Experience with GIS at the Regional Transit Authority
Shannon Haney, GISP, Intelligent Transportation Systems Coordinator, Hillsborough Area Regional Transit Authority, Tampa, FL

ABSTRACT TEXT: Traditionally when people think of public transportation, they only think of a bus. However HART, Hillsborough Area Regional Transit Authority, takes you there by even going Beyond the Bus! Just as phones have become smart, buses have become smart.

This presentation will showcase our experience at HART leveraging GIS, ITS, and location based services to support transit operations, deliver innovative solutions, and creatively connect with citizens.

Intelligent Transportation Systems Using GIS
Hersh Singh, Principal Analyst, Regional Transportation Authority, Chicago, IL
Brad Thompson, Manager - Data Services & Analytics, Regional Transportation Authority, Chicago, IL

ABSTRACT TEXT: The Regional Transportation Authority utilizes GIS technology in a number of different ways to create efficiencies for staff and the general public.

The presentation will highlight applications utilized at the RTA that saves time and money including mobile data collection using ArcGIS Collector Mobile App, ADA-Travel Training web mapping application, and a Demographic Statistics application that allows users to access population and employment data in a few simple clicks.

Juxtaposition of T.NC. Performance Data Relative to Classic Paratransit
Zev Naiditch, General Manager, Transportation America, Miami, FL

ABSTRACT TEXT: Key performance indicators, such as on-time performance and Trip Denials have historically been applied to Paratransit systems as a measure of how well or poorly a system is performing. Available to our company, in addition to local Paratransit data, is the trip and performance data of a local T.N.C. (similar to Uber/Lyft in concept). As the trend in the Paratransit industry is leaning towards outsourcing Paratransit trips to TNC’s, for the purpose of minimizing costs, T.N.C. data should be analyzed using GIS, to predict or project potential future issues with key performance indicators that may occur, relative to historical Paratransit performance measures.