Speaking Opportunities!

Abstracts due by June 29, 2015

Visit www.asce-ictd.org

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Submission Options

1. PowerPoint presentation, with full paper in conference proceedings
2. PowerPoint presentation only
3. Poster presentation, and full paper in conference proceedings
4. Poster presentation only
5. Full session proposal

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CONFERENCE TRACKS & TOPICS


Track B: Rail and Public Transit

Track C: Aviation

Track D: Development

Track E: Cross-cutting Themes: Advanced Technologies, Infrastructure Systems, and Freight Transportation and Logistics

Visit www.asce-ictd.org for a detailed list of topics
SAMPLE TOPICS UNDER AVIATION TRACK

• Airport Design, Planning, and Operations
• Airport Safety, Security, and Sustainability
• Airfield Pavements: Design, Materials, Construction, Maintenance and Management
• Spaceports
• Seaplane facilities

Visit www.asce-ictd.org for a detailed list of topics
KEEPING HOUSTON AIRPORTS OPENING DAY FRESH

Houston Airport System Chief Infrastructure Officer
Jeffrey Brown
ABOUT HOUSTON AIRPORT SYSTEM

- **George Bush Intercontinental Airport (IAH)** – the largest airport, 40 million passengers annually
- **William P. Hobby Airport (HOU)** – 11 million passengers annually, with international flights Oct 2015
- **Ellington Airport (EFD)** – GA/Military potential spaceport site
MICKEY LELAND INTERNATIONAL (MLIT)
MICKEY LELAND INTERNATIONAL TERMINAL

- Accommodates 15 widebody or 27 narrowbody aircraft parking positions
- Construction scheduled to begin in 2017
ACCOMMODATES 15 WIDE-BODY OR 27 NARROW-BODY AIRCRAFT
Top 5 Civil Engineering Opportunities (Non-ITRP)

1. Airfield Pavement
2. Upgrades to Existing Facilities
3. New Facilities
4. Utility Upgrades
5. ITT/APM Upgrades or Replacement
Overview of Existing Airfield

North Airfield (arrivals)
Taxiway Infrastructure Improvements

- FFY 2015 Construct Hardstand
- FY 2013 & 2014 Rehab Taxiway NB
- FFY 2016 Reconstruct Taxiway NA
- FFY 2017 & 2018 Reconstruct Taxiways RA, SA & SB to concrete & strengthen for Group VI
Taxiway Infrastructure Improvements

- Taxiway SL
- Taxiway NR
- Runway 15R-33L extension
Terminal A Concourse Redevelopment

- Rapid growth among non-legacy carriers
- Additional gates are needed
- Additional space needed for airport functions
Demolition of old FAA Tower
Vehicle Maintenance Facility
Aircraft Parking Apron

Runway 8R - 26L
Aircraft parking apron
Taxiway SL
Runway 9L - 27R
Consolidated Distribution Center

- Concessions products are housed in one centralized location
- Concessions traffic in the terminal complex is reduced
- Security is enhanced