

# 2014-2015

## Unified Planning Work Program

for the Houston-Galveston  
Transportation Management Area



**Adopted**  
**July 26, 2013**

**Amended**  
**December 20, 2013**  
**March 28, 2014**  
**April 25, 2014**

## H-GAC 2014-15 Unified Planning Work Program

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- 3.2.b2** Fort Bend County Public Transportation Department will conduct advanced planning, preliminary engineering, property acquisition services, environmental assessment and final design work for the construction of an Administration and Operations facility. **(\$987,196 FTA 5307/5311funds)**

### **SUBTASK 3.3 Regional Operations/Intelligent Transportation Systems Planning**

The aim of Intelligent Transportation Systems (ITS) is to improve efficiency and safety of the transportation system in the area through deployment of advanced technologies and systems management techniques. ITS technologies offer benefits ranging from improved safety on the existing transportation infrastructure to enhanced travel information to users of the transportation facilities. ITS technologies also provide managers of the transportation systems to better utilize existing infrastructure by using information from ITS solutions.

The MPO has been tasked with the development and maintenance of the ITS Architecture, which provides a blueprint on how the various ITS elements implemented throughout the region interact with each other to allow for improved system operations. With changes in technology, this Architecture needs revisiting to better describe the activity and connectivity of these systems.

In addition, incident management activities have been recognized as a critical component in congestion management. The MPO will work with various stakeholders to implement the Regional Incident Management Strategic Plan to consolidate activities, increase communications, and grow incident management beyond Harris County.

#### **PRODUCTS:**

- 3.3.a1** Re-evaluate RTP and TIP project selection processes and criteria to ensure consistency with the adopted ITS Plan, Architecture and User's Guide.
- 3.3.a2** Conduct an update of the regional ITS Architecture (**Consultant Assistance Needed - \$100,000 TPF**).
- 3.3.a3** Continue to research Benefit-Cost methodologies to better assess operational and ITS improvements' impacts on congestion and air quality.
- 3.3.a4** Participate in Houston TranStar/ITS-related functions, such as attending meetings to provide the MPO's perspective and fulfilling TranStar Leadership Team requests.
- 3.3.a5** Facilitate annual ITS training for public sector entities in the TMA involved in the implementation of ITS. Provide food and non-alcoholic beverages, pending TxDOT approval, at events when deemed appropriate.