



University/Private Industry Partnerships

Delivering Transportation

University/Private Partnerships

‘save lives, time and money’

Is a phrase from ITS America that describes their mission in deploying technologies and better management practices in transportation. Their goals are zero crashes and zero congestion.

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Who are these Private Partners?

- Consultant Community
- Automobile Industry
- Information Service Providers
- Telematics Industry
- Vendors and Suppliers
- Logistics Operations
- Others

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● Highway Safety Opportunities

- Human factor analysis

- Design Needs

- Driver Needs

- Intelligent Vehicle Initiatives (IVI)

- Advance Notification and Warning Systems

- Intersections, rear-end collision, road departure, smart cruise control, etc.

- Mayday

- Telemedicine and crash assessment systems

- Rail Crossings

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● Traffic Management

- Freeway Management
- Arterial Management
- Incident Management
- Work Zone Management
- Non-recurring and recurring congestion
 - Design Needs
 - Operational Needs

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Traffic Management

- Transit Management
 - Urban Needs
 - Rural Needs
- Commercial Vehicle Operations
- Intermodal Facilities – Rail, Water and Air
- Maintenance Decision Support Services (MDSS)

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● Transportation Management Systems

- Pavement Management

- Bridge Management

- Roadside Features

- Traffic Control Devices – signs, striping, etc.

- Safety Devices – guardrail, cable, highway lighting, etc.

- Roadside Landscaping – Sustainable

Areas of Influence

- Materials
- Equipment
- Methods and Practices
- Risk Assessment
- Return on Investment



Questions

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