,772							10,772
Construction								
Equipment Acquisition								
Salary Recovery								
Other		1,069	101	1,189	138		2,497	2,497
Total Allocatio	n 10,772	1,069	101	1,189	138		2,497	13,269
Source of Funds								
8011 - HAS-Airports Improvement	10,772							10,772
AIF		1,069	101	1	138		1,309	1,309
Rev Bonds/Com Paper				1,188			1,188	1,188
Total Fund	s 10,772	1,069	101	1,189	138		2,497	13,269

Proposed CIP 12 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: New HPD Facility GEORGE BUSH INTERCONTINENTAL	Proje	ect No.		A-000430
Project Description				
Design and construct a new HPD Facillity	City Cour	ncil District		
	Location	В	Address Descr 2:	374
	Served:	ALL	Zip Codes:	77032
	Key Map:	333Z	Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
A new HPD Facility separate from the terminal area is needed to free up needed terminal space, terminal space parking and to increase	Units:		0	
HPD response time by moving the facility out of the terminal area.	Start Year:	200	7	
	RCC Total	\$	RCA Total	\$

Project Allegation	Previous			2044 2049	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	0		350				350	350
Construction					8,920		8,920	8,920
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			350		8,920		9,270	9,270
Source of Funds								
8011 - HAS-Airports Improvement	0							0
AIF			350		8,920		9,270	9,270
Total Funds	0		350		8,920		9,270	9,270

Proposed CIP 13 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Ground Transportation Mgmt System-GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.			A-000437
Project Description				
Provide ground transportation with a location and facilities for	City Cou	ncil District		
axi cab drivers while they wait for their turn to enter the airport erminal area	Location	В	Address Descr 2:	
	Served:	ALL	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 cue	Units:	()	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous						2044 2040	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design			200				200	200
Construction				1,000			1,000	1,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			200	1,000			1,200	1,200
Source of Funds								
AIF			200	1,000			1,200	1,200
Total Funds			200	1,000			1,200	1,200

Proposed CIP 14 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES				
Project: Extend Challenger Boulevard - EFD ELLINGTON AIRPORT	Pro	roject No.		A-000441	
Project Description					
Extend Challenger boulevard to Brantley and rework the roadway lighting to coordinate with the preferred traffic flow	City Co	uncil District			
juding to coordinate with the preferred traffic flow	Location	E	Address Descr 2:	577X	
	Served:	ALL	Zip Codes:	77034	
	Key Map:		Category:		
	Location Cod	e: UA-00	Sub-Category:		
Project Justification					
The roadway system need to be better defined to encourage and coordinate the preferred traffic flow for new development planned	Units:		0		
for Ellington Airport, specifically the new T-Hangers	Start Year:				
	RCC Total	\$	RCA Total	\$	

Duningt Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design		100					100	100
Construction		2,000					2,000	2,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		2,100					2,100	2,100
Source of Funds								
AIF		2,100					2,100	2,100
Total Funds		2,100					2,100	2,100

Proposed CIP 15 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)					CITY OF HOUSTON - AVIATION FACILITIES
Project: PN 604A Inter-Terminal Train (ITT) GEORGE BUSH INTERCONTINENTAL	Pro	ject No.			A-000477
Project Description					
Professional engineering services for the evaluation of existing conditions and design services for emergency repairs of the Inter	City Council District				
Terminal Train and the rehabilitation of critical infrastructure at George Bush Intercontinental Airport (IAH)	Location	В		Address Descr 2:	334W
	Served:	ALL		Zip Codes:	77032
	Key Map:			Category:	
	Location Code	e: 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	Units:		0		
reinforced concrete, damage the structural integrity of the tunnel	Start Year:		2013		
and reduce the overall life of the structure.	RCC Total	\$		RCA Total	\$

Duningt Allocation	Previous				2044 2049	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	500		1,000				1,000	1,500
Construction		5,000					5,000	5,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	500	5,000	1,000				6,000	6,500
Source of Funds								
8011 - HAS-Airports Improvement	500							500
AIF		5,000	1,000				6,000	6,000
Total Funds	500	5,000	1,000				6,000	6,500

Proposed CIP 16 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Terminal D Remodeling GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000483
Project Description				
Remodeling of Terminal D with upgrades of existing MEP (Mechanical, Electrical & Plumbing) systems and existing architectural/civil	City Co	uncil District		
systems. Also replace and update the fire suppression/domestic water system.	Location	В	Address Descr 2:	334X
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
Project needed to accommodate growth and current need consistent with long term concepts to improve passenger services.	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Puniost Allocation	Previous						2044 2040	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design					200		200	200
Construction					1,000		1,000	1,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					1,200		1,200	1,200
Source of Funds								
AIF					1,200		1,200	1,200
Total Funds					1,200		1,200	1,200

Proposed CIP 17 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Landside Roadway Improvements - IAH GEORGE BUSH INTERCONTINENTAL	Proj	ect No.		A-000509
Project Description				
Project will provide landside roadway repairs to pavement, joints, and manholes.	City Cou	ncil District		
nu mannoies.	Location	В	Address Descr	2: 374
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: 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	Units:		0	
cargo traffic.	Start Year:	2	007	
	RCC Total	\$	RCA Total	\$

Pusicat Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design	405							405
Construction		12,000					12,000	12,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	405	12,000					12,000	12,405
Source of Funds								
8011 - HAS-Airports Improvement	405							405
AIF		12,000					12,000	12,000
Total Funds	405	12,000					12,000	12,405

Proposed CIP 18 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: New GT Staging Area - GBIAH GEORGE BUSH INTERCONTINENTAL	Pro	ject 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	City Cou	uncil District		
new building to house HAS ground transportation staff for permitting and fee collection.	Location	В	Address Descr 2:	374
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
Project will help alleviate curbside and roadway congestion.	Units:	()	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous			2044 2040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						200	200	200
Construction						2,500	2,500	2,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						2,700	2,700	2,700
Source of Funds								
AIF						2,700	2,700	2,700
Total Funds						2,700	2,700	2,700

Proposed CIP 19 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)			CITY OF HOUSTON - AVIATION FACILITIES
Project: Airport Pavement Replacement HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ct No.	A-000513
Project Description			
This project provides engineering and construction services for the	City Cour	ncil District	
replacement/renewal of pavement on runways, taxiways, apron and roads due to unforseen circumstances or when minor immediate work is needed. The circumstances require quick response and limited funds for each project.	Location	BEI	Address Descr 2: 374, 575, 577
	Served:	ALL	Zip Codes:
	Key Map:		Category:
	Location Code:	UA-00	Sub-Category:
Project Justification			
To fund small projects which need immediate action to replace our pavement when unforseen events occur.	Units:	0	
pavement when uniorseen events occur.	Start Year:	2010	
	RCC Total	\$	RCA Total \$

Duningt Allocation	Previous			2044 2040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction	0		6,000			2,250	8,250	8,250
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			6,000			2,250	8,250	8,250
Source of Funds								
8011 - HAS-Airports Improvement	0							0
AIF			6,000				6,000	6,000
Airport Renl & Repl						2,250	2,250	2,250
Total Funds	0		6,000			2,250	8,250	8,250

Proposed CIP 20 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CITY OF HOUSTON - AVIATION FACILITIES					
Project: Reconstruct Taxiway SA AND SB - GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.		A-000515				
Project Description							
This project will reconstruct taxiway SA and SB to concrete taxiways	City Co	ouncil District					
	Location	В	Addr	ess Descr 2:			
	Served:	ALL	Zip C	Codes:	77032		
	Key Map:		Cate	gory:			
	Location Cod	de: UA-00	Sub-	Category:			
Project Justification							
These two taxiways are the last two asphalt taxiways on GBIAH airport. Taxiway SA will have reached its ten years life cycle	Units:		0				
(asphalt pavement) by year 2012	Start Year:						
	RCC Total	\$	RCA	Total	\$		

Business Allegarian	Previous						0044 0040	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design				4,000		4,000	4,000	
Construction						36,000	36,000	36,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				4,000		36,000	40,000	40,000
Source of Funds								
AIF				4,000		36,000	40,000	40,000
Total Funds				4,000		36,000	40,000	40,000

Proposed CIP 21 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Sanitary Sewer - GBIAH GEORGE BUSH INTERCONTINENTAL	Pro	ject 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	City Cou	uncil District		
staitons at Terminal D and one at ATCT (Air Traffic Control Tower)	Location	В	Address Descr 2:	374A
	Served:	ALL	Zip Codes:	77032
	Кеу Мар:		Category:	
	Location Code	e: 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.	Units:		0	
The existing sanitary sewer system serving Bush IAH has deteriorated to the point that several blockages, backups, deterioration and overflows have accurred. The existing lift stations are not in a adequate	Start Year:	201	2	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous	Previous						Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	9	1,600					1,600	1,609
Construction	1,016		8,000				8,000	9,016
Equipment Acquisition								
Salary Recovery								
Other								
Total Alloc	ation 1,025	1,600	8,000				9,600	10,625
Source of Funds								
8011 - HAS-Airports Improvement	1,025							1,025
AIF		1,600	8,000				9,600	9,600
Total F	unds 1,025	1,600	8,000				9,600	10,625

Proposed CIP 22 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Install Lighted Crosswalk on Termi-GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.			A-000517
Project Description				
Install lighted crosswalks to improve passenger safety in the passenger loading areas in all Terminals	City Co	uncil District		
asseriger loading areas in all remilials	Location	В	Address Descr 2:	374A, 374B
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
Safety concern related to passenger traffic crossing through heavy traffic area in the passenger loading and unloading areas	Units:		0	
thoughout the terminals.	Start Year:			
	RCC Total	\$	RCA Total	\$

Puniost Allocation	Previous			2014 2019	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						100	100	100
Construction						800	800	800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						900	900	900
Source of Funds								
AIF						900	900	900
Total Funds						900	900	900

Proposed CIP 23 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Expand Baggage Makeup Building - HOU WILLIAM P. HOBBY AIRPORT	Pro	oject No.		A-000518
Project Description				
Expand the existing baggage makeup building to the south to provide adequate baggage makeup area for new and future airlines.	City Co	ouncil District		
auequate baggage makeup area for new and future ammes.	Location	I	Address Descr 2:	575B
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Cod	de: UA-00	Sub-Category:	
Project Justification				
We currently have five carriers using the existing baggage makeup building. During heavy travel times the existing bag makeup area	Units:		0	
is at maximum capacity. The building needs to be expanded from two	Start Year:			
lane to four lane to help alternate existing congestion as well as providing expansion for future air-carrier requirements	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2010	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								
AIF						5,000	5,000	5,000
Total Funds						5,000	5,000	5,000

Proposed CIP 24 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES			
Project: Install Canopy at Pass Drop Off Area - H WILLIAM P. HOBBY AIRPORT	Proj	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	City Cou	ıncil District		
cover the west side, main doors and east side of passenger drop off area as well as both center and east walkways fro the garage to the terminal	Location	I	Address Descr 2:	575B
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Code	e: 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	Units:	C		
enhancement that will protect passengers from adverse weather conditions when utilizing the main terminal entrance doors	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		750					750	750
Construction			7,500				7,500	7,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		750	7,500				8,250	8,250
Source of Funds								
AIF		750	7,500				8,250	8,250
Total Funds		750	7,500				8,250	8,250

Proposed CIP 25 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Consolidated Communications Center, IAH GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000525
Project Description				
This project will construct an Airport Operations & Data Center. This state of the art facility will house Airport Communications Center (ACC) and Airport Operations Center (AOC) functions with the capability to support IAH, HOU and EFD simultaneously. The center will also include a data center supporting multiple airport	City Cou	uncil District		
	Location	В	Address Descr 2:	374
	Served:	ALL	Zip Codes:	77032
security and operati	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
The existing Department Operations Center (DOC), IAH Airport Operations Center (AOC), and IAH Airport Communications Center	Units:		0	
(ACC) are inadequate to support the increasing security and	Start Year:	200	9	
operational needs, and do not provide the desired level of redundancy.	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous				2014 2019	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		2,000					2,000	2,000
Construction	0			20,000			20,000	20,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		2,000		20,000			22,000	22,000
Source of Funds								
8011 - HAS-Airports Improvement	0							0
AIF		2,000		20,000			22,000	22,000
Total Funds	0	2,000		20,000			22,000	22,000

Proposed CIP 26 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: FIS & GENERAL AVIATION CENTER ELLINGTON AIRPORT	Project No.			A-000530
Project Description				
Construct a single story passenger terminal with international screening options. Only hardstand operations will accur at	City Co	uncil District		
Ellington. Common use ticketing and baggage claim, common hold rooms, restroom facilites. Construct adjacent surface parking lot	Location	E	Address Descr 2:	577Y
for pay operations, include two lane drop off and pick up zone in	Served:	ALL	Zip Codes:	77034
front of terminal	Key Map:		Category:	
	Location Cod	le: UA-00	Sub-Category:	
Project Justification				
To realize additional source of revenue for Ellington Airport. An airport that achieves 10,000 annual enplanements becomes classified as a primary airport eligible for AIP entitlement funding	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Puniost Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design		900					900	900
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		900					900	900
Source of Funds								
AIF		900					900	900
Total Funds		900					900	900

Proposed CIP 27 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES		
Project: Construct of Ellington Field Bypass -EFD	Project No.		A-000532			
ELLINGTON AIRPORT						
Project Description						
Project will design and construct the Ellington Field Bypass (Space Center Boulevard) from Hwy 3 to the existing Space Center Boulevard	City Cou	ncil District				
along the southern boundary of the airport.	Location	Е	Address Descr 2:	617C, 617D		
	Served:	ALL	Zip Codes:	77034		
	Key Map:		Category:			
	Location Code	e: 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	Units:	()			
traffic.	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						900	900	900
Construction						5,100	5,100	5,100
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						6,000	6,000	6,000
Source of Funds								
AIF						6,000	6,000	6,000
Total Funds						6,000	6,000	6,000

Proposed CIP 28 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Ramp Pavement Reconstruction - EFD ELLINGTON AIRPORT	Proje	ect No.		A-000533
Project Description				
Ramp pavement reconstruction adjacent to Southwest Airport Services FBO	City Cou	ncil District		
	Location	E	Address Descr 2:	577Y
	Served:	ALL	Zip Codes:	77034
	Key Map:	577Y	Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
The pavement dates to 1963 and has a current PCI of 12 which falls into the category of very poor. The FBO services large aircraft	Units:		0	
and continued use will only deteriorate pavement further.	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2044 2049	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						200	200	200
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						200	200	200
Source of Funds								
AIF						200	200	200
Total Funds						200	200	200

Proposed CIP 29 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)						
Project: Lee Road Reconstruction - IAH GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000535			
Project Description							
Lee Road will be redesigned to provide access to the northeast cargo area from FM 1960	City Co	uncil District					
lea nom PM 1900	Location	В	Address Descr 2:	334V, 334Z			
	Served:	ALL	Zip Codes:	77032			
	Key Map:		Category:				
	Location Code	e: UA-00	Sub-Category:				
Project Justification							
The existing Lee Road will be removed to make room for the expansion of the northeast cargo area. Lee Road will be redesigned to provide	Units:	()				
access to the cargo area	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allegation Previo							2044 2049	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						100	100	100
Construction						900	900	900
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						1,000	1,000	1,000
Source of Funds								
AIF						1,000	1,000	1,000
Total Funds						1,000	1,000	1,000

Proposed CIP 30 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Concessions Technology - GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.			A-000537
Project Description				
This project will provide digital advertising and mobile concession carts.	City Cou	ncil District		
arts.	Location	В	Address Descr 2:	374A, 374B
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
Revenue generator	Units:	C)	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Puniost Allocation	Previous			2014 2010	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning						1,000	1,000	1,000
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						1,000	1,000	1,000
Source of Funds							·	
AIF						1,000	1,000	1,000
Total Funds						1,000	1,000	1,000

Proposed CIP 31 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES			
Project: Economy Lot Parking Expansion - GBIAH GEORGE BUSH INTERCONTINENTAL	Proje	Project No.		A-000546
Project Description				
Expand economy parkin lot	City Cour	ncil District		
	Location	В	Address Descr 2:	575B, 575C
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
Revenue generator	Units:	C		
	Start Year:			
	RCC Total	\$	RCA Total	\$

Businest Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		1,000					1,000	1,000
Construction			10,800				10,800	10,800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		1,000	10,800				11,800	11,800
Source of Funds								
AIF		1,000					1,000	1,000
Rev Bonds			10,800				10,800	10,800
Total Funds		1,000	10,800				11,800	11,800

Proposed CIP 32 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: PN697 Prof Prog Mgmt HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ect No.		A-000547
Project Description				
Program management services for major projects	City Cou	ncil District		
	Location	BEI	Address Descr 2:	
	Served:	ALL	Zip Codes:	
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
This project will perform activities that directly support any of the work to be assigned to HAS for major projects	Units:		0	
, , ,	Start Year:	201	2	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous	us						Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning	20,000							20,000
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other			18,000				18,000	18,000
Total Allocation	20,000		18,000				18,000	38,000
Source of Funds								
8011 - HAS-Airports Improvement	20,000							20,000
AIF			18,000				18,000	18,000
Total Funds	20,000		18,000				18,000	38,000

Proposed CIP 33 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)			CITY OF HOUSTON - AVIATION FACILITIES
Project: PN696 HPD/HFD AirpRadios &CityWideCov HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ct No.	A-000549
Project Description			
This project will design and deploy a radio identification tracking	City Coun	cil District	
system serving all HAS locations. This RFID system will streamline fixed asset inventory procedures and improve accuracy of the fixed assets database. This will include hardware, software, scanner equipment, ID tags and related components	Location	BEI	Address Descr 2:
	Served:	ALL	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			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2010	Total
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	0							C
Salary Recovery								
Other						2,500	2,500	2,500
Total Allocation						2,500	2,500	2,500
Source of Funds								
8011 - HAS-Airports Improvement	0							C
AIF						2,500	2,500	2,500
Total Funds	0					2,500	2,500	2,500

Proposed CIP 34 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES			
Project: FAA Engineering Agreement ELLINGTON AIRPORT	Pro	ject No.		A-000564
Project Description				
Building a modern tower to facilitate the increasing traffic demands at Ellington Field	City Cou	uncil District		
at Ellington Field	Location	Е	Address Descr 2:	577X
	Served:	ALL	Zip Codes:	77034
	Key Map:		Category:	
	Location Code	e: 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	Units:		0	
wind-rating and no elevation	Start Year:	201	2	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous			2044 2049	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	812		105				105	917
Construction		750	6,400				7,150	7,150
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	812	750	6,505				7,255	8,067
Source of Funds								
8011 - HAS-Airports Improvement	812							812
AIF		750	6,505				7,255	7,255
Total Funds	812	750	6,505				7,255	8,067

Proposed CIP 35 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Terminal B South Piers Apron @ Bush IAH GEORGE BUSH INTERCONTINENTAL	Proj	ject No.		A-000565
Project Description				
Construct Terminal B South piers at Bush IAH replacing the flight	City Cou	ıncil District		
stations. Construct new apron, relocate public utilities and install new drainage in coordination with United Airlines construction of new concourse on the south side of Terminal B.	Location	В	Address Descr 2:	374A
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
This project is being constructed "in concert" with United Airlines construction of new concourse on the south side of Terminal B.	Units:)	
	Start Year:	200	3	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	3,750		1,000	6,500			7,500	11,250
Construction	6,102			122,700			122,700	128,802
Equipment Acquisition	28							28
Salary Recovery								
Other								
Total Allocation	9,880		1,000	129,200			130,200	140,080
Source of Funds								
8011 - HAS-Airports Improvement	9,880							9,880
Rev Bonds/Com Paper			1,000	129,200			130,200	130,200
Total Funds	9,880		1,000	129,200			130,200	140,080

Proposed CIP 36 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: New Runway per Master Plan IAH GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000568
Project Description				
Construct new runway in accordance with the Record of Decision (ROD) from IAH's Environmental Impact Statement. This project includes relocation of ARFF station and construction of Taxiways and drainage system	City Cou	uncil District		
	Location	В	Address Descr 2:	334, 374
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: 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	Units:	()	
passengers	Start Year:			
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous Appropriations			2014-2018	Project			
Project Allocation		2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						11,000	11,000	11,000
Construction						19,000	19,000	19,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						30,000	30,000	30,000
Source of Funds								
AIF						30,000	30,000	30,000
Total Funds						30,000	30,000	30,000

Proposed CIP 37 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Upgrade Airfields to Standards - GBIAH GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000569
Project Description				
Upgrade Taxiways to FAA standards for ADG VI Aircraft. Construction	City Co	uncil District		
in three phases:Taxiways in Phase I - EE, EA, NP, NBTaxiways in Phase II - NE, CC, NP, NF, NG,	Location	В	Address Descr 2:	334, 374
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
These modifications are needed to meet FAA airport regulations for ADG VI aircraft operations. This project supports "Go Global " goal.	Units:		0	
gean	Start Year:			
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous		2044 2049	Project				
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction			15,000				15,000	15,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			15,000				15,000	15,000
Source of Funds								
AIF			3,500				3,500	3,500
AIP			11,500				11,500	11,500
Total Funds			15,000				15,000	15,000

Proposed CIP 38 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Reconstruction of Taxiway NA & NB -GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.			A-000570
Project Description				
This project will reconstruct taxiway NA and NB. These taxiways have seen heavy traffic during last few years of its normal life	City Cou	uncil District		
cycle	Location	В	Address Descr 2:	334W, 334X
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code: UA-00		Sub-Category:	
Project Justification				
According to our pavement management these taxiways need to be reconstructed due to heavy traffic.	Units:		0	
	Start Year:	201	2	
	RCC Total	\$	RCA Total	\$

Business Allegarities	Previous						2014 2019	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	3,000			2,000			2,000	5,000
Construction						25,000	25,000	25,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	3,000			2,000		25,000	27,000	30,000
Source of Funds							·	
8011 - HAS-Airports Improvement	3,000							3,000
AIF				2,000		25,000	27,000	27,000
Total Funds	3,000			2,000		25,000	27,000	30,000

Proposed CIP 39 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: DRAINAGE CAPACITY - IAH GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000572
Project Description				
This project will purchase land and construct a detention pond offsite of George Bush Intercontinental Airport	City Co	uncil District		
nate of George Bush intercontinental Airport	Location	В	Address Descr 2:	375
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
The FAA advisory circular mandates that no detentions are allowed within 10,000 feet of runways. Water needs to drain from airfield	Units:		0	
to prevent wildlife from nesting near an airport	Start Year:			
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous				2044 2049	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land						5,000	5,000	5,000
Design						5,000	5,000	5,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						10,000	10,000	10,000
Source of Funds								
AIF						10,000	10,000	10,000
Total Funds						10,000	10,000	10,000

Proposed CIP 40 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Perimeter Security Intrusion Detection S GEORGE BUSH INTERCONTINENTAL	Project No.			A-000573
Project Description				
This project is to implement fence vibration technology to further enhance IAH perimeter security.	City Co	uncil District		
illiance iAir perimeter security.	Location	В	Address Descr 2:	333, 373
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
This will complete the Perimeter Intrusion Detection System (PIDS) not covered by ground radar.	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2044 2049	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						50	50	50
Construction						450	450	450
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						500	500	500
Source of Funds								
AIF						500	500	500
Total Funds						500	500	500

Proposed CIP 41 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Extend Taxiway G to Taxiway C - EFD ELLINGTON AIRPORT	Pro	Project No.		A-000575
Project Description				
Currently, aircraft must taxi on a portion of Runway 35R/17L to transition to/from Taxiway C to Taxiway G. An extension of taxiway	City Co	uncil District		
G is needed to eliminate aircraft from taxiing on a runway	Location	Е	Address Descr 2:	577V
	Served:	ALL	Zip Codes:	77034
	Key Map:		Category:	
	Location Cod	le: UA-00	Sub-Category:	
Project Justification				
The FAA inspection in March 2009 noted the possibility of an incursion exists in the current configuration. The FAA recommends	Units:		0	
installing a connector taxiway to eliminate the need to taxi on a runway, thereby reducing the potential for a runway incursion.	Start Year:			
	RCC Total	\$	RCA Total	\$

Puniost Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design						200	200	200
Construction						1,800	1,800	1,800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						2,000	2,000	2,000
Source of Funds								
AIF						2,000	2,000	2,000
Total Funds						2,000	2,000	2,000

Proposed CIP 42 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Modify N Electrical Vault and Misc. Elec WILLIAM P. HOBBY AIRPORT	Pro	oject No.		A-000576
Project Description				
This project is to integrate North vault with South vault circuits	City Co	uncil District		
enlarging vaults for IT and generators, provide upgrades to airfield electrical to close loop to infrastructure	Location	I	Address Descr 2:	575B
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Cod	le: UA-00	Sub-Category:	
Project Justification				
South vault and North vault operations create maintenance complexity. Airfield infrasturcture like duckbanks and aging	Units:		0	
circuits needs to be upgraded which were not covered under runway	Start Year:			
upgrades	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2010	Total
Planning								
Acquisition-Land								
Design						1,175	1,175	1,175
Construction						10,575	10,575	10,575
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						11,750	11,750	11,750
Source of Funds								
AIF						11,750	11,750	11,750
Total Funds						11,750	11,750	11,750

Proposed CIP 43 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES				
Project: NEW ELECTRICAL VAULT AT AOA - EFD	Project No.			A-000577	
Project Description					
	City Cou	uncil District			
	Location		Address Descr 2:		
	Served:		Zip Codes:		
	Key Map:	577X,Y	Category:		
	Location Code	e: UA-00	Sub-Category:		
Project Justification					
	Units:		0		
	Start Year:				
	RCC Total	\$	RCA Total	\$	

Project Allocation	Previous						2014-2018	Project Total
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	
Planning								
Acquisition-Land								
Design						275	275	275
Construction						2,475	2,475	2,475
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						2,750	2,750	2,750
Source of Funds								
AIF						2,750	2,750	2,750
Total Funds						2,750	2,750	2,750

Proposed CIP 44 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES		
Project: Hobby Drainage & Roadway Flooding - HOU	Project No.		A-000580			
WILLIAM P. HOBBY AIRPORT	Proje	ect No.		A-000560		
Project Description						
This project will provide drainage improvements at Hobby Airport	City Cour	ncil District				
	Location	I	Address Descr 2:			
	Served:	ALL	Zip Codes:	77061		
	Key Map:		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:	C)			
	Start Year:					
	RCC Total	\$	RCA Total	\$		

Project Allocation	Previous			2014-2018	Project			
Project Anocation	Appropriations	2014	2015	2016	2017	2018	2014-2010	Total
Planning								
Acquisition-Land								
Design						350	350	350
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation						350	350	350
Source of Funds								
AIF						350	350	350
Total Funds						350	350	350

Proposed CIP 45 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES			
Project: Future Fuel Farm Expansion - GBIAH GEORGE BUSH INTERCONTINENTAL	Project No.		A-000585				
Project Description							
This project is to increase the fuel storage capacity for the airlines	City Cou	uncil District					
illines	Location	В	Address Descr 2:	373D			
	Served:	ALL	Zip Codes:	77032			
	Key Map:		Category:				
	Location Code	e: UA-00	Sub-Category:				
Project Justification							
After the expansion of Terminal D and Terminal B South and North, the airlines need more fuel	Units:		0				
	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	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								
AIF			2,000	18,000			20,000	20,000
Total Funds			2,000	18,000			20,000	20,000

Proposed CIP 46 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Replace Public Utility lines IAH GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000586
Project Description				
Replace Public Utility Water and Sewer Lines around the IAH Terminal area and Central Cargo area.	City Co	uncil District		
nea and Central Cargo area.	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
Due to aging infrastructure the existing water and sewer lines have reached their useful life span of 35+ years.	Units:		0	
	Start Year:	20	11	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design	3,800					730	730	4,530
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	3,800					730	730	4,530
Source of Funds								
8011 - HAS-Airports Improvement	3,800							3,800
AIF						730	730	730
Total Funds	3,800					730	730	4,530

Proposed CIP 47 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Noise Program-Intangible GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000587
Project Description				
Sound Insulation of houses in the North Hollow Subdivision	City Cou	uncil District		
	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: 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	Units:		0	
EIS	Start Year:	201	1	
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous				2014 2019	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land	1,923	2,500	3,000				5,500	7,423
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation	1,923	2,500	3,000				5,500	7,423
Source of Funds								
8011 - HAS-Airports Improvement	1,923							1,923
AIF		300	400				700	700
AIP		2,200	2,600				4,800	4,800
Total Funds	1,923	2,500	3,000				5,500	7,423

Proposed CIP 48 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Hobby Roadway Relocation - HOU WILLIAM P. HOBBY AIRPORT	Project No.			A-000592
Project Description				
Relocate the Hobby entrance roadway. The roadway relocation will match the curb front of the new FIS building being constructed by	City Co	ouncil District		
Southwest Airlines. The project will improve teh curbfront rating from D or E to B or A. This roadway relocation will provide space for a new parking garage.	Location	I	Address Descr 2	:: 575B
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Cod	de: UA-00	Sub-Category:	
Project Justification				
The new FIS will increase passengers. This roadway relocation will help improve passenger flow into the terminal with better/larger	Units:		0	
curbfront area.	Start Year:			
	RCC Total	\$	RCA Total	\$

Dunings Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design								
Construction		12,000					12,000	12,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		12,000					12,000	12,000
Source of Funds								
AIF		12,000					12,000	12,000
AIP								0
Total Funds		12,000					12,000	12,000

Proposed CIP 49 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Hobby Roadway Relocation - HOU HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proje	ect No.		A-000594
Project Description				
This project will construct a parking guidance/locator system in HAS	City Cou	ncil District		
garages	Location	BEI	Address Descr 2:	
	Served:	ALL	Zip Codes:	
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
This project will generate revenue for HAS	Units:	C)	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design		8,000					8,000	8,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other		3,000					3,000	3,000
Total Allocation		11,000					11,000	11,000
Source of Funds								
AIF		11,000					11,000	11,000
Total Funds		11,000					11,000	11,000

Proposed CIP 50 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Term C SoApron Lighting Pole Replacement GEORGE BUSH INTERCONTINENTAL	Project No.			A-000598
Project Description				
Replacing terminal C south apron light poles, showing signs of corrosion and metal failure.	City Cou	uncil District		
onosion and metal fallule.	Location	В	Address Descr 2:	37
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
Normally light poles are not a maintenance issue, they are only replaced when damaged.	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction		1,500					1,500	1,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		1,500					1,500	1,500
Source of Funds								
AIF		1,500					1,500	1,500
Total Funds		1,500					1,500	1,500

Proposed CIP 51 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				
Project: PN 719 TERM D INTL FACILITY IMP & ADD GEORGE BUSH INTERCONTINENTAL	Pro	Project No.		A-000600	
Project Description					
This project will provide the facilities necessary for international growth. The master plan will determine if we need a new terminal	City Co	uncil District			
or if remodeling of Terminal D with upgrades of existing MEP (Mechanical, Electrical & Plumbing) systems and existing architectural/civil systems. is needed	Location	В	Address Descr 2:		
	Served:	ALL	Zip Codes:	77032	
	Key Map:		Category:		
	Location Code	e: UA-00	Sub-Category:		
Project Justification					
Project needed to accommodate growth and current need consistent with long term concepts to improve passenger services for	Units:	()		
international carriers	Start Year:				
	RCC Total	\$	RCA Total	\$	

Droinet Allegation	Project Allocation		Previous						
Project Allocation		Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning									
Acquisition-Land									
Design									
Construction			61,100	61,100	118,035	141,760		381,995	381,995
Equipment Acquisition									
Salary Recovery									
Other									
	Total Allocation		61,100	61,100	118,035	141,760		381,995	381,995
Source of Funds									
Rev Bonds/Com Paper			61,100	61,100	118,035	141,760		381,995	381,995
	Total Funds		61,100	61,100	118,035	141,760		381,995	381,995

Proposed CIP 52 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: PN720 HOU InternIFacility-LeaseAgrmnt.01 WILLIAM P. HOBBY AIRPORT	Proj	ect No.		A-000601
Project Description				
To provide rent credits to SW airlines for capital improvements to the existing terminal facility, office relocations and concessions	City Cou	ncil District		
shell space in the new International facility.	Location	I	Address Desc	or 2:
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category	y:
Project Justification				
Credits provided to South West Airlines for the New Use and Lease Agreement at Hobby related to construction of the Hobby	Units:		0	
International Facility	Start Year:	20	13	
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations				2014-2018	Project		
Project Anocation		2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design								
Construction	0			20,000			20,000	20,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				20,000			20,000	20,000
Source of Funds								
8011 - HAS-Airports Improvement	0							C
AIF				20,000			20,000	20,000
Total Funds	0			20,000			20,000	20,000

Proposed CIP 53 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES				
Project: Parking Garage Term C D & E GEORGE BUSH INTERCONTINENTAL	Project No.			A-000605				
Project Description								
Replace staris with steel frame stairwells and replace surface membrane in the parking garage.	City Cou	ıncil District						
icinibiane in the parking garage.	Location	В	Address Descr 2:	37				
	Served:	ALL	Zip Codes:	77032				
	Key Map:		Category:					
	Location Code	e: UA-00	Sub-Category:					
Project Justification								
This is a safety issue and customer service issue.	Units:	()					
	Start Year:							
	RCC Total	\$	RCA Total	\$				

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	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								
AIF		150	1,350				1,500	1,500
Total Funds		150	1,350				1,500	1,500

Proposed CIP 54 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Terminal A Ticket Level Noise Reduction	Dro	oject No.		A-000606
GEORGE BUSH INTERCONTINENTAL	FIC	gect No.		A-000000
Project Description				
Install sound proofing material over existing TSA bag belt area in the ticket level of Terminal A.	City Co	uncil District		
ie ticket ievel of Terminal A.	Location	В	Address Descr 2:	:
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	le: UA-00	Sub-Category:	
Project Justification				
This is in response to the noise complaints by airlines and passenger.	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation Previou				2044 2040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		200					200	200
Construction			1,800				1,800	1,800
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		200	1,800				2,000	2,000
Source of Funds								
AIF		200	1,800				2,000	2,000
Total Funds		200	1,800				2,000	2,000

Proposed CIP 55 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Term A/B Garage-PublicParking Imprvment GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000607
Project Description				
Install better signs, additional elevators, repainting the entire facility, remove piexi-glass, replace rusting fire hose cabinets and replace lighting at all elevator landings and walkways.	City Cou	ıncil District		
	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
For better and efficient customer service.	Units:	()	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Drainat Allocation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	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								
AIF		550	4,950				5,500	5,500
Total Funds		550	4,950				5,500	5,500

Proposed CIP 56 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Security Fence Replacement GEORGE BUSH INTERCONTINENTAL	Pro	ject No.		A-000608
Project Description				
Replace existing security fence with new material such as wrought iron or jersey barrier.	City Co	uncil District		
	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Cod	e: UA-00	Sub-Category:	
Project Justification				
To improve security and prevent further vehicular incursions on the airfield area. The existing fence has been patched numerous times.	Units:		0	
	Start Year:			
	RCC Total	\$	RCA Total	\$

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction			11,500				11,500	11,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			11,500				11,500	11,500
Source of Funds								
AIF			11,500				11,500	11,500
Total Funds			11,500				11,500	11,500

Proposed CIP 57 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Replace Existing Guard Booths-5 Booths GEORGE BUSH INTERCONTINENTAL	Proje	ect No.		A-000609
Project Description				
Replace existing guard booths at five locations. Add restroom facilities at 6 locations and add telephone and data lines to all	City Cou	ncil District		
the booths.	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	: UA-00	Sub-Category:	
Project Justification				
The existing facilities are old, in disrepair and beyone economical repair.	Units:	C)	
i Spani.	Start Year:			
	RCC Total	\$	RCA Total	\$

President Allocation Previo				2044 2040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction		270					270	270
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		270					270	270
Source of Funds								
AIF		270					270	270
Total Funds		270					270	270

Proposed CIP 58 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Cell Phone Lots on JFK & Will Clayton GEORGE BUSH INTERCONTINENTAL	Proj	ect No.		A-000610
Project Description				
Build cell phone lots on JFK and Will Clayton Boulevard.	City Cou	ıncil District		
	Location	В	Address Descr 2:	
	Served:	ALL	Zip Codes:	77032
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
This project will help reducing traffic congestion at the terminals.	Units:	()	
	Start Year:			
	RCC Total	\$	RCA Total	\$

	Previous			2044 2040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction		2,500					2,500	2,500
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		2,500					2,500	2,500
Source of Funds								
AIF		2,500					2,500	2,500
Total Funds		2,500					2,500	2,500

Proposed CIP 59 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES	
Project: Term B&C & West Baggage ElectricalVaults GEORGE BUSH INTERCONTINENTAL	Proj	ect No.	A-000612		
Project Description					
This project will focus on the critical electrical information located in Terminal B and Terminal C East and West Baggage Electrical Vault	City Cou	ncil District			
	Location	В	Address Descr 2:		
	Served:	ALL	Zip Codes:	77032	
	Key Map:		Category:		
	Location Code	e: UA-00	Sub-Category:		
Project Justification					
Complete the phased design in support to follow-on the renewal of selected IAH electrical infrastructure	Units:	()		
	Start Year:				
	RCC Total	\$	RCA Total	\$	

Previous Previous				2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design		100					100	100
Construction			750				750	750
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		100	750				850	850
Source of Funds								
AIF		100	750				850	850
Total Funds		100	750				850	850

Proposed CIP 60 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES				
Project: SecurityEnhancemntsAOAperimeterFenceLine WILLIAM P. HOBBY AIRPORT	Proje	Project No.		A-000613				
Project Description								
Construct a perimeter fence protection system around the airfield that will prevent teh intrusion of vehicular penetration	City Cou	ncil District						
	Location	I	Address Descr 2:					
	Served:	ALL	Zip Codes:	77061				
	Key Map:		Category:					
	Location Code	: UA-00	Sub-Category:					
Project Justification								
This will prevnet vehicle intrusion on airfield and wild life from digging under the AOA fence and getting into the airfield	Units:	C						
angging and a record of the gotting into the difficult	Start Year:							
	RCC Total	\$	RCA Total	\$				

Project Allocation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design		100					100	100
Construction			900				900	900
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		100	900				1,000	1,000
Source of Funds								
AIF		100	900				1,000	1,000
Total Funds		100	900				1,000	1,000

Proposed CIP 61 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: SatelliteCntrlUtilities-CUP Facility-HOU WILLIAM P. HOBBY AIRPORT	Project No.			A-000614
Project Description				
Complete the phased design and construction of a Satellite Central Utilities Plant (CUP) facility at Hobby Airport in addition to the	City Co	uncil District		
completion of incremental repairs the existing CUP to maintain reliable operation.	Location	I	Address Descr 2	::
	Served:	ALL	Zip Codes:	77061
	Key Map:		Category:	
	Location Cod	de: UA-00	Sub-Category:	
Project Justification				
The new Satellite CUP a complete thermal production and distribution facility will initially house heating system boilers,	Units:		0	
chillers piping and distrubution pumps to provide adequate heating	Start Year:			
to the existing terminals and new FIS.	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous	Previous						Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		375					375	375
Construction			3,375				3,375	3,375
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		375	3,375				3,750	3,750
Source of Funds								
AIF		375	3,375				3,750	3,750
Total Funds		375	3,375				3,750	3,750

Proposed CIP 62 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Cargo Ramp & Taxi Lane ELLINGTON AIRPORT	Project No.			A-000615
Project Description				
Construct a new Taxilane and Cargo ramp for six B-747, group V Taxilane (4000 Linear feet) Taxiway edge lights adding to existing	City Co	uncil District		
taxilane B	Location	E	Address Descr 2:	
	Served:	ALL	Zip Codes:	77034
	Key Map:		Category:	
	Location Cod	le: UA-00	Sub-Category:	
Project Justification				
This ramp will connect taxilane with the emerging Houston Ship Channel realated cargo development. This potential revenue is	Units:		0	
critical in improving financial standing of Ellington Airport.	Start Year:			
This facility would also support the spacepot.	RCC Total	\$	RCA Total	\$

Project Allocation	Previous				2014-2018	Project		
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design			900				900	900
Construction				8,380			8,380	8,380
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			900	8,380			9,280	9,280
Source of Funds								
AIF			900	8,380			9,280	9,280
Total Funds			900	8,380			9,280	9,280

Proposed CIP 63 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)		CITY OF HOUSTON - AVIATION FACILITIES						
Project: Install Category IIIA ILS ELLINGTON AIRPORT	Pro	Project No.		A-000616				
Project Description								
Install Category IIIA ILS equipment including approach lighting system and SMGCS equipment.	City Co	uncil District						
	Location	E	Address Descr 2:					
	Served:	ALL	Zip Codes:	77034				
	Key Map:		Category:					
	Location Cod	le: UA-00	Sub-Category:					
Project Justification								
Anticipated cargo activity will require an airport to accommodate operators arriving in low visibility conditions. Approval of category	Units:		0					
III ILS by FAA requires to have a SMGCS Plan.	Start Year:							
	RCC Total	\$	RCA Total	\$				

Duning the Allegation	Previous						2014-2018	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2016	Total
Planning								
Acquisition-Land								
Design					645		645	645
Construction						5,805	5,805	5,805
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					645	5,805	6,450	6,450
Source of Funds								
AIF					645	5,805	6,450	6,450
Total Funds					645	5,805	6,450	6,450

Proposed CIP 64 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES			
Project: Extend Runway 17R-35L	Droid	act No		A 000617			
ELLINGTON AIRPORT	Proje	ect No.	A-000617				
Project Description							
Extension of Runway 17R-35L, 200 - 1000 feet (North side)	City Cou	ncil District					
	Location	E	Address Descr 2:				
	Served:	ALL	Zip Codes:	77034			
	Key Map:		Category:				
	Location Code	: UA-00	Sub-Category:				
Project Justification							
Initial studies have recommended that Runway 17R-35L will need to be extended 200 - 1000 feet to support spaceport operations.	Units:	C)				
SACTOR TO SEPPON SPECIFIC SPECIFIC.	Start Year:						
	RCC Total	\$	RCA Total	\$			

Duelout Allouation	Previous			2014-2018	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design					545		545	545
Construction						4,905	4,905	4,905
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					545	4,905	5,450	5,450
Source of Funds								
AIF					545	4,905	5,450	5,450
Total Funds					545	4,905	5,450	5,450

Proposed CIP 65 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Runway 17R-35L Improvement ELLINGTON AIRPORT	Project No.			A-000618
Project Description				
Add asphalt shoulders to Runway 17R-35L and 4-22 to meet aircraft design group (ADG) IV requirements. Add shoulders to Taxiways A,B,C,E,F,G,H for ADG group IV requirements	City Co	ouncil District		
	Location	Е	Address Desc	er 2:
	Served:	ALL	Zip Codes:	77034
	Key Map:		Category:	
	Location Cod	de: UA-00	Sub-Category	:
Project Justification				
Bringing Ellington Airport into FAA compliance for ADG IV requirements.	Units:		0	
•	Start Year:			
	RCC Total	\$	RCA Total	\$

Dunings Allocation	Previous			0044 0040	Project			
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design					1,745		1,745	1,745
Construction						15,700	15,700	15,700
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation					1,745	15,700	17,445	17,445
Source of Funds								
AIF					1,745	15,700	17,445	17,445
Total Funds					1,745	15,700	17,445	17,445

Proposed CIP 66 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)	CITY OF HOUSTON - AVIATION FACILITIES					
Project: Rehabilitation of Airfield Service Road ELLINGTON AIRPORT	Project No.		A-000619			
Project Description						
Rehabilitate and upgrade portions of asphalt service road at	City Co	uncil District				
Ellington	Location	Е	Address Descr 2:			
	Served:	ALL	Zip Codes:	77034		
	Key Map:		Category:			
	Location Cod	e: UA-00	Sub-Category:			
Project Justification						
Portion of airfield perimeter service road (10,000 linear feet) is in need of repair and resurfacing asphalt. Portion of center field service road is in need of upgrade from gravel to asphalt. Service	Units:		0			
	Start Year:					
roads are critical to support maintenance of airfield to help limit the vehicle crossing of active runways.	RCC Total	\$	RCA Total	\$		

Duplest Allegation	Previous	Previous						Project
Project Allocation Ap	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design								
Construction				547			547	547
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation				547			547	547
Source of Funds								
AIF				547			547	547
Total Funds				547			547	547

Proposed CIP 67 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES			
Project: T-Hanger Ramp & Taxiway D Pavement	Project No.		A 000620				
ELLINGTON AIRPORT			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 Cou	ncil District					
1-Hanger ramp and add shoulders to the Taxiway D.	Location	E	Address Descr 2:				
	Served:	ALL	Zip Codes:	77034			
	Key Map:		Category:				
	Location Code: UA-00		Sub-Category:				
Project Justification							
Airfield must be maintained in accordance with FAA guidelines.	Units:	C					
	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation	Previous						2044 2049	Project
i roject Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design			96				96	96
Construction				859			859	859
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation			96	859			955	955
Source of Funds								
AIF			96	859			955	955
Total Funds			96	859			955	955

Proposed CIP 68 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES
Project: Public Addressing (PA) System HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)	Proj	ect No.		A-000621
Project Description				
Project is to replace the core components of our current PA system	City Cou	ncil District		
	Location	BEI	Address Descr 2:	
	Served:	ALL	Zip Codes:	
	Key Map:		Category:	
	Location Code	e: UA-00	Sub-Category:	
Project Justification				
The current core components are over 7 years old. The current system is Cobra-Net based, which is layer-2 and non-routable.	Units:	()	
, , , , , , , , , , , , , , , , , , , ,	Start Year:			
	RCC Total	\$	RCA Total	\$

Duningt Allocation	Previous	Previous						Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	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								
AIF			5,000				5,000	5,000
Total Funds			5,000				5,000	5,000

Proposed CIP 69 Form A

2014-2018 CAPITAL IMPROVEMENT PLAN (\$ Thousands)				CITY OF HOUSTON - AVIATION FACILITIES			
Project: Reworking Constr Taxiway WA/WB	Pro	ject No.	A-000622				
GEORGE BUSH INTERCONTINENTAL	FIC	Ject No.					
Project Description							
Reconstruct the pavement on Taxiways in the west complex (mainly taxiway WA, WB, and the attached taxiways to Runway 15L-33R)	City Co	uncil District					
taxiway WA, WB, and the attached taxiways to runway 152-551()	Location	В	Address Descr 2:	373E			
	Served:	ALL	Zip Codes:	77032			
	Key Map:		Category:				
	Location Code: UA-00		Sub-Category:				
Project Justification							
Pavement is cracking	Units:		0				
	Start Year:						
	RCC Total	\$	RCA Total	\$			

Project Allocation	Previous						2044 2049	Project
Project Allocation	Appropriations	2014	2015	2016	2017	2018	2014-2018	Total
Planning								
Acquisition-Land								
Design		3,000					3,000	3,000
Construction			30,000				30,000	30,000
Equipment Acquisition								
Salary Recovery								
Other								
Total Allocation		3,000	30,000				33,000	33,000
Source of Funds								
AIF		3,000	30,000				33,000	33,000
Total Funds		3,000	30,000				33,000	33,000

Proposed CIP 70 Form A