



IAH Terminal Redevelopment Program and HAS Infrastructure Division

Industry Day

December 6th, 2016



10:00 am Introductory Comments

- *Mr. Jason McLemore, Deputy Assistant Director, HAS Office of Business Opportunity*

10:10 am Welcoming Remarks

- *Mr. Robert Barker, Deputy Director, HAS Infrastructure*
- *Mr. Mario Diaz, Director of Aviation, HAS*

10:20 am IAH Terminal Redevelopment Program (ITRP) Scope and Upcoming Opportunities Overview

- *Mr. Steve Andersen, Executive Program Manager*

10:35 am HAS Infrastructure Overview

- *Mr. Robert Barker, Deputy Director, HAS Infrastructure*
- *Mr. Jarrett Simmons, Assistant Director Aviation, HAS Asset Planning*
- *Mr. Ivory (Bo) David, Assistant Director, HAS Building Standards Group*

10:50 am Office Of Business Opportunity Update

- *Mr. Jason McLemore, Deputy Assistant Director, HAS Office of Business Opportunity*

10:55 am Networking Opportunity and Refreshment Break

11:20 am Question & Answer Opportunity

- *Mr. Robert Barker, Deputy Director, HAS Infrastructure*

12:00 pm Event Concludes





Introductory Remarks
Mr. Jason McLemore,
Deputy Assistant Director, HAS Office of Business Opportunity



- Industry Day – Housekeeping Matters
 - Registration
 - Facility Accommodations, Emergency Exits
 - Cell Phone Etiquette
 - Question & Answer Opportunity Will Follow Presentations
 - One Question Per Person
 - Introduce Yourself And Your Company
 - Follow-up Verbal Questions With Written Questions Via E-Mail
 - Please Network And Exchange Business Cards





Welcoming Remarks

Mr. Robert Barker, Deputy Director, Infrastructure





Welcoming Remarks

Mr. Mario Diaz, Director of Aviation

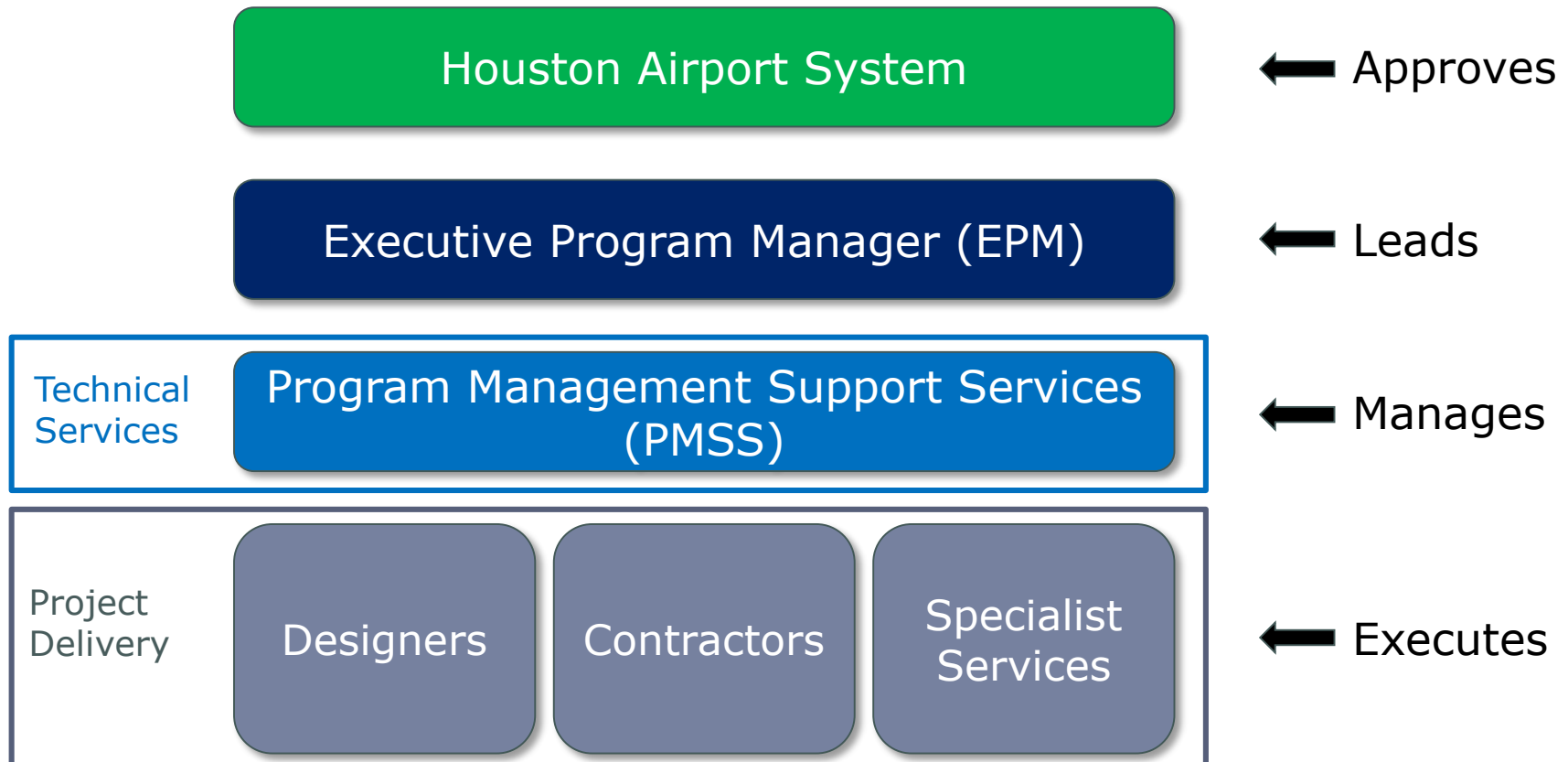




ITRP Scope And Upcoming Opportunities Overview
Mr. Steven Andersen, IAH Terminal Redevelopment Program (ITRP)
Executive Program Manager

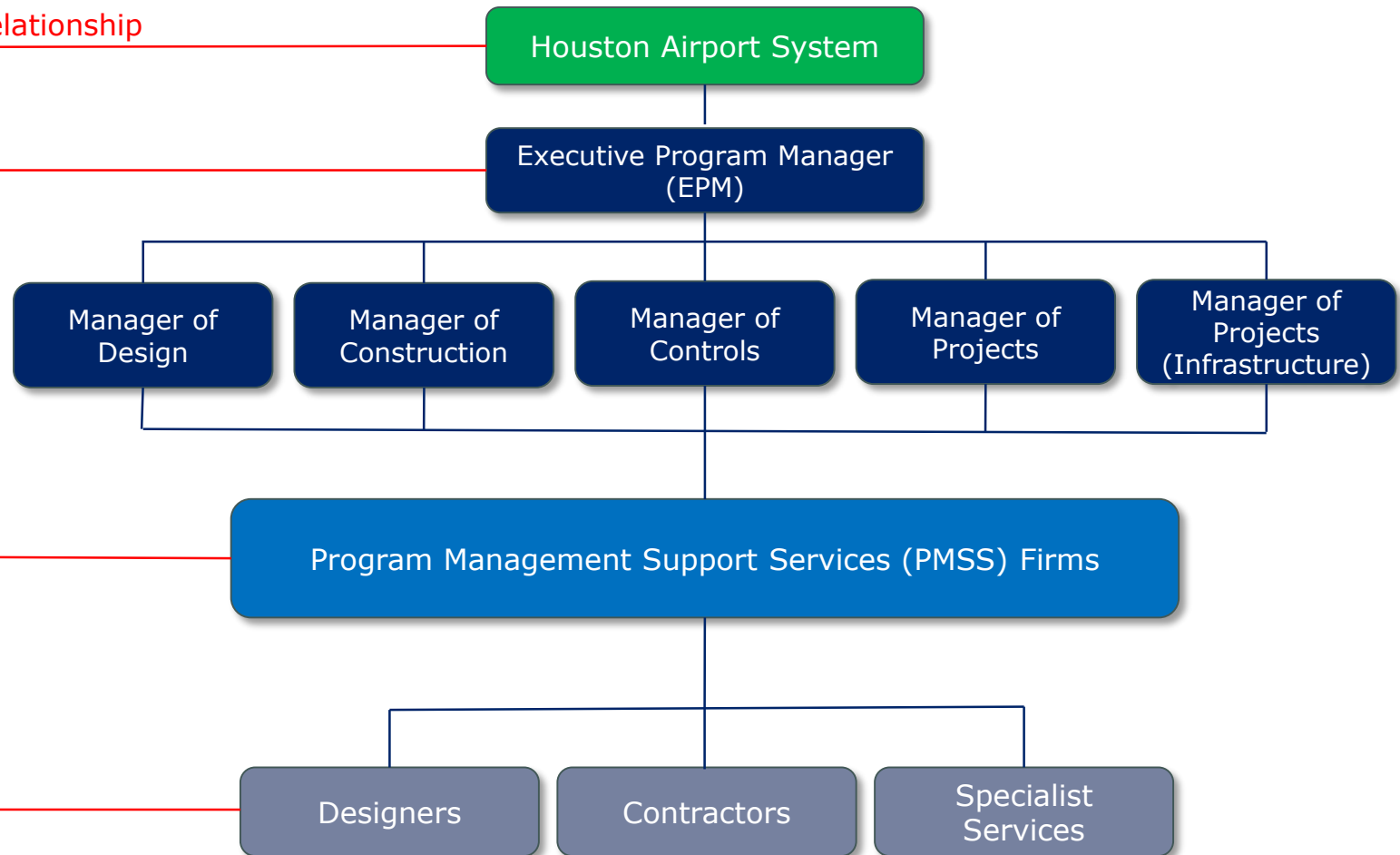


ITRP Organization Model



ITRP Organization Model

Contractual Relationship



Mickey Leland International Terminal (MLIT) Vision

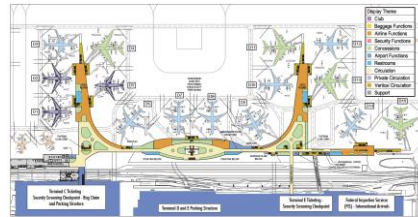
- ✓ **Convenient**, Simple, Functional And Intuitive For Entire Passenger Experience;
- ✓ **Flexible** Design For Future Innovation And Changes To Technology, Operations And Security;
- ✓ **Technology-Enabled** For Automated Processing And Customer Convenience;
- ✓ Creating A **Sense Of Place**, Reflective Of The Houston Community And Environment;
- ✓ **Contemporary** And Timeless Design With Use Of Natural Light For An Open Expansive Feel;
- ✓ **Modular** Features To Enable Off-Site Construction With On-Site Assembly To Expedite Construction, Reduce Material Waste, Control Quality, And Enable Easier Interior Updates;
- ✓ **Maintainable** Facilities And Systems That Consider Whole-Life Cycle Costing; and,
- ✓ **Sustainable** And **Energy Efficient**.



ITRP Scope Overview – Individual Projects

United New
Terminal C
North

MLIT, Taxiway, Apron
& Landside Roadway
Reconfiguration



East Aircraft
Hardstand

PMO
Building



Landside
Enabling
Utilities

Terminal C West
Parking Garage
Expansion

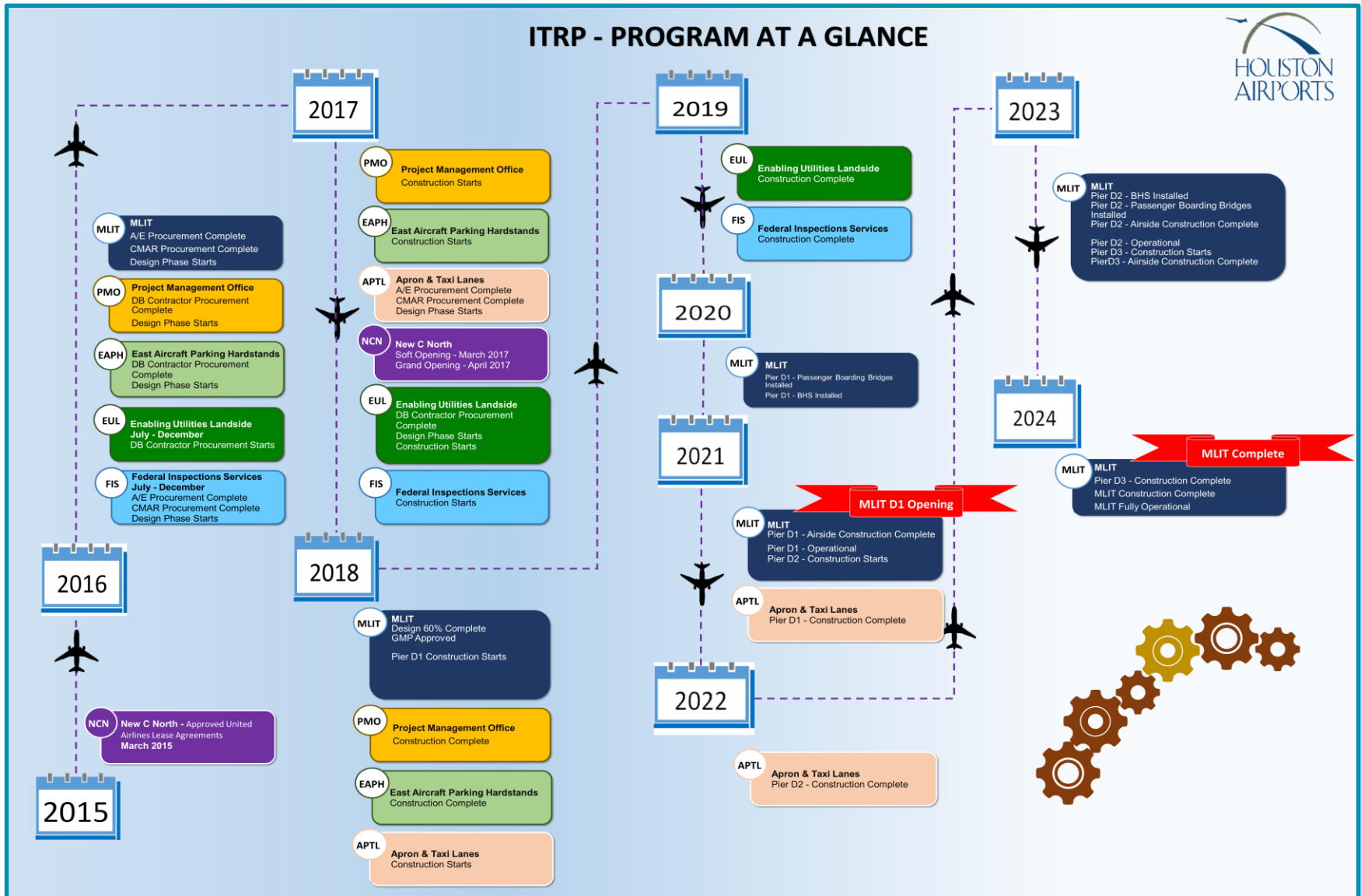
Landside
Roadway
Rehabilitation

Federal
Inspection
Services



ITRP Schedule Highlights

ITRP - PROGRAM AT A GLANCE



Upcoming ITRP Business Opportunities

Previous & Current Procurements

- DB – PMO (Awarded)
- AE - MLIT (Awarded)
- CMAR - MLIT
- OCIP
- DB - East Aircraft Hardstands (EAH)
- AE - FIS
- CMAR - FIS
- On call Planning

Upcoming Procurements

Draft

	2016		2017											
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
	9	10	11	11	12	13	14	15	16	17	18	19	20	21
Industry Days														
New Procurements (Proposed Draft Timelines)														
DB - Landside Enabling Utilities (LEU)														
On call Design														
DBOMF - IAH Energy Infra.														
AE - C West Garage														
CMAR - C West Garage														
AE - Apron & Taxi lanes														
CMAR - Apron & Taxi lanes														
Roadway Rehabilitation Project														

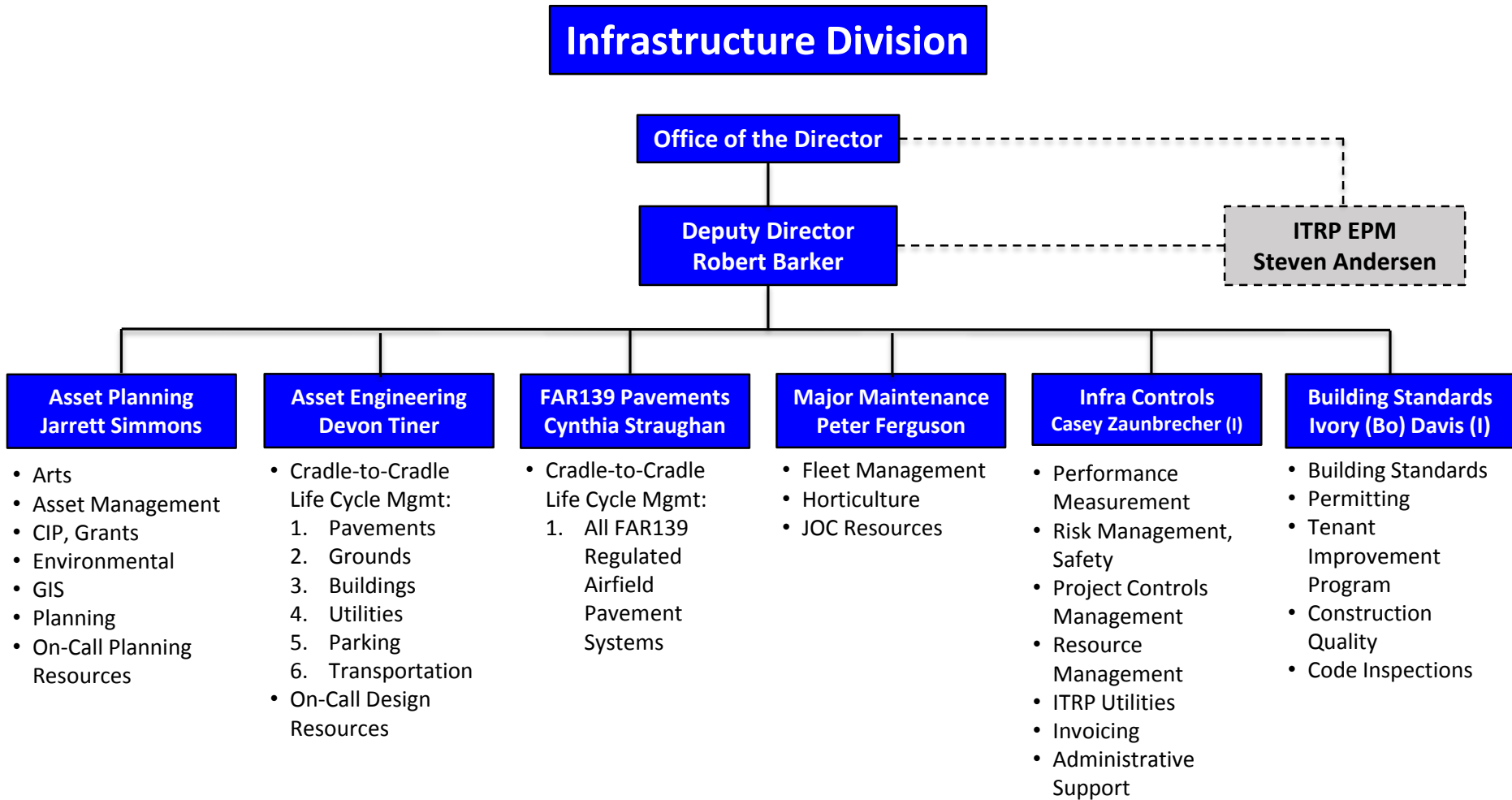




Welcoming Remarks
Mr. Robert Barker, Deputy Director, Infrastructure



Infrastructure Division Realignment

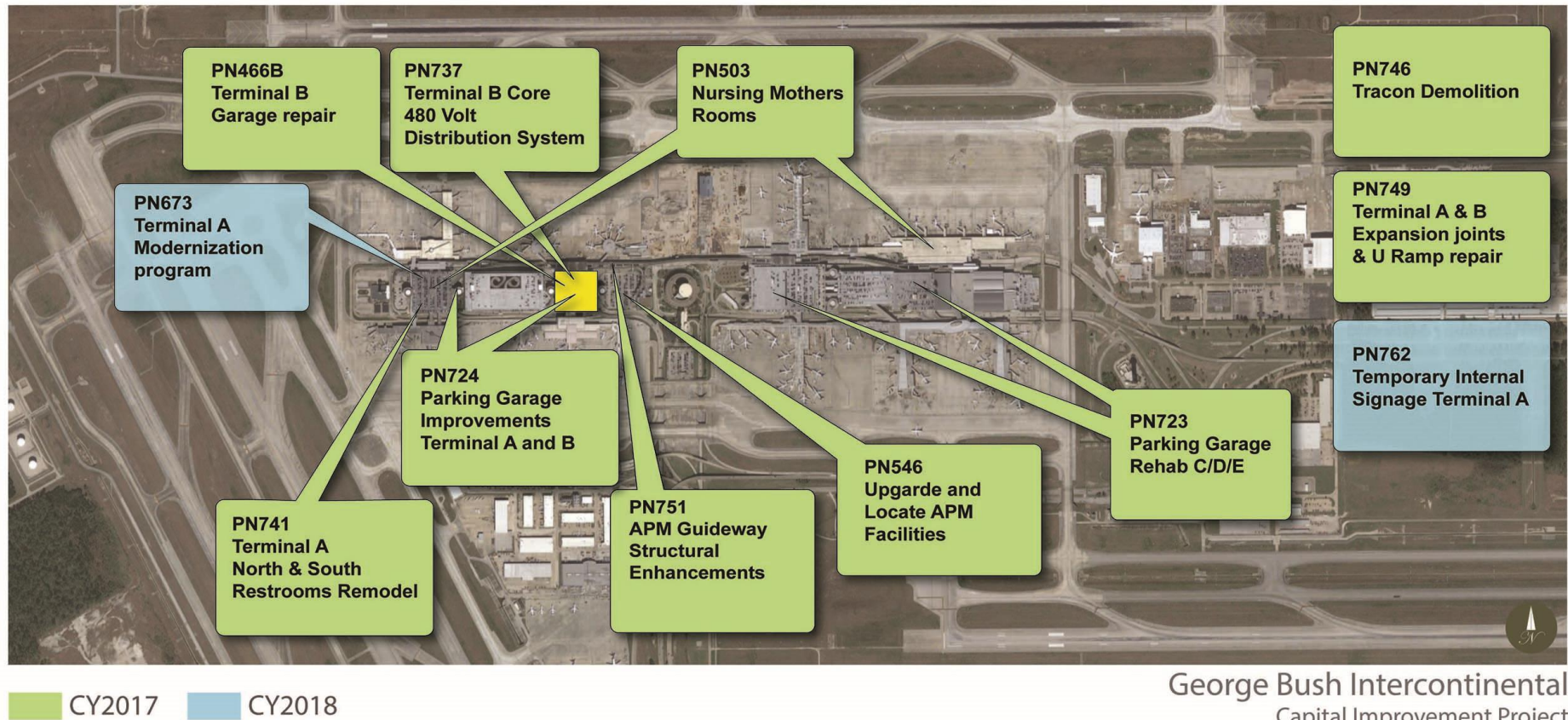




HAS Infrastructure Division: CY 2017/2018 Business Opportunities
Mr. Jarrett Simmons,
Assistant Director Aviation – Asset Planning



Bush Intercontinental Airport - CY 2017/2018 Projects

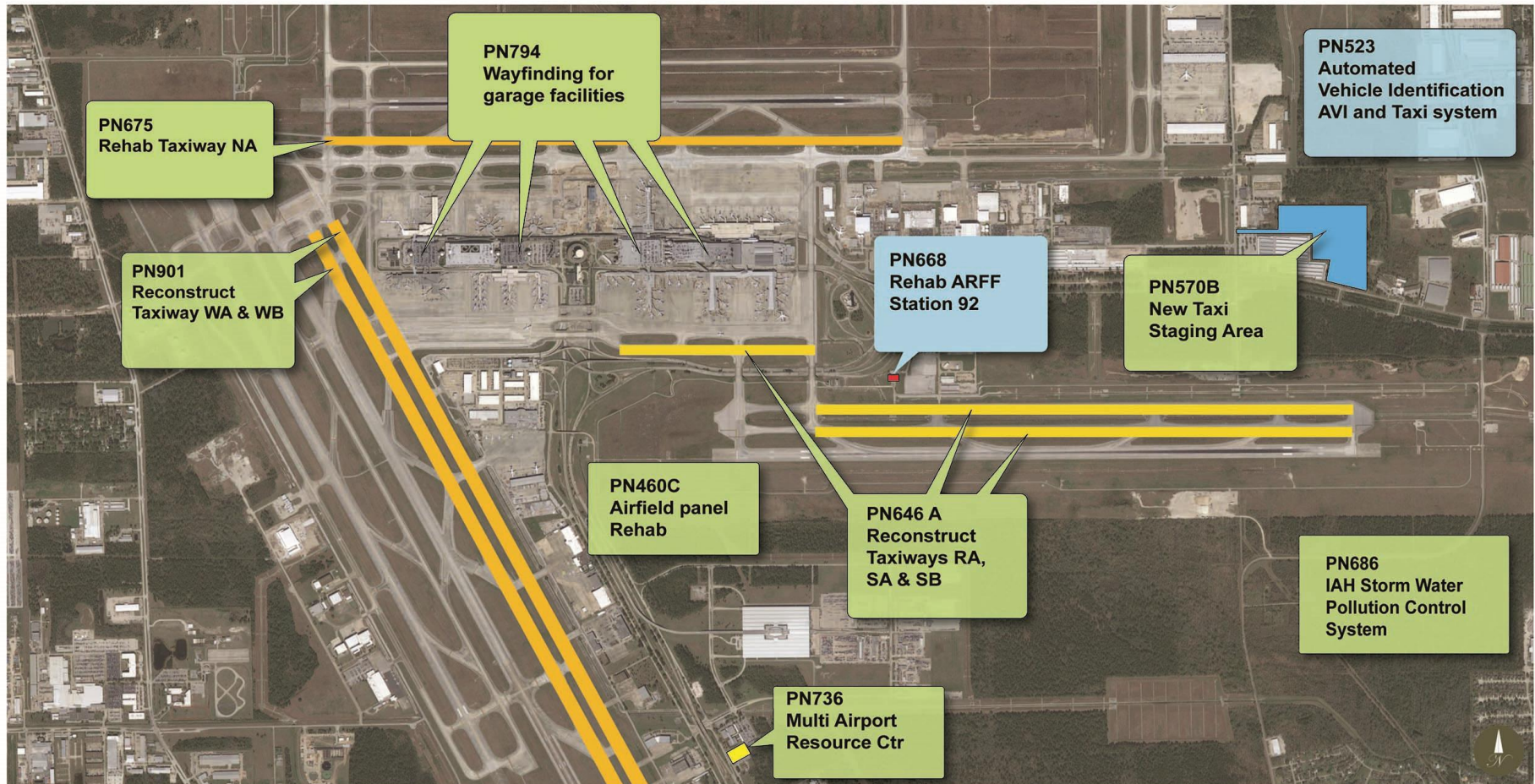


George Bush Intercontinental
Capital Improvement Project
2017 & 2018

12/2016



Bush Intercontinental Airport - CY 2017/2018 Projects



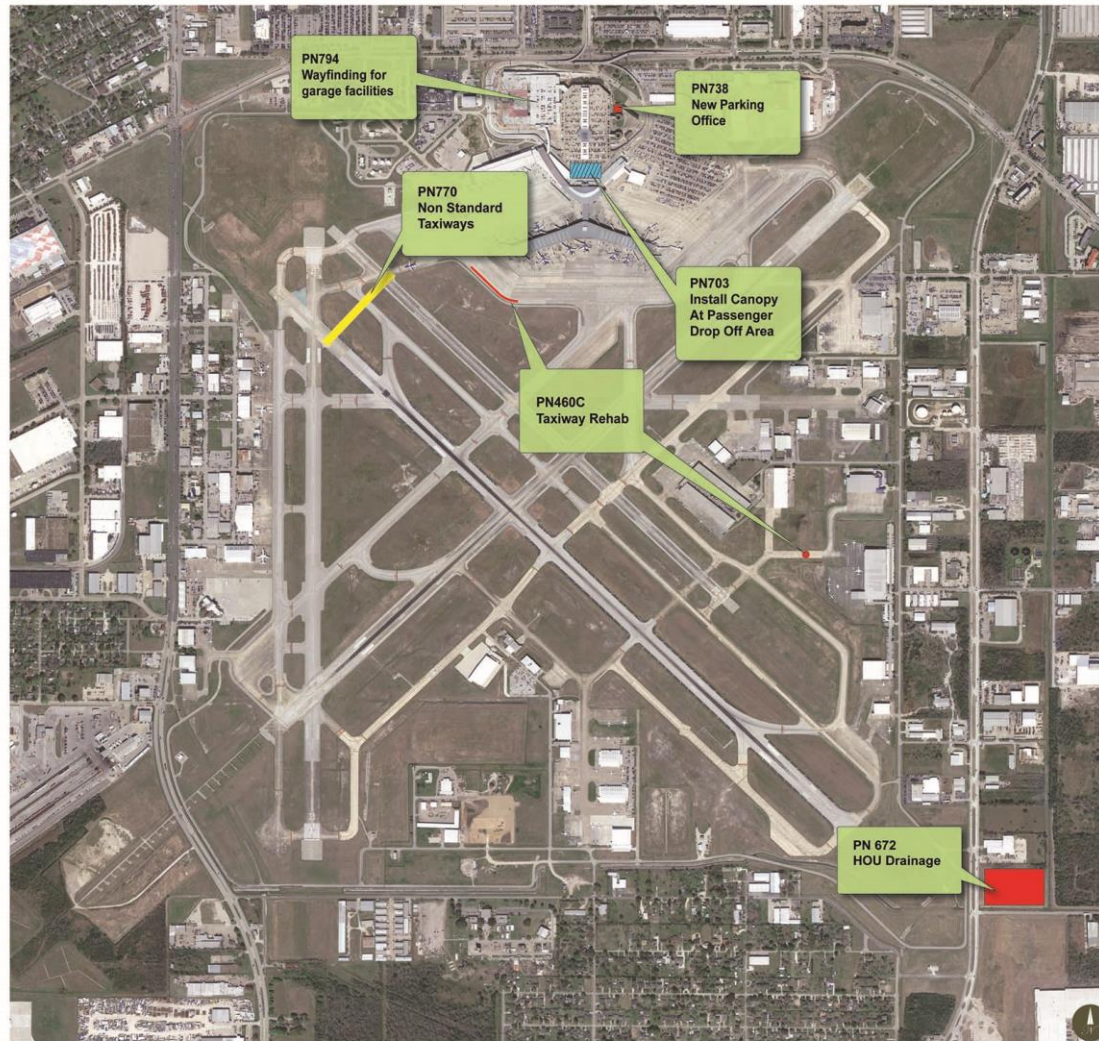
CY2017 CY2018

George Bush Intercontinental
Capital Improvement Project
2017 & 2018

12/2016



Hobby Airport - CY 2017/2018 Projects

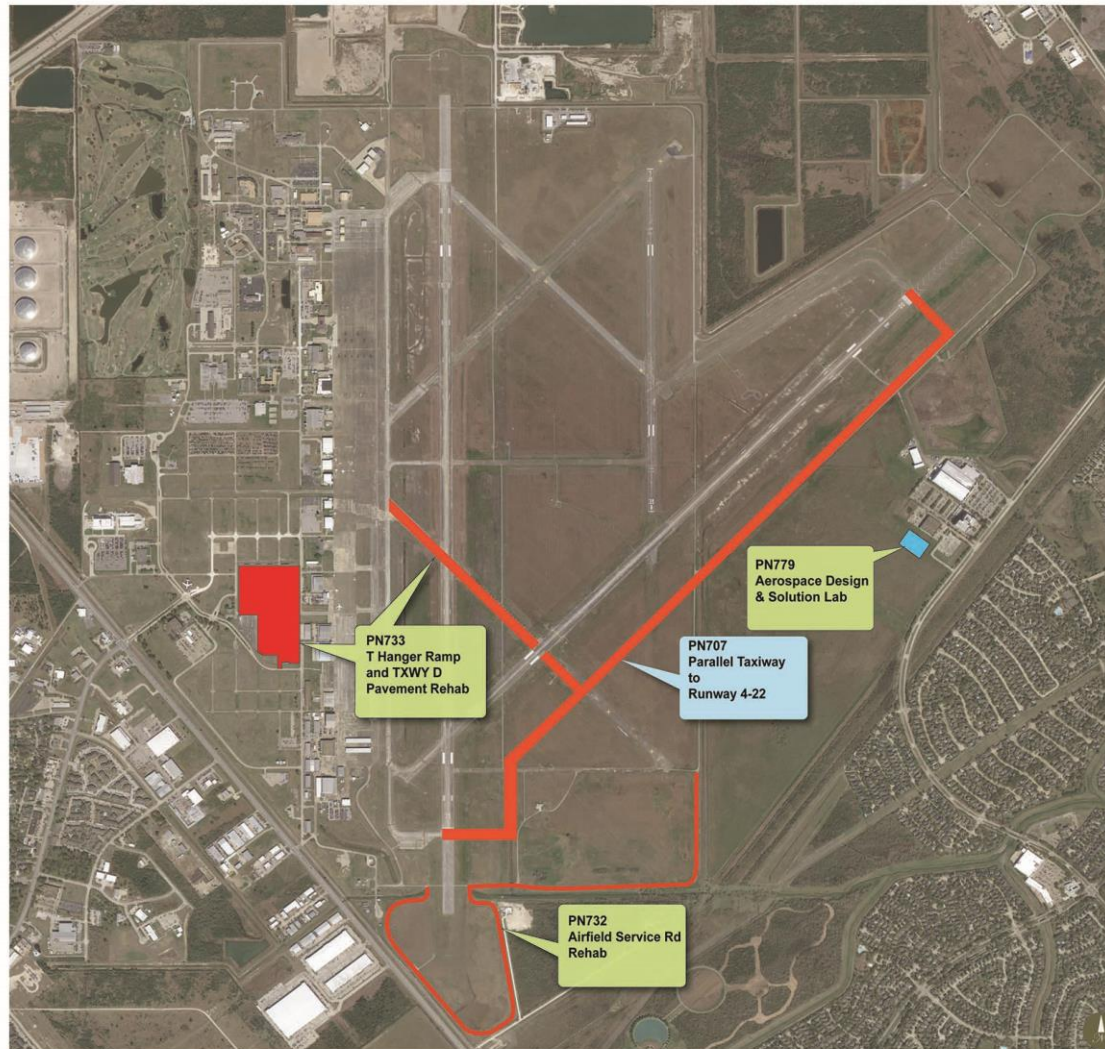


CY2017

William P. Hobby Airport
Capital Improvement Project
2017



Ellington Airport - CY 2017/2018 Projects



■ CY2017 ■ CY2018

Ellington Airport
Capital Improvement Project
2017 & 2018



Infrastructure - CY 2017/2018 Projects over \$1 Million

Project No	Location	Phase	Description
749	IAH	C	TERMINALS A AND B - EXPANSION JOINTS AND U-RAMP REPAIRS
460C	IAH	C	AIRFIELD PAVEMENT REHAB
460C	HOU	C	AIRFIELD PAVEMENT REHAB
466B	IAH	C	TERMINAL B GARAGE - 3RD & 4TH LEVELS
523	IAH	C	AUTOMATED VEHICLE IDENTIFICATION (AVI) & TAXI SYSTEM
546	IAH	DB	UPGRADE & RELOCATE APM FACILITIES
570	IAH	DB	NEW GT STAGING AREA
646A	IAH	D	RECONSTRUCT TAXIWAYS RA, SA & SB
668	IAH	C	REHABILITATE & EXPAND ARFF STATION 92
673	IAH	D	DESIGN - TERMINAL A MODERNIZATION PROGRAM
686	IAH	C	IAH STORM WATER POLLUTION CONTROL SYS - ENVIRON LIFT ST
703	HOU	C	DEPARTURE LEVEL CANOPY AT HOBBY AIRPORT
707	EFD	C	PARALLEL TAXIWAY TO RUNWAY 4-22
707	EFD	D	PARALLEL TAXIWAY TO RUNWAY 4-22
723	IAH	C	PARKING GARAGE REHAB - TERMINAL C/D/E
724	IAH	C	PUBLIC PARKING GARAGE IMPROVEMENTS - TERM A & B
732	EFD	C	REHABILITATION OF AIRFIELD SERVICE ROAD
733	EFD	C	T-HANGER RAMP AND TAXIWAY D PAVEMENT REHAB
736	HAS	DB	MULTI-AIRPORT RESOURCE CENTER (MARC)
737	IAH	C	TERM B CORE 480-VOLT DISTRIBUTION SYSTEM
738	HOU	C	HOBBY PARKING OFFICE (NEW SOUTH PARKING)
741	IAH	C	TERMINAL A NORTH & SOUTH RESTROOM REMODEL
746	IAH	C	DEMOLITION OF TRACON @ IAH (REIMBUSED BY FAA)
751A	IAH	C	APM GUIDEWAY REHAB PLACE HOLDER-B THRU D/E LINK
762	IAH	C	INTERNAL SIGNAGE - TERMINAL A
762	IAH	C	INTERNAL SIGNAGE - TERMINAL B NORTH
762	IAH	C	INTERNAL SIGNAGE - TERMINAL C SOUTH
770	HOU	D	HOU - NON-STANDARD FAA TAXIWAYS
779	EFD	D	SPACEPORT AEROSPACE DESIGN & SOLUTION LAB
779	EFD	C	SPACEPORT PHASE I UTILITIES
794	HAS	C	WAYFINDING GARAGE FACILITES AT IAH/HOU
796	HOU	C	HOBBY ORIGINAL GARAGE
901	IAH	C	CMAR FOR T/W WA WB RECONST





Terminal Improvement Process (TIP)
Mr. Ivory (Bo) Davis,
Interim Assistant Director, Building Standards Group



- The Building Standards Group, or BSG, is an “in-house” code review and inspection program
- Created specifically to provide code plan review and inspection support for construction taking place on any of the Houston Airport System (HAS) premises.
- Agreement with the City of Houston Public Works Department
 - HAS was given the authority to create and staff this new group in order to help expedite the code review, permit issuance and inspection for all construction on airport premises
- HAS BSG has its own unique permit submittal process, that is completely separate from that used by the City of Houston Permitting Center
- Application must be made directly to the BSG for any construction taking place at George Bush Intercontinental, Hobby or Ellington airports.
- Once a permit application has been reviewed and approved, BSG will issue a construction permit for that project.



- A permit is required for all new construction, as well as remodel, repair, additions or other alterations to existing structures.
 - This includes work associated with utilities, infrastructure, flatwork, or signage projects.
- An HAS BSG Application for Construction Permit, along with electronic (pdf) copies of the plans and all associated documents must be submitted to the BSG Permit Coordinator at BSG-Permitsubmittal@houston.tx.gov.
- Any alterations to a building that effect or modify the exiting or egress from the facility, such as access control or relocation of doors, as well as any changes to the fire alarm or fire suppression system must be permitted.
- A Certificate of Occupancy (CO) is required prior to occupying any space within a building. The City of Houston Public Works & Engineering (PWE) Code Compliance section will continue to issue all Certificates of Occupancy.



- Inspection requests for permits obtained through HAS BSG shall be submitted to the BSG Permit Coordinator at BSG-Inspections@houstontx.gov.
- Any permit that was obtained through PWE Code Compliance must continue to request inspections through that office.
 - HAS BSG will be inspecting only those permits that were issued through the BSG office.
 - The only exception to that is the Terminal C North project currently under construction, which will be inspected by BSG inspection staff.
- BSG has its own process for requesting inspections, which again is completely separate from the City of Houston PWE Code Compliance procedure.



- TIP Forms
 - <http://www.houstonairports.biz/TIP> **OR**
 - <http://www.fly2houston.com/>
 - Doing Business
 - TIP Application
- HAS Standards and Submittal Procedures
 - Select based on Project Scope of Work
 - Review all Standards before submitting
- HAS TIP Review
 - Approximately 7-20 days (based on complexity of scope)
 - Comments require 2-3 day turnaround
 - Notification provided via email





Office of Business Opportunity Update
Mr. Jason McLemore,
Deputy Assistant Director, HAS Office of Business Opportunity

For Email Inquiries, Please Contact:

Jason.mclemore@houston.tx.gov



- Provide Contracting Opportunity Information To M/W/S/P/DBEs
- Serve As An Advocate For M/W/S/P/DBEs And Support Policies And Activities To Maximize Their Participation In Airport Contracts
- Assist Prime Contractors With Identifying Certified M/W/S/P/DBEs To Participate On Contracts As Sub-Contractors And Concessionaires
- Educate M/W/S/P/DBEs On How To Access HAS Contracting Opportunities



- Monitor M/W/S/P/DBEs Utilization On Contracts With Participation Goals
- Ensure That Wage Standards Are Met On All Construction Projects With Federal And City Funding
- Host Small Business And Minority Forums For Networking
- Provide Information And Referral Services To M/W/S/P/DBEs





Networking Opportunity and Refreshment Break



Question & Answer Opportunity
Mr. Robert Barker, Deputy Director, Infrastructure

