

### 1.3.3

#### Where the Technology Meets the Road

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Commercial and private drivers are coming to expect near-real time roadway and traffic information integrated with their routing systems that can help them avoid traffic and get safely to their destination. DOTs have to manage increasing traffic volumes on existing roadways. Near-real time roadway and traffic information, connected vehicle technologies, and predictive traffic condition modeling based on historical information is driving the evolution of proactive corridor management. From a federal regulation prospective, MAP-21 Requires that every state have transportation accountability and improvement. This means increased data collection and performance monitoring. Many of the current ITS systems are not meeting driver and DOT demands. This is forcing traffic management organizations to search for alternatives that can fulfill the need.

This presentation is designed to inform the traffic management organization's (DOTs) leadership and staff about the current and near future technologies designed to fulfill both the driver and DOT need for information. The presentation will explain the technologies and then provide practical benefits of implementation. We do not represent any ITS software companies and can therefore provide an un-bias presentation of the technology and their practical benefits and costs.