



**Application**  
Vehicle Responsive  
Excessive Speed Warning  
ITS Camera & Loop Replacement

**Location**  
Minneapolis, MN

**Technology**  
1 PCMS with Speed Radar  
11 Traffic Sensors

**Duration**  
2008 & 2010

### **Project Description**

Minnesota DOT (MNDOT) asked us to provide temporary replacement sensors (via an XML feed into their Regional Traffic Management Center - RTMC) for all of the roadway loop detectors they lost during construction on one the Twin Cities busiest sections of roadway (250,000 ADT). The replacement sensors keep the RTMC's regional travel time system in tact throughout this project. We provided a mixture of 11 sensors using G4 RTMS's and Doppler radars to replace lost loop detectors.

In addition, after the project started, MNDOT was experiencing speed related crashes in a lane transition area. We were able to rapidly deploy a speed activated PCMS that warned vehicles with excessive speed to "REDUCE SPEED-CURVES AHEAD". Through our JamLogic server, MNDOT and their consultants are able to monitor the system and loops.

### **Project Success**

JamLogic's XML feed of vital system sensor data to MNDOT's Regional Traffic Management Center (RTMC) has created a seamless system for their overall travel time system during the multi-year, multi-phase major reconstruction of I-35W at the Crosstown Highway. We also helped reduce unanticipated speed related crashes in a lane transition area using rapidly deployed speed activated PCMS.

### **Project References**

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