



## Intelligent Transportation Systems in Louisiana

### Leadership by DOTD

ITS is a national initiative aimed at using state-of-the-art technology and communication with motorists to improve operations of transportation systems. The Louisiana Department of Transportation and Development (DOTD) has taken a leadership role in using ITS to improve traffic operations and safety on the state's highways as well as facilitate Louisiana's unique needs for hurricane emergency evacuation. As a leader in this effort, DOTD, teaming with the state's Metropolitan Planning Organizations (MPOs), local governments, and private partners, has made significant progress in the initiation of both state and regional ITS systems. The opening of the Baton Rouge Advanced Traffic Management and Emergency Operations Center is a landmark accomplishment that demonstrates the progression of cooperative partnering and working "outside-the-box" to improve driving conditions on the state's highways and positively affect quality of life for Louisianans.



### DOTD's ITS Activities

#### Consensus Building

Leading an ITS steering committee that brings together federal, state, MPO, public, and private sector stakeholders to assure system implementation targets needs

#### Systems Engineering & Integration

Contracting with the nation's top ITS professionals to assist with the implementation of a statewide computerized system that will detect highway problems, communicate information to motorists to help them avoid bottlenecks, improve traffic flow through improved traffic signal coordination systems



### Commercial Vehicle Operations

Providing information through ITS methods that will facilitate truck travel and goods movement throughout Louisiana's highways, ports and railheads

### Traffic Management Centers

Coordinating regional TMC's in New Orleans, Shreveport, Lafayette and Houma with a statewide TMC in Baton Rouge for regional and statewide traffic/emergency operations.

### Motorist Assistance Patrols

Operating MAP Patrols and Incident Management in New Orleans, Baton Rouge, Shreveport, and Lake Charles to assist stranded motorists and quickly clear lane blocking accidents and breakdowns to restore normal traffic flow on the interstates.

### Procurement of Technology

Developing standards for ITS devices (Dynamic Message Signs,

Traffic Surveillance Cameras, Traffic Signals and Highway Advisory Radio) to ensure seamless operation and seeking innovative purchasing methods to quickly procure current technology while conserving public funds.



For more information, please contact:

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*DOTD's ITS Program... "Using Information Technology to Effectively Manage Transportation in Louisiana"...*