

Meet an Expert

Our featured expert this month is Dr. Robert Edelstein, P.E. Dr. Edelstein is a Vice President of DMJM Harris serving as the firm's Practice Leader for Intelligent Transportation Systems. He has 35 years experience (of which 30 years have been with DMJM Harris)



having served as Project Director, Project Manager and Project Engineer of ITS, traffic engineering and transportation planning assignments. His responsibilities have included research, training, technical analyses, preliminary and final engineering, construction engineering, preparation of project reports and public presentations. His projects have included:

- SMART SunGuide TMC, FDOT
- Smart Traffic Center, VDOT
- Chicago Transportation Management Center, CDOT
- Rhode Island TMC Operational Support Services
- Delaware River Port Authority TMC / Smart Bridge System
- FDOT District 4, ITS Training
- National ITS System Architecture Development, USDOT.
- I-4 Surveillance/Motorist Information System, FDOT
- CORTRAN TMC Master Plan
- Wabash Tunnel HOV Reversible
- ITS Tunnel System Traffic Incident Management Team Support Project, FDOT, FL.
- FDOT District 6 TMC Operations
- Jacksonville Transportation Management Center, FDOT District 2, FL.
- FHWA / NHI, ITS Awareness Training Course.

You may view Dr. Edelstein's impressive [resume](#). To arrange an exciting speaking engagement for your organization, Dr. Edelstein may be reached at [Robert Edelstein](#).

Welcome New Member

ITS Florida has a new member!

Please welcome:



• Bijan Behzadi – PB World, Tampa, FL

**ITS Market Data & Forecast:
Infrastructure
Florida Summary**

As long as traffic congestion and safety issues exist, there will be a need for Intelligent Transportation Systems (ITS) technology.

This particular report provided by the Intelligent Transportation Society of America (ITSA) focused on the "Infrastructure ITS" market, largely consisting of advanced traffic management and coordinated arterial signal systems, and, to a lesser extent, advanced traveler information and freeway management systems. This report, excluded tolling, parking and commercial vehicle related applications that are related to payment and credentialing.

While this summary focuses on Florida, the ITSA report encompasses the 48 contiguous United States. The Market Analysis stated that Florida ITS projects are heavily geared toward freeway management and more specifically, advanced travelers and traffic management systems. The devices include CCTV, vehicle detection equipment, DMS, other warning/safety devices, telecommunications lines, and the operation of Florida's traffic management centers (TMC).

Figure 1: Current and Future ITS Market Data & Forecast Reports



An analysis of regions that lead U.S. National Growth rate ranked Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee), as the top market accounting for an estimated \$581 million in 2008. The second largest regional market is Region 6 (Arkansas, Louisiana, New Mexico, Oklahoma, Texas) with a forecast of \$413 million in 2008.

A significant share of the region's base and growth rate are due to ITS deployments in Florida. This region also has the Florida sea ports of Miami and Tampa and Charleston, South Carolina, which have some of the highest imports and exports by value in the country. This region plays a very important role in U.S. domestic and international trade which is reflected by the size of the ITS market.

ITS growth is also driven by urban growth and resulting congestion. Florida is in the top 20 fastest growing states in the nation. This population growth and influx create urban development and subsequent traffic congestion along the urban corridors.

Miami, Orlando, Tampa and St. Petersburg all rank within the top 20 "large" urban areas in the U.S. in terms of traveler time delay. Continued ITS deployment in these areas can be expected as long as ITS solutions are seen as a cost effective means of addressing congestion.

The full document is available for a fee. Please contact [Laura Rogers](#) at ITSA for more information.

**ITS Florida
June Board Meeting**

The June Board meeting will be held via teleconference on June 10th at 1:30 PM. If you wish additional information, please contact [Sandy Beck](#).

ITS Florida Exhibit

Volunteers are needed for the ITS Florida Exhibit at the 2008 Freeway and Tollway Conference (FTOC) June 15-18 in Ft. Lauderdale, FL. Please contact [Sandy Beck](#).