

## AVIATION FACILITIES 2015-2019 CAPITAL IMPROVEMENT PLAN

CIP No.	Project	Page
A-000501	ADM BLDG MOTOR POOL PARKING LOT	25
A-000564	AIR TRAFFIC CONTROL TOWER (ATCT) EFD	49
A-000513	Airport Pavement Replacement	31
A-000494	APM GUIDE WAY STRUCTURAL ENHANCEMEN	24
A-000520	Backup Generators - HOU	37
A-000615	Cargo Ramp & Taxi Lane	74
A-000610	Cell Phone Lots on JFK & Will Clayton	70
A-000422	Civic Art for Aviation-HAS	9
A-000532	Construct of Ellington Field Bypass -EFD	39
A-000448	CUP 480-VOLT DISTRIBUTION SYSTEM	15
A-000562	D-9 LOADING BRIDGE AT IAH	47
A-000623	DEMOLITION OF TOWER @ IAH (REIMB by FAA)	82
A-000572	DRAINAGE CAPACITY - IAH	53
A-000551	EAST END ENTRANCE CANOPY	44
A-000629	EFO SELF-FUELING SYS (EQUIP PURCHASE)	88
A-000484	EMERGENCY REPAIRS-COLLAPSED SLAB-GAT	23
A-000221	Expand Airport Services Complex - IAH	6
A-000617	Extend Runway 17R-35L	76
A-000530	FIS & GENERAL AVIATION CENTER	38
A-000474	FIS ELECTRICAL REHAB	20
A-000423	General Environmental Services - Has	10
A-000579	Grass Island Paving - EFD	57
A-000437	Ground Transportation Mgmt System-GBIAH	12
A-000596	HAS MULTI-USE COMPLEX	61
A-000580	Hobby Drainage & Roadway Flooding - HOU	58
A-000630	HOBBY PARKING OFFICE	89
A-000625	IAH FLEET MAINTENANCE BUILDING	84
A-000464	IAH MID-TO LONG TERM DOMESTIC WATER IM	17
A-000432	IAH SHORT TERM DOMESTIC WATER IMPROV	11
A-000519	Install Canopy at Pass Drop Off Area - H	36



**AVIATION FACILITIES 2015-2019 CAPITAL IMPROVEMENT PLAN**

CIP No.	Project	Page
A-000616	Install Category IIIA ILS	75
A-000517	Install Lighted Crosswalk on Termini-GBIAH	34
A-000509	Landside Roadway Improvements - IAH	29
A-000204	MID-FIELD TAXIWAY - T/W NP ALLIGNMENT	5
A-000348	Miscellaneous Construction	7
A-000576	Modify N Electrical Vault and Misc. Elec	55
A-000505	NEW CELL PHONE LOT AT HOBBY	26
A-000577	NEW ELECTRICAL VAULT AT AOA - EFD	56
A-000510	New GT Staging Area - GBIAH	30
A-000446	On Call Design & Eng Prof Svs-HAS	13
A-000602	ON CALL PLANNING SERVICES	65
A-000605	Parking Garage Term C D & E	66
A-000594	PARKING TECHNOLOGY	60
A-000354	People Mover Extension	8
A-000573	Perimeter Security Intrusion Detection S	54
A-000477	PN 604A Inter-Terminal Train (ITT)	21
A-000600	PN 719 TERM D INTL FACILITY IMP & ADD	63
A-000549	PN696 HPD/HFD AirpRadios &CityWideCov	43
A-000601	PN720 HOU InternlFacility-LeaseAgrmnt.01	64
A-000553	PN759 T/D Upgrade-E.BaggageMake-UpMatrix	45
A-000621	Public Addressing (PA) System	80
A-000618	R/W 17R-35L IMPROVEMENTS-ASPHALT SHOUL	77
A-000533	Ramp Pavement Reconstruction - EFD	40
A-000515	Reconstruct Taxiway SA AND SB - GBIAH	32
A-000570	Reconstruction of Taxiway NB - IAH	52
A-000555	Rehab Scholl St	46
A-000590	Rehabilitate and Expand ARFF Station-HAS	59
A-000619	Rehabilitation of Airfield Service Road	78
A-000507	REPLACE HOBBY DOMESTIC/FIRE TANK	28
A-000622	Reworking Constr Taxiway WA/WB	81
A-000516	Sanitary Sewer - GBIAH	33



**AVIATION FACILITIES 2015-2019 CAPITAL IMPROVEMENT PLAN**

CIP No.	Project	Page
A-000614	SatelliteCntrlUtilities-CUP Facility-HOU	73
A-000608	Security Fence Replacement	69
A-000628	SECURITY LANE BACKFLOW PREVENTION	87
A-000613	SecurityEnhancemntsAOAperimeterFenceLine	72
A-000543	SMGCS LGHTG & MARKINGS - FIS EXPANSION	42
A-000563	SPACE LOCATOR & SIGNAGE - TERM C/D GAR	48
A-000506	STERILE AREA CHECKPOINT EXIT LANE	27
A-000138	Technical Engineering Services	4
A-000452	TERM A BUILDING MGMT SYS MODERNIZATION	16
A-000465	TERM A NO & SO 480-VOLT DISTRIBUTION SYS	18
A-000607	Term A/B Garage-PublicParking Imprvment	68
A-000624	TERM B CORE & NO 480-VOLT DISTRIB SYS	83
A-000565	TERM B EXPANSION	50
A-000612	TERM C 480-VOLT DISTRIBUTION SYSTEM (CO	71
A-000472	TERM C BLDG MGMT SYS MODERNIZATION	19
A-000598	Term C SoApron Lighting Pole Replacement	62
A-000447	TERM D 480-VOLT DISTRIBUTION SYSTEM	14
A-000626	TERM-A NO & SO RESTROOM REMODEL	85
A-000518	TERMINAL A SOUTH CONCOURSE ROOF-PN75	35
A-000606	Terminal A Ticket Level Noise Reduction	67
A-000483	Terminal D Remodeling	22
A-000627	TERMINAL D TICKET COUNTER REFRESH	86
A-000620	T-Hanger Ramp & Taxiway D Pavement	79
A-000569	Upgrade Airfields to Standards - IAH	51
A-000541	VISUAL DOCKING GUIDANCE SYS - AIRCRAFT	41



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Technical Engineering Services HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000138	
<b>Project Description</b>					
Project funds structural, mechanical, electrical, communications, architectural, surveys, programming and laboratory services to investigate and support various projects,		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:	374,575&77	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Project required to assist Department of Aviation in research, scope, design, implementation of minor projects and CIP development.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	19,960		150	150	150	150	600	20,560
Construction	867							867
Equipment Acquisition								
Salary Recovery								
Other		2,500					2,500	2,500
<b>Total Allocation</b>	<b>20,828</b>	<b>2,500</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>3,100</b>	<b>23,928</b>
<b>Source of Funds</b>								
AIF		2,500	150	150	150	150	3,100	3,100
<b>Total Funds</b>	<b>20,828</b>	<b>2,500</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>3,100</b>	<b>23,928</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: MID-FIELD TAXIWAY - T/W NP ALLIGNMENT GEORGE BUSH INTERCONTINENTAL		Project No.		A-000204	
<b>Project Description</b>					
Taxiway connector between Taxiway SB and NBeast of the Airport Services Complex.		<b>City Council District</b>			
		Location	B	Address Descr 2:	374B
		Served:	W	Zip Codes:	77032
		Key Map:	374B	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Implements Master Plan recommendation toaccommodate aircraft traffic growth and safety.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					32,000		32,000	32,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>32,000</b>		<b>32,000</b>	<b>32,000</b>
<b>Source of Funds</b>								
Rev Bonds/Com Paper					32,000		32,000	32,000
<b>Total Funds</b>					<b>32,000</b>		<b>32,000</b>	<b>32,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Expand Airport Services Complex - IAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000221	
<b>Project Description</b>					
Project implements additional developments recommended by the Master Plan Study, consisting of vehicle maintenance shed, public safety, building storage facilities and shop ventilation systems.		<b>City Council District</b>			
		Location	B	Address Descr 2:	374B
		Served:	ALL	Zip Codes:	77032
		Key Map:	374B	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Project is necessary to enhance airport security, expand warehousing and vehicle facilities to meet anticipated needs.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	137					800	800	937
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>137</b>					<b>800</b>	<b>800</b>	<b>937</b>
<b>Source of Funds</b>								
AIF						800	800	800
<b>Total Funds</b>	<b>137</b>					<b>800</b>	<b>800</b>	<b>937</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Miscellaneous Construction HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000348	
<b>Project Description</b>					
Project provides funds for construction services to perform minor wall/door relocations, minor carpet replacements and limited scope construction for airlines and other tenants.		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:	N/A	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Project provides unforeseen construction requirements at each of the three airports to maintain safety and efficient customer/tenant services.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	1,046							1,046
Construction	15,077	3,000	3,000	3,000	3,000	3,000	15,000	30,077
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>16,123</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>15,000</b>	<b>31,123</b>
<b>Source of Funds</b>								
AIF		3,000	3,000	3,000	3,000	3,000	15,000	15,000
<b>Total Funds</b>	<b>16,123</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>3,000</b>	<b>15,000</b>	<b>31,123</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: People Mover Extension GEORGE BUSH INTERCONTINENTAL		Project No.		A-000354	
<b>Project Description</b>					
Upgrade tech control system of the APM System.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:	374A	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The antiquated control system has lasted beyond its useful life cycle.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	8,897	500				500	9,397	
Construction	386		2,000			2,000	2,386	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>9,282</b>	<b>500</b>	<b>2,000</b>			<b>2,500</b>	<b>11,782</b>	
<b>Source of Funds</b>								
AIF		500	2,000			2,500	2,500	
<b>Total Funds</b>	<b>9,282</b>	<b>500</b>	<b>2,000</b>			<b>2,500</b>	<b>11,782</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Civic Art for Aviation-HAS HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000422	
<b>Project Description</b>					
Incorporate artwork in building projects planned for public use.		<b>City Council District</b>			
		Location	BEI	Address Descr 2:	
		Served:	ALL	Zip Codes:	
		Key Map:	N/A	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Projects needed to incorporate art work in building projects planned for public use.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	10,899							10,899
Construction								
Equipment Acquisition								
Salary Recovery								
Other		1,750		3,076		4,288	9,114	9,114
<b>Total Allocation</b>	<b>10,899</b>	<b>1,750</b>		<b>3,076</b>		<b>4,288</b>	<b>9,114</b>	<b>20,013</b>
<b>Source of Funds</b>								
AIF				101		350	451	451
Rev Bonds/Com Paper		1,750		2,975		3,938	8,663	8,663
<b>Total Funds</b>	<b>10,899</b>	<b>1,750</b>		<b>3,076</b>		<b>4,288</b>	<b>9,114</b>	<b>20,013</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: General Environmental Services - Has HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000423	
<b>Project Description</b>					
Rehabilitate and/or replace the IAH storm water pollution control systems' structural 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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:	334W&X,374	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Existing storm water pollution control structural systems (environmental lift stations) at IAH do not meet current day capacity & operational requirements to ensure continued compliance with TCEQ TPDES SWPPP requirements. This project funds the rehabilitation and/or replacement of the devices with those that meet regulatory requirements.		Units:	0		
		Start Year:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	656	1,000				1,000	1,656	
Construction			15,000			15,000	15,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>656</b>	<b>1,000</b>	<b>15,000</b>			<b>16,000</b>	<b>16,656</b>	
<b>Source of Funds</b>								
AIF		1,000	15,000			16,000	16,000	
<b>Total Funds</b>	<b>656</b>	<b>1,000</b>	<b>15,000</b>			<b>16,000</b>	<b>16,656</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH SHORT TERM DOMESTIC WATER IMPROVMNT GEORGE BUSH INTERCONTINENTAL		Project No.		A-000432	
<b>Project Description</b>					
Install temporary storage tanks and pumps at Terminals A, B and FIS PDD.		<b>City Council District</b>			
		Location	B	Address Descr 2:	374A, 374E, 374J
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		300				300	300	
Construction			2,700			2,700	2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>300</b>	<b>2,700</b>			<b>3,000</b>	<b>3,000</b>	
<b>Source of Funds</b>								
AIF		300	2,700			3,000	3,000	
<b>Total Funds</b>		<b>300</b>	<b>2,700</b>			<b>3,000</b>	<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Ground Transportation Mgmt System-GBIAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000437	
<b>Project Description</b>					
Provide ground transportation with a location and facilities for taxi cab drivers while they wait for their turn to enter the airport terminal area.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	AI.E442.1	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		200				200	200	
Construction			1,000			1,000	1,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>200</b>	<b>1,000</b>			<b>1,200</b>	<b>1,200</b>	
<b>Source of Funds</b>								
AIF		200	1,000			1,200	1,200	
<b>Total Funds</b>		<b>200</b>	<b>1,000</b>			<b>1,200</b>	<b>1,200</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: On Call Design & Eng Prof Svs-HAS HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000446	
<b>Project Description</b>					
This "On Call" contract will provide engineering and architectural professional services on an "As needed" basis in emergency cases or for the jobs that are too small for RFQ's and too large for JOC.		<b>City Council District</b>			
		Location	BEI	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	AE.W440.1	Sub-Category:	
<b>Project Justification</b>					
This "On Call" service provides HAS the ability to quickly handle emergency situations.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		6,600	6,600	6,600	6,600	6,000	32,400	32,400
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>6,600</b>	<b>6,600</b>	<b>6,600</b>	<b>6,600</b>	<b>6,000</b>	<b>32,400</b>	<b>32,400</b>
<b>Source of Funds</b>								
AIF		6,600	6,600	6,600	6,600	6,000	32,400	32,400
<b>Total Funds</b>		<b>6,600</b>	<b>6,600</b>	<b>6,600</b>	<b>6,600</b>	<b>6,000</b>	<b>32,400</b>	<b>32,400</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM D 480-VOLT DISTRIBUTION SYSTEM GEORGE BUSH INTERCONTINENTAL		Project No.		A-000447	
<b>Project Description</b>					
Repair priority deficiencies. Replace switchgear, panels, transfer switches and transformers.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The existing 480-volt distribution system in Terminal D is beyond anticipated service life. This project funds replacement of designated distribution system components to maintain a reliable electrical power system in the terminal.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		1,000				1,000	1,000	
Construction			12,500			12,500	12,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,000</b>	<b>12,500</b>			<b>13,500</b>	<b>13,500</b>	
<b>Source of Funds</b>								
AIF		1,000	12,500			13,500	13,500	
<b>Total Funds</b>		<b>1,000</b>	<b>12,500</b>			<b>13,500</b>	<b>13,500</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: CUP 480-VOLT DISTRIBUTION SYSTEM WILLIAM P. HOBBY AIRPORT		Project No.		A-000448	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		800				800	800	
Construction			5,200			5,200	5,200	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>800</b>	<b>5,200</b>			<b>6,000</b>	<b>6,000</b>	
<b>Source of Funds</b>								
AIF		800	5,200			6,000	6,000	
<b>Total Funds</b>		<b>800</b>	<b>5,200</b>			<b>6,000</b>	<b>6,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM A BUILDING MGMT SYS MODERNIZATION GEORGE BUSH INTERCONTINENTAL		Project No.		A-000452	
<b>Project Description</b>					
Replace the existing Building Management System in Terminal A with a system to provide automated and scheduling management of energy-consuming systems such as Heating, Ventilation, Air Conditioning (HVAC), electrical and lighting distribution system.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The existing system provides no means for automated control of building systems, which negatively impacts customer service and limits the Airport's ability to implement energy conservation/cost reduction programs.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		200				200	200	
Construction			1,800			1,800	1,800	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>200</b>	<b>1,800</b>			<b>2,000</b>	<b>2,000</b>	
<b>Source of Funds</b>								
AIF		200	1,800			2,000	2,000	
<b>Total Funds</b>		<b>200</b>	<b>1,800</b>			<b>2,000</b>	<b>2,000</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH MID-TO LONG TERM DOMESTIC WATER IMPR GEORGE BUSH INTERCONTINENTAL		Project No.		A-000464	
<b>Project Description</b>					
Install permanent ground storage tanks and booster pumps to supply IAH Campus, (contingent on COH PWE NEWPP Capital Programing). Increase existing CTA 12" Distribution Pipe to 16" to meet future fire flow requirements.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	A	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The existing system does not provide ample residual water storage capacity or supply volume to maintain acceptable water supply pressure to Airport terminals and central utilities plant. To help customer service, a larger capital investment through the installation of numerous building-specific storage tanks and pumps.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			2,000			2,000	2,000	
Construction				18,000		18,000	18,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>2,000</b>	<b>18,000</b>		<b>20,000</b>	<b>20,000</b>	
<b>Source of Funds</b>								
AIF			2,000	18,000		20,000	20,000	
<b>Total Funds</b>			<b>2,000</b>	<b>18,000</b>		<b>20,000</b>	<b>20,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM A NO & SO 480-VOLT DISTRIBUTION SYS GEORGE BUSH INTERCONTINENTAL		Project No.		A-000465	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			2,000				2,000	2,000
Construction				18,000			18,000	18,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>2,000</b>	<b>18,000</b>			<b>20,000</b>	<b>20,000</b>
<b>Source of Funds</b>								
AIF			2,000	18,000			20,000	20,000
<b>Total Funds</b>			<b>2,000</b>	<b>18,000</b>			<b>20,000</b>	<b>20,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM C BLDG MGMT SYS MODERNIZATION GEORGE BUSH INTERCONTINENTAL		Project No.		A-000472	
<b>Project Description</b>					
Replace the existing Building Management System in Terminal A with a system to provide automated and scheduling management of energy-consuming systems such as Heating, Ventilation, Air Conditioning (HVAC), electrical and lighting distribution systems.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The existing system provides no means for automated control of building systems, which negatively impacts customer service and limits the Airport's ability to implement energy conservation/cost reduction programs.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			300				300	
Construction				2,700			2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>300</b>	<b>2,700</b>			<b>3,000</b>	
<b>Source of Funds</b>								
AIF			300	2,700			3,000	
<b>Total Funds</b>			<b>300</b>	<b>2,700</b>			<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: FIS ELECTRICAL REHAB GEORGE BUSH INTERCONTINENTAL		Project No.		A-000474	
<b>Project Description</b>					
A recent infrastructure assessment of the FIS 480-volt electrical distribution system identified component deficiencies which impact service reliability.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This project funds the replacement of designated distribution system components to extend the useful service life and maintain adequate customer service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction					500		500	500
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>500</b>		<b>500</b>	<b>500</b>
<b>Source of Funds</b>								
AIF					500		500	500
<b>Total Funds</b>					<b>500</b>		<b>500</b>	<b>500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 604A Inter-Terminal Train (ITT) GEORGE BUSH INTERCONTINENTAL		Project No.		A-000477	
<b>Project Description</b>					
Professional engineering services for the evaluation of existing conditions and design services for emergency repairs of the Inter Terminal Train and the rehabilitation at George Bush Intercontinental Airport (IAH).		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	500	1,000					1,000	1,500
Construction						20,000	20,000	20,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>500</b>	<b>1,000</b>				<b>20,000</b>	<b>21,000</b>	<b>21,500</b>
<b>Source of Funds</b>								
AIF		1,000				20,000	21,000	21,000
<b>Total Funds</b>	<b>500</b>	<b>1,000</b>				<b>20,000</b>	<b>21,000</b>	<b>21,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Terminal D Remodeling GEORGE BUSH INTERCONTINENTAL		Project No.		A-000483	
<b>Project Description</b>					
Remodeling of Terminal D with upgrades of existing MEP (Mechanical, Electrical and Plumbing) systems and existing architectural/civil systems. Also replace and update the fire suppression/domestic water system.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design				200		200	200	
Construction				1,000		1,000	1,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>				<b>1,200</b>		<b>1,200</b>	<b>1,200</b>	
<b>Source of Funds</b>								
AIF								
Airport Renl & Repl				1,200		1,200	1,200	
<b>Total Funds</b>				<b>1,200</b>		<b>1,200</b>	<b>1,200</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		350				350	350	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>350</b>				<b>350</b>	<b>350</b>	
<b>Source of Funds</b>								
AIF		350				350	350	
<b>Total Funds</b>		<b>350</b>				<b>350</b>	<b>350</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: APM GUIDE WAY STRUCTURAL ENHANCEMENTS GEORGE BUSH INTERCONTINENTAL		Project No.		A-000494	
<b>Project Description</b>					
Various structural components of the Automated People Mover (APM) guide way require renewal to maintain the integrity and alignment of installed rail components. This project funds the service life renewal of designated guide way structural components based on recently completed infrastructure condition assessments.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Failure to replace the structural components outlined in the condition assessments will reduce the remaining service life of the APM System and may result in reduced levels of customer service due to increased day-to-day maintenance requirements and resulting operational impacts.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			50			50	50	
Construction				450		450	450	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>50</b>	<b>450</b>		<b>500</b>	<b>500</b>	
<b>Source of Funds</b>								
AIF			50	450		500	500	
<b>Total Funds</b>			<b>50</b>	<b>450</b>		<b>500</b>	<b>500</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: ADM BLDG MOTOR POOL PARKING LOT GEORGE BUSH INTERCONTINENTAL		Project No.		A-000501	
<b>Project Description</b>					
Provide an exclusive parking lot for the assigned Motor Pool Vehicles. Pave the surface, number parking spaces and install parking control equipment used to aid in monitoring vehicle security and usage.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Provide secure an exclusive parking for the assigned Motor Pool Vehicles used to provide transportation for administration building personnel.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		25				25	25	
Construction			225			225	225	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>25</b>	<b>225</b>			<b>250</b>	<b>250</b>	
<b>Source of Funds</b>								
AIF		25	225			250	250	
<b>Total Funds</b>		<b>25</b>	<b>225</b>			<b>250</b>	<b>250</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: NEW CELL PHONE LOT AT HOBBY WILLIAM P. HOBBY AIRPORT		Project No.		A-000505	
<b>Project Description</b>					
New and modernized cell phone lot. Fenced, paved and lighted parking with restrooms and vending services. Wi-Fi availability with updated flight arrival status.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Secure and paved cell phone lot that provides spaces and services.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			125				125	
Construction				1,125			1,125	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>125</b>	<b>1,125</b>			<b>1,250</b>	
<b>Source of Funds</b>								
AIF			125	1,125			1,250	
<b>Total Funds</b>			<b>125</b>	<b>1,125</b>			<b>1,250</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: STERILE AREA CHECKPOINT EXIT LANE WILLIAM P. HOBBY AIRPORT		Project No.		A-000506	
<b>Project Description</b>					
Design and Construction of sterile area exit lanecontrols using technology to eliminate the needfor personnel at the exit lane.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Compliance with TSA security directives.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		40					40	40
Construction			360				360	360
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>40</b>	<b>360</b>				<b>400</b>	<b>400</b>
<b>Source of Funds</b>								
AIF		40	360				400	400
<b>Total Funds</b>		<b>40</b>	<b>360</b>				<b>400</b>	<b>400</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: REPLACE HOBBY DOMESTIC/FIRE TANK WILLIAM P. HOBBY AIRPORT		Project No.		A-000507	
<b>Project Description</b>					
Demolish the existing tank, fabricate and/orpurchase and install a replacement tank, divider,associated valves and plumbing, power, pumpsand controls.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The existing tank due to age size and conditionmay continue to have additional leaks and maynot be adequate for the expansion of the newterminal and international concourse.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		100				100	100	
Construction			900			900	900	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>100</b>	<b>900</b>			<b>1,000</b>	<b>1,000</b>	
<b>Source of Funds</b>								
AIF		100	900			1,000	1,000	
<b>Total Funds</b>		<b>100</b>	<b>900</b>			<b>1,000</b>	<b>1,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Landside Roadway Improvements - IAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000509	
<b>Project Description</b>					
Project will provide landside roadway repairs to pavement, joints, and manholes.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2007		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	405						405	
Construction		13,799				13,799	13,799	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>405</b>	<b>13,799</b>				<b>13,799</b>	<b>14,204</b>	
<b>Source of Funds</b>								
AIF		13,799				13,799	13,799	
<b>Total Funds</b>	<b>405</b>	<b>13,799</b>				<b>13,799</b>	<b>14,204</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: New GT Staging Area - GBIAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000510	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Project will help alleviate curbside and roadway congestion.		Units:	0		
		Start Year:	2013		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design						200	200	200
Construction	456	544					544	1,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>456</b>	<b>544</b>				<b>200</b>	<b>744</b>	<b>1,200</b>
<b>Source of Funds</b>								
AIF		544				200	744	744
<b>Total Funds</b>	<b>456</b>	<b>544</b>				<b>200</b>	<b>744</b>	<b>1,200</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		7,900			2,250	2,000	12,150	12,150
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>7,900</b>			<b>2,250</b>	<b>2,000</b>	<b>12,150</b>	<b>12,150</b>
<b>Source of Funds</b>								
AIF		7,000					7,000	7,000
Airport Renl & Repl		900			2,250	2,000	5,150	5,150
<b>Total Funds</b>		<b>7,900</b>			<b>2,250</b>	<b>2,000</b>	<b>12,150</b>	<b>12,150</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Reconstruct Taxiway SA AND SB - GBIAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000515	
<b>Project Description</b>					
This project will reconstruct taxiway SA and SB to concrete taxiways.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
These two taxiways are the last two asphalt taxiways on GBIAH airport. Taxiway SA will have reached its ten years life cycle (asphalt pavement) by year 2012.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			4,000				4,000	
Construction					36,000		36,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>4,000</b>		<b>36,000</b>		<b>40,000</b>	
<b>Source of Funds</b>								
Rev Bonds/Com Paper			4,000		36,000		40,000	
<b>Total Funds</b>			<b>4,000</b>		<b>36,000</b>		<b>40,000</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Sanitary Sewer - GBIAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000516	
<b>Project Description</b>					
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).		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2012		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	9						9	
Construction	1,016	8,952				8,952	9,968	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>1,025</b>	<b>8,952</b>				<b>8,952</b>	<b>9,977</b>	
<b>Source of Funds</b>								
AIF		8,952				8,952	8,952	
<b>Total Funds</b>	<b>1,025</b>	<b>8,952</b>				<b>8,952</b>	<b>9,977</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Install Lighted Crosswalk on Termini-GBIAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000517	
<b>Project Description</b>					
Install lighted crosswalks to improve passenger safety in the passenger loading areas in all Terminals.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Safety concern related to passenger traffic crossing through heavy traffic area in the passenger loading and unloading areas throughout the terminals.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

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

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERMINAL A SOUTH CONCOURSE ROOF-PN750 GEORGE BUSH INTERCONTINENTAL		Project No.		A-000518	
<b>Project Description</b>					
Expand the existing baggage makeup building to the south to provide adequate baggage makeup area for new and future airlines.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
We currently have five carriers using the existing baggage makeup building. During heavy travel times the existing bag makeup area is at capacity. The building needs to be expanded from two lane to four lane to help alternate existing congestion as well as providing expansion for future air- carrier requirements.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					500		500	500
Construction					4,500		4,500	4,500
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>5,000</b>		<b>5,000</b>	<b>5,000</b>
<b>Source of Funds</b>								
Airport Renl & Repl					5,000		5,000	5,000
<b>Total Funds</b>					<b>5,000</b>		<b>5,000</b>	<b>5,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Install Canopy at Pass Drop Off Area - H WILLIAM P. HOBBY AIRPORT		Project No.		A-000519	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		7,500					7,500	7,500
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>7,500</b>					<b>7,500</b>	<b>7,500</b>
<b>Source of Funds</b>								
AIF		7,500					7,500	7,500
<b>Total Funds</b>		<b>7,500</b>					<b>7,500</b>	<b>7,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Backup Generators - HOU WILLIAM P. HOBBY AIRPORT		Project No.		A-000520	
<b>Project Description</b>					
Install a 12-4-7 backup generator and associated components to include expanding the existing service building or adding new structure for housing of the equipment.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The back-up generator will provide power during a commercial power failure.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design						950	950	950
Construction						6,550	6,550	6,550
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>7,500</b>	<b>7,500</b>	<b>7,500</b>
<b>Source of Funds</b>								
AIF						7,500	7,500	7,500
<b>Total Funds</b>						<b>7,500</b>	<b>7,500</b>	<b>7,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: FIS & GENERAL AVIATION CENTER ELLINGTON AIRPORT		Project No.		A-000530	
<b>Project Description</b>					
Construct a single story passenger terminal with international screening options. Only hardstand operations will occur at Ellington. Common use ticketing and baggage claim, common hold rooms, restroom facilities. Construct adjacent surface parking lot for pay operations, include two lane drop off and pick up zone in front of terminal.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		900					900	900
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>900</b>					<b>900</b>	<b>900</b>
<b>Source of Funds</b>								
AIF		900					900	900
<b>Total Funds</b>		<b>900</b>					<b>900</b>	<b>900</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Construct of Ellington Field Bypass -EFD ELLINGTON AIRPORT		Project No.		A-000532	
<b>Project Description</b>					
Project will design and construct the Ellington Field Bypass (Space Center Boulevard) from Hwy 3 to the existing Space Center boulevard		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:	617 C,D	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design						900	900	900
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>900</b>	<b>900</b>	<b>900</b>
<b>Source of Funds</b>								
AIF						900	900	900
<b>Total Funds</b>						<b>900</b>	<b>900</b>	<b>900</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Ramp Pavement Reconstruction - EFD ELLINGTON AIRPORT		Project No.		A-000533	
<b>Project Description</b>					
Project will design and construct the Ellington Field Bypass (Space Center Boulevard) from Hwy 3 to the existing Space Center boulevard.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:	577Y	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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 and continued use will only deteriorate pavement further.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					200		200	200
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>200</b>		<b>200</b>	<b>200</b>
<b>Source of Funds</b>								
AIF					200		200	200
<b>Total Funds</b>					<b>200</b>		<b>200</b>	<b>200</b>



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: VISUAL DOCKING GUIDANCE SYS - AIRCRAFTS WILLIAM P. HOBBY AIRPORT		Project No.		A-000541	
<b>Project Description</b>					
Visual Docking Guidance System needs to be added to enhance docking system at the gate to ensure aircraft remains clear of obstructions and aircraft is in correct position to dock with the PLB.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:	575B	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
To ensure that the aircraft remains clear of obstructions and aircraft is in correct position to dock with the PLB.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			300				300	
Construction				2,700			2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>300</b>	<b>2,700</b>			<b>3,000</b>	
<b>Source of Funds</b>								
AIF			300	2,700			3,000	
<b>Total Funds</b>			<b>300</b>	<b>2,700</b>			<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: SMGCS LGHTG & MARKINGS - FIS EXPANSION WILLIAM P. HOBBY AIRPORT		Project No.		A-000543	
<b>Project Description</b>					
Design and construction of Low visibility lighting and markings. Installation of in-pavement center line lighting and placement of surface markings.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Compliance with SMGCS low visibility lighting and marking requirements to ensure continued operations during low visibility.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			120				120	
Construction				1,080			1,080	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>120</b>	<b>1,080</b>			<b>1,200</b>	
<b>Source of Funds</b>								
AIF			120	1,080			1,200	
<b>Total Funds</b>			<b>120</b>	<b>1,080</b>			<b>1,200</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN696 HPD/HFD AirpRadios &CityWideCov HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000549	
<b>Project Description</b>					
This project will design and deploy a radio identification tracking 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.		<b>City Council District</b>			
		Location	BEI	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition	2,019							2,019
Salary Recovery								
Other					2,500		2,500	2,500
<b>Total Allocation</b>	<b>2,019</b>				<b>2,500</b>		<b>2,500</b>	<b>4,519</b>
<b>Source of Funds</b>								
AIF					2,500		2,500	2,500
<b>Total Funds</b>	<b>2,019</b>				<b>2,500</b>		<b>2,500</b>	<b>4,519</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: EAST END ENTRANCE CANOPY WILLIAM P. HOBBY AIRPORT		Project No.		A-000551	
<b>Project Description</b>					
Design and installation of a canopy and two automatic slide entry doors.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The installation of this new canopy will provide an opening day fresh/positive customer experience.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		150					150	150
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>150</b>					<b>150</b>	<b>150</b>
<b>Source of Funds</b>								
AIF		150					150	150
<b>Total Funds</b>		<b>150</b>					<b>150</b>	<b>150</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN759 T/D Upgrade-E.BaggageMake-UpMatrix GEORGE BUSH INTERCONTINENTAL		Project No.		A-000553	
<b>Project Description</b>					
Terminal D baggage system upgrades to improve capacity and reliability of East bag makeup.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Numerous bag system failures have recently occurred in the Terminal D East bag makeup room. In addition, the TSA plans to close the West bag make up room in the near future. New carousels are urgently needed to provide an adequate level of service and reliability.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		500				500	500	
Construction			4,500			4,500	4,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>500</b>	<b>4,500</b>			<b>5,000</b>	<b>5,000</b>	
<b>Source of Funds</b>								
AIF		500	4,500			5,000	5,000	
<b>Total Funds</b>		<b>500</b>	<b>4,500</b>			<b>5,000</b>	<b>5,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Rehab Scholl St ELLINGTON AIRPORT		Project No.		A-000555	
<b>Project Description</b>					
This street will be the only throughfare to Rocketman FBO (Fixed Base Operator) and NASA 990.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The road is not adequate to handle the traffic.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction			2,700			2,700	2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>2,700</b>			<b>2,700</b>	<b>2,700</b>	
<b>Source of Funds</b>								
AIF			2,700			2,700	2,700	
<b>Total Funds</b>			<b>2,700</b>			<b>2,700</b>	<b>2,700</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: D-9 LOADING BRIDGE AT IAH GEORGE BUSH INTERCONTINENTAL	Project No.	A-000562	
<b>Project Description</b>			
Modification of Terminal D Gate D-9 to accommodate A-380 Aircraft.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	W	Zip Codes: 77032
	Key Map:		Category:
	Location Code: UA-00		Sub-Category:
<b>Project Justification</b>			
Improve operational readiness to handle expanded A-380 operations at Bush Intercontinental Airport (IAH).	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		500				500	500	
Construction		4,500				4,500	4,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>5,000</b>				<b>5,000</b>	<b>5,000</b>	
<b>Source of Funds</b>								
AIF		5,000				5,000	5,000	
<b>Total Funds</b>		<b>5,000</b>				<b>5,000</b>	<b>5,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: SPACE LOCATOR & SIGNAGE - TERM C/D GARAG GEORGE BUSH INTERCONTINENTAL		Project No.		A-000563	
<b>Project Description</b>					
Installation of Parking Guidance system (PGS) at the Bush Intercontinental Airport (IAH) parking garages.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		1,000				1,000	1,000	
Construction			14,000			14,000	14,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,000</b>	<b>14,000</b>			<b>15,000</b>	<b>15,000</b>	
<b>Source of Funds</b>								
AIF		1,000	14,000			15,000	15,000	
<b>Total Funds</b>		<b>1,000</b>	<b>14,000</b>			<b>15,000</b>	<b>15,000</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: AIR TRAFFIC CONTROL TOWER (ATCT) EFD ELLINGTON AIRPORT		Project No.		A-000564	
<b>Project Description</b>					
Building a modern tower to facilitate the increasing traffic demands at Ellington Field.		<b>City Council District</b>			
		Location	E	Address Descr 2:	577X
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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:	2012		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	812	105				105	917	
Construction				6,400		6,400	6,400	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>812</b>	<b>105</b>		<b>6,400</b>		<b>6,505</b>	<b>7,317</b>	
<b>Source of Funds</b>								
AIF		105		4,400		4,505	4,505	
FAA/AIP				2,000		2,000	2,000	
<b>Total Funds</b>	<b>812</b>	<b>105</b>		<b>6,400</b>		<b>6,505</b>	<b>7,317</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM B EXPANSION GEORGE BUSH INTERCONTINENTAL		Project No.		A-000565	
<b>Project Description</b>					
Construct Terminal B South piers at Bush IAH replacing the flight 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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This project is being constructed "in concert" with United Airlines construction of new concourse on the south side of Terminal B.		Units:	0		
		Start Year:	2010		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	3,214						3,214	
Construction	6,103			34,000		34,000	40,103	
Equipment Acquisition	28						28	
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>9,344</b>			<b>34,000</b>		<b>34,000</b>	<b>43,344</b>	
<b>Source of Funds</b>								
AIF				34,000		34,000	34,000	
<b>Total Funds</b>	<b>9,344</b>			<b>34,000</b>		<b>34,000</b>	<b>43,344</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Upgrade Airfields to Standards - IAH GEORGE BUSH INTERCONTINENTAL	Project No.	A-000569	
<b>Project Description</b>			
Upgrade Taxiways to FAA standards for ADG VI Aircraft. Construction in three phases: Taxiways in Phase I - EE, EA, NP, NB Taxiways in Phase II - NE, CC, NP, NF, NG.	<b>City Council District</b>		
	Location	B	Address Descr 2:
	Served:	W	Zip Codes: 77032
	Key Map:		Category:
<b>Project Justification</b>	Location Code:	UA-00	Sub-Category:
	Units:	0	
	Start Year:		
	RCC Total	\$	RCA Total \$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction					15,000		15,000	15,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>15,000</b>		<b>15,000</b>	<b>15,000</b>
<b>Source of Funds</b>								
Rev Bonds/Com Paper					15,000		15,000	15,000
<b>Total Funds</b>					<b>15,000</b>		<b>15,000</b>	<b>15,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Reconstruction of Taxiway NB - IAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000570	
<b>Project Description</b>					
This project will reconstruct taxiway NB and Taxiway NA will be reconstructed to meet Group VII standards.		<b>City Council District</b>			
		Location	B	Address Descr 2:	334W, 334X
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
According to our pavement management this taxiway needs to be reconstructed due to heavy traffic.		Units:	0		
		Start Year:	2012		
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design	3,000	2,000				2,000	5,000	
Construction	29,028		25,000			25,000	54,028	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>	<b>32,028</b>	<b>2,000</b>	<b>25,000</b>			<b>27,000</b>	<b>59,028</b>	
<b>Source of Funds</b>								
Rev Bonds/Com Paper		2,000	25,000			27,000	27,000	
<b>Total Funds</b>	<b>32,028</b>	<b>2,000</b>	<b>25,000</b>			<b>27,000</b>	<b>59,028</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: DRAINAGE CAPACITY - IAH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000572	
<b>Project Description</b>					
This project will purchase land and construct a detention pond offsite of George Bush Intercontinental Airport.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The FAA advisory circular mandates that no detentions are allowed within 10,000 feet of runways. Water needs to drain from airfield to prevent wildlife from nesting near an airport.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land					5,000		5,000	5,000
Design					5,000		5,000	5,000
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>10,000</b>		<b>10,000</b>	<b>10,000</b>
<b>Source of Funds</b>								
AIF					10,000		10,000	10,000
<b>Total Funds</b>					<b>10,000</b>		<b>10,000</b>	<b>10,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Perimeter Security Intrusion Detection S GEORGE BUSH INTERCONTINENTAL		Project No.		A-000573	
<b>Project Description</b>					
This project is to implement fence vibration technology to further enhance IAH perimeter security.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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 Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design				50			50	50
Construction					450		450	450
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>				<b>50</b>	<b>450</b>		<b>500</b>	<b>500</b>
<b>Source of Funds</b>								
AIF				50	450		500	500
<b>Total Funds</b>				<b>50</b>	<b>450</b>		<b>500</b>	<b>500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Modify N Electrical Vault and Misc. Elec WILLIAM P. HOBBY AIRPORT		Project No.		A-000576	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:	575B,F	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
South vault and North vault operations create maintenance complexity. Airfield infrasturcture like duckbanks 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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					1,175		1,175	1,175
Construction					10,575		10,575	10,575
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>11,750</b>		<b>11,750</b>	<b>11,750</b>
<b>Source of Funds</b>								
AIF					11,750		11,750	11,750
<b>Total Funds</b>					<b>11,750</b>		<b>11,750</b>	<b>11,750</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: NEW ELECTRICAL VAULT AT AOA - EFD ELLINGTON AIRPORT		Project No.		A-000577	
<b>Project Description</b>					
This project is to locate new vault east of runway 17-35, outside of safety area. Provide portable, prefabricated vault with completed interior regulators and controls.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:	577X,Y	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Existing vault is located in tenant lease area that is constricting further growth. Vault has no growth capacity and is away from airfield circuits.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					275		275	275
Construction					2,475		2,475	2,475
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>2,750</b>		<b>2,750</b>	<b>2,750</b>
<b>Source of Funds</b>								
AIF					2,750		2,750	2,750
<b>Total Funds</b>					<b>2,750</b>		<b>2,750</b>	<b>2,750</b>



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Grass Island Paving - EFD ELLINGTON AIRPORT		Project No.		A-000579	
<b>Project Description</b>					
This project will pave the islands with concrete to increase amount of usable ramp space and eliminate the safety hazard.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:	577Y	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
These islands impair maneuverability for large aircraft. They also pose a safety hazard. Two aircrafts have taxied into them. This will also increase revenue generating ramp space.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			150				150	
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>150</b>				<b>150</b>	
<b>Source of Funds</b>								
AIF			150				150	
<b>Total Funds</b>			<b>150</b>				<b>150</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Hobby Drainage & Roadway Flooding - HOU WILLIAM P. HOBBY AIRPORT		Project No.		A-000580	
<b>Project Description</b>					
This project will provide drainage improvements at Hobby Airport.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:	575	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Flooding is a major problem at Hobby Airport preventing passengers from arriving at the terminal to catch their flight.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design					350		350	350
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>					<b>350</b>		<b>350</b>	<b>350</b>
<b>Source of Funds</b>								
AIF					350		350	350
<b>Total Funds</b>					<b>350</b>		<b>350</b>	<b>350</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Rehabilitate and Expand ARFF Station-HAS WILLIAM P. HOBBY AIRPORT		Project No.		A-000590	
<b>Project Description</b>					
Rehabilitate and expand stations including new vehicles bays, dormitory space, training area and offices to support ARFF Management function.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:	374C,575F	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
ARFF Station 92 at IAH and 81 at HOU is over twenty (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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		350				350	350	
Construction			3,500			3,500	3,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>350</b>	<b>3,500</b>			<b>3,850</b>	<b>3,850</b>	
<b>Source of Funds</b>								
AIF		350	3,500			3,850	3,850	
<b>Total Funds</b>		<b>350</b>	<b>3,500</b>			<b>3,850</b>	<b>3,850</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PARKING TECHNOLOGY HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000594	
<b>Project Description</b>					
Construct a parking guidance/locator system in HAS garages.		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:	N/A	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Generate revenue for HAS.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other			3,000				3,000	
<b>Total Allocation</b>			<b>3,000</b>				<b>3,000</b>	
<b>Source of Funds</b>								
AIF			3,000				3,000	
<b>Total Funds</b>			<b>3,000</b>				<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: HAS MULTI-USE COMPLEX GEORGE BUSH INTERCONTINENTAL		Project No.		A-000596	
<b>Project Description</b>					
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 (AEO) and Department Operation Center (DOC); Development of new parking due to added facilities.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:	374A,B	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Admin Building - Currently HAS 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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		2,000					2,000	2,000
Construction			60,000				60,000	60,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>2,000</b>	<b>60,000</b>				<b>62,000</b>	<b>62,000</b>
<b>Source of Funds</b>								
AIF		2,000	60,000				62,000	62,000
<b>Total Funds</b>		<b>2,000</b>	<b>60,000</b>				<b>62,000</b>	<b>62,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Term C SoApron Lighting Pole Replacement GEORGE BUSH INTERCONTINENTAL		Project No.		A-000598	
<b>Project Description</b>					
Replacement of the light pole bases, light poles and fixtures. Upgrading the electrical distribution and deletion of the current lighting control system.		<b>City Council District</b>			
		Location	B	Address Descr 2:	37
		Served:	W	Zip Codes:	77032
		Key Map:	37	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Our photomatic survey showed a lack of compliance with the FAA regulations regarding apron lighting. This fact, along with the findings from our initial structural evaluation, lead us to the recommended solution of replacing all of the bases, light poles and fixtures on both the north and south side of Terminal C.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		5,000				5,000	5,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>5,000</b>				<b>5,000</b>	<b>5,000</b>	
<b>Source of Funds</b>								
AIF		5,000				5,000	5,000	
<b>Total Funds</b>		<b>5,000</b>				<b>5,000</b>	<b>5,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN 719 TERM D INTL FACILITY IMP & ADD GEORGE BUSH INTERCONTINENTAL		Project No.		A-000600	
<b>Project Description</b>					
This project will provide the facilities necessary for international growth. The master plan will determine if we need a new terminal or if remodeling of Terminal D with upgrades of existing MEP (Mechanical, Electrical and Plumbing) systems and existing architectural/civil systems is needed.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:	374P	Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Project needed to accommodate growth and current need consistent with long term concepts to improve passenger services for international carriers.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		100,000					100,000	100,000
Construction				200,000		225,000	425,000	425,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>100,000</b>		<b>200,000</b>		<b>225,000</b>	<b>525,000</b>	<b>525,000</b>
<b>Source of Funds</b>								
Rev Bonds/Com Paper		100,000		200,000		225,000	525,000	525,000
<b>Total Funds</b>		<b>100,000</b>		<b>200,000</b>		<b>225,000</b>	<b>525,000</b>	<b>525,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: PN720 HOU InternlFacility-LeaseAgrmnt.01 WILLIAM P. HOBBY AIRPORT		Project No.		A-000601	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	ALL	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		20,000				20,000	20,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>20,000</b>				<b>20,000</b>	<b>20,000</b>	
<b>Source of Funds</b>								
AIF		20,000				20,000	20,000	
<b>Total Funds</b>		<b>20,000</b>				<b>20,000</b>	<b>20,000</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: ON CALL PLANNING SERVICES HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000602	
<b>Project Description</b>					
The airport system facility concept development, impact studies, and assessments.		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		2,000	2,000	2,000	2,000	2,000	10,000	10,000
<b>Total Allocation</b>		<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>10,000</b>	<b>10,000</b>
<b>Source of Funds</b>								
AIF		2,000	2,000	2,000	2,000	2,000	10,000	10,000
<b>Total Funds</b>		<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>10,000</b>	<b>10,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		150					150	150
Construction			1,350				1,350	1,350
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>150</b>	<b>1,350</b>				<b>1,500</b>	<b>1,500</b>
<b>Source of Funds</b>								
AIF		150	1,350				1,500	1,500
<b>Total Funds</b>		<b>150</b>	<b>1,350</b>				<b>1,500</b>	<b>1,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Terminal A Ticket Level Noise Reduction GEORGE BUSH INTERCONTINENTAL		Project No.		A-000606	
<b>Project Description</b>					
Install sound proofing material over existing TSA bag belt area in the ticket level of Terminal A.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This is in response to the noise complaints by airlines and passengers.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		1,800					1,800	1,800
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,800</b>					<b>1,800</b>	<b>1,800</b>
<b>Source of Funds</b>								
AIF		1,800					1,800	1,800
<b>Total Funds</b>		<b>1,800</b>					<b>1,800</b>	<b>1,800</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Term A/B Garage-PublicParking Imprvment GEORGE BUSH INTERCONTINENTAL		Project No.		A-000607	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
For better and efficient customer service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		550				550	550	
Construction			4,950			4,950	4,950	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>550</b>	<b>4,950</b>			<b>5,500</b>	<b>5,500</b>	
<b>Source of Funds</b>								
AIF		550	4,950			5,500	5,500	
<b>Total Funds</b>		<b>550</b>	<b>4,950</b>			<b>5,500</b>	<b>5,500</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Security Fence Replacement GEORGE BUSH INTERCONTINENTAL		Project No.		A-000608	
<b>Project Description</b>					
Replace existing security fence with new material such as wrought iron or jersey barrier.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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 Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		1,150					1,150	1,150
Construction			10,350				10,350	10,350
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>1,150</b>	<b>10,350</b>				<b>11,500</b>	<b>11,500</b>
<b>Source of Funds</b>								
AIF		1,150	10,350				11,500	11,500
<b>Total Funds</b>		<b>1,150</b>	<b>10,350</b>				<b>11,500</b>	<b>11,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		2,500				2,500	2,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>2,500</b>				<b>2,500</b>	<b>2,500</b>	
<b>Source of Funds</b>								
AIF		2,500				2,500	2,500	
<b>Total Funds</b>		<b>2,500</b>				<b>2,500</b>	<b>2,500</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM C 480-VOLT DISTRIBUTION SYSTEM (COR GEORGE BUSH INTERCONTINENTAL		Project No.		A-000612	
<b>Project Description</b>					
Approximately 50% of the existing Terminal C 480-volt distribution system is operating well beyond anticipated service life and its' service reliability jeopardizes the operation of the Airport's main baggage handling system and customer service.		<b>City Council District</b>			
		Location	B	Address Descr 2:	334X, 374B
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This project funds the infrastructure renewal of designated distribution system components to maintain adequate customer service.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		2,000				2,000	2,000	
Construction			18,000			18,000	18,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>2,000</b>	<b>18,000</b>			<b>20,000</b>	<b>20,000</b>	
<b>Source of Funds</b>								
AIF		2,000	18,000			20,000	20,000	
<b>Total Funds</b>		<b>2,000</b>	<b>18,000</b>			<b>20,000</b>	<b>20,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		900					900	900
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>900</b>					<b>900</b>	<b>900</b>
<b>Source of Funds</b>								
AIF		900					900	900
<b>Total Funds</b>		<b>900</b>					<b>900</b>	<b>900</b>



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: SatelliteCntrlUtilities-CUP Facility-HOU WILLIAM P. HOBBY AIRPORT		Project No.		A-000614	
<b>Project Description</b>					
Complete the phased design and construction of a Satellite Central Utilities Plant (CUP) facility at Hobby Airport in addition to the completion of incremental repairs to the existing CUP to maintain reliable operation.		<b>City Council District</b>			
		Location	I	Address Descr 2:	
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The new Satellite CUP 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 FIS.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction						7,500	7,500	7,500
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>7,500</b>	<b>7,500</b>	<b>7,500</b>
<b>Source of Funds</b>								
Rev Bonds/Com Paper						7,500	7,500	7,500
<b>Total Funds</b>						<b>7,500</b>	<b>7,500</b>	<b>7,500</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Cargo Ramp & Taxi Lane ELLINGTON AIRPORT		Project No.		A-000615	
<b>Project Description</b>					
Construct a new Taxilane and Cargo ramp for six B-747, group V Taxilane (4000 Linear feet) Taxiway edge lights adding to existing taxilane B.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This ramp will connect taxilane with the emerging Houston Ship Channel related cargo development. This potential revenue is critical in improving financial standing of Ellington Airport. This facility would also support the spaceport.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		300				300	300	
Construction			2,700			2,700	2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>300</b>	<b>2,700</b>			<b>3,000</b>	<b>3,000</b>	
<b>Source of Funds</b>								
AIF		300	2,700			3,000	3,000	
<b>Total Funds</b>		<b>300</b>	<b>2,700</b>			<b>3,000</b>	<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Install Category IIIA ILS ELLINGTON AIRPORT		Project No.		A-000616	
<b>Project Description</b>					
Install Category IIIA ILS equipment including approach lighting system and SMGCS equipment.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Anticipated cargo activity requires an airport to offer appropriate navigational equipment for operators arriving in low visibility conditions. Approval of category III ILS by FAA requires to have a SMGCS Plan.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design			645				645	
Construction				5,805			5,805	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>645</b>	<b>5,805</b>			<b>6,450</b>	
<b>Source of Funds</b>								
AIF			645	5,805			6,450	
<b>Total Funds</b>			<b>645</b>	<b>5,805</b>			<b>6,450</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Extend Runway 17R-35L ELLINGTON AIRPORT		Project No.		A-000617	
<b>Project Description</b>					
Extension of Runway 17R-35L, 200 - 1000 feet(North side).		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Initial studies have recommended that Runway 17R-35L will need to be extended 200 - 1000 feet to support spaceport operations.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design						545	545	545
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>545</b>	<b>545</b>	<b>545</b>
<b>Source of Funds</b>								
AIF						545	545	545
<b>Total Funds</b>						<b>545</b>	<b>545</b>	<b>545</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: R/W 17R-35L IMPROVEMENTS-ASPHALT SHOULDR ELLINGTON AIRPORT		Project No.		A-000618	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Bringing Ellington Airport into FAA compliance for ADG IV requirements.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design						1,745	1,745	1,745
Construction								
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>						<b>1,745</b>	<b>1,745</b>	<b>1,745</b>
<b>Source of Funds</b>								
AIF						1,745	1,745	1,745
<b>Total Funds</b>						<b>1,745</b>	<b>1,745</b>	<b>1,745</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Rehabilitation of Airfield Service Road ELLINGTON AIRPORT		Project No.		A-000619	
<b>Project Description</b>					
Rehabilitate and upgrade portions of asphalt service road at Ellington.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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 roads are critical to support maintenance of airfield to help limit vehicle crossings on active runways.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction			547			547	547	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>547</b>			<b>547</b>	<b>547</b>	
<b>Source of Funds</b>								
AIF			547			547	547	
<b>Total Funds</b>			<b>547</b>			<b>547</b>	<b>547</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design							0	
Construction			859				859	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>			<b>859</b>				<b>859</b>	
<b>Source of Funds</b>								
AIF			859				859	
<b>Total Funds</b>			<b>859</b>				<b>859</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: Public Addressing (PA) System HOUSTON AIRPORT SYSTEM (IAH-HOU-EFD)		Project No.		A-000621	
<b>Project Description</b>					
Project is to replace the core components of our current PA system.		<b>City Council District</b>			
		Location	B,E,I	Address Descr 2:	
		Served:	W	Zip Codes:	
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
The current core components are over 7 years old. The current system is Cobra-Net based, which is layer-2 and non-routable.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		4,700					4,700	4,700
<b>Total Allocation</b>		<b>4,700</b>					<b>4,700</b>	<b>4,700</b>
<b>Source of Funds</b>								
AIF		4,700					4,700	4,700
<b>Total Funds</b>		<b>4,700</b>					<b>4,700</b>	<b>4,700</b>



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		30,000				30,000	30,000	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>30,000</b>				<b>30,000</b>	<b>30,000</b>	
<b>Source of Funds</b>								
AIF		30,000				30,000	30,000	
<b>Total Funds</b>		<b>30,000</b>				<b>30,000</b>	<b>30,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: DEMOLITION OF TOWER @ IAH (REIMB by FAA) GEORGE BUSH INTERCONTINENTAL		Project No.		A-000623	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		300					300	300
Construction			1,400				1,400	1,400
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>300</b>	<b>1,400</b>				<b>1,700</b>	<b>1,700</b>
<b>Source of Funds</b>								
FAA/AIP		300	1,400				1,700	1,700
<b>Total Funds</b>		<b>300</b>	<b>1,400</b>				<b>1,700</b>	<b>1,700</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERM B CORE & NO 480-VOLT DISTRIB SYS GEORGE BUSH INTERCONTINENTAL		Project No.		A-000624	
<b>Project Description</b>					
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.		<b>City Council District</b>			
		Location	B	Address Descr 2:	334W
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		2,000					2,000	2,000
Construction		18,000					18,000	18,000
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>20,000</b>					<b>20,000</b>	<b>20,000</b>
<b>Source of Funds</b>								
AIF		20,000					20,000	20,000
<b>Total Funds</b>		<b>20,000</b>					<b>20,000</b>	<b>20,000</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: IAH FLEET MAINTENANCE BUILDING GEORGE BUSH INTERCONTINENTAL		Project No.		A-000625	
<b>Project Description</b>					
To build a new maintenance building fully air conditioned with efficient layout in addition to proper equipment.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
This initiative is to insure a safe working environment for Fleet Mgt Department and HAS employees.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		440					440	440
Construction		3,931					3,931	3,931
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>4,371</b>					<b>4,371</b>	<b>4,371</b>
<b>Source of Funds</b>								
AIF		4,371					4,371	4,371
<b>Total Funds</b>		<b>4,371</b>					<b>4,371</b>	<b>4,371</b>

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

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

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		500				500	500	
Construction			4,500			4,500	4,500	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>500</b>	<b>4,500</b>			<b>5,000</b>	<b>5,000</b>	
<b>Source of Funds</b>								
AIF		500	4,500			5,000	5,000	
<b>Total Funds</b>		<b>500</b>	<b>4,500</b>			<b>5,000</b>	<b>5,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: TERMINAL D TICKET COUNTER REFRESH GEORGE BUSH INTERCONTINENTAL		Project No.		A-000627	
<b>Project Description</b>					
Put in new seating as well as appropriate fixtures (area rugs, tables and planters) and replace the inappropriate furniture currently at the ticketing level of terminal D.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
Enhance customer service as well as uphold the strategy of opening day fresh. The seating condition in this area right now is not consistant with our strategic goals.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design		300				300	300	
Construction		2,700				2,700	2,700	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>3,000</b>				<b>3,000</b>	<b>3,000</b>	
<b>Source of Funds</b>								
AIF		3,000				3,000	3,000	
<b>Total Funds</b>		<b>3,000</b>				<b>3,000</b>	<b>3,000</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: SECURITY LANE BACKFLOW PREVENTION GEORGE BUSH INTERCONTINENTAL		Project No.		A-000628	
<b>Project Description</b>					
Development of Security Exit Backflow Prevention at the terminal exit lanes at IAH.		<b>City Council District</b>			
		Location	B	Address Descr 2:	
		Served:	W	Zip Codes:	77032
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
IAH Management has put forth an initiative to proceed with installing Security Exit Backflow Prevention systems, to save on costs of HAS paid staff at the exit lanes after the security checkpoints are closed.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		900				900	900	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>900</b>				<b>900</b>	<b>900</b>	
<b>Source of Funds</b>								
AIF		900				900	900	
<b>Total Funds</b>		<b>900</b>				<b>900</b>	<b>900</b>	

**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: EFO SELF-FUELING SYS (EQUIP PURCHASE) ELLINGTON AIRPORT		Project No.		A-000629	
<b>Project Description</b>					
Design, build, and erect (including all site work) a 100LL aviation gasoline self-serve fuel facility that meets all City of Houston, State of Texas, and federal codes.		<b>City Council District</b>			
		Location	E	Address Descr 2:	
		Served:	W	Zip Codes:	77034
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
In an effort to become more financially self-sufficient, Ellington must realize as many revenue opportunities as possible.		Units:	0		
		Start Year:			
		RCC Total	\$	RCA Total	\$

Project Allocation	Previous Appropriations						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction								
Equipment Acquisition								
Salary Recovery								
Other		295					295	
<b>Total Allocation</b>		<b>295</b>					<b>295</b>	
<b>Source of Funds</b>								
AIF		295					295	
<b>Total Funds</b>		<b>295</b>					<b>295</b>	



**2015-2019 CAPITAL IMPROVEMENT PLAN (\$ Thousands)**

**CITY OF HOUSTON - AVIATION FACILITIES**

Project: HOBBY PARKING OFFICE WILLIAM P. HOBBY AIRPORT		Project No.		A-000630	
<b>Project Description</b>					
A new management office at Hobby to provide space for approximately 50 employees that work at the operation of the parking garage.		<b>City Council District</b>			
		Location	I	Address Descr 2:	575B
		Served:	W	Zip Codes:	77061
		Key Map:		Category:	
		Location Code:	UA-00	Sub-Category:	
<b>Project Justification</b>					
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						2015-2019	Project Total
		2015	2016	2017	2018	2019		
Planning								
Acquisition-Land								
Design								
Construction		390				390	390	
Equipment Acquisition								
Salary Recovery								
Other								
<b>Total Allocation</b>		<b>390</b>				<b>390</b>	<b>390</b>	
<b>Source of Funds</b>								
AIF		390				390	390	
<b>Total Funds</b>		<b>390</b>				<b>390</b>	<b>390</b>	