



Application
Traffic Responsive
Travel Time & Lane Management

Location
Lincoln, NE

Technology
6 PCMS's
4 Traffic Sensors
2 Cameras

Duration
Apr 2006-Dec 2007

Project Description

The Nebraska Department of Roads (NDOR) performed reconstruction and bridge widening on Interstate 80, the busiest highway in Lincoln and primary connector with Omaha. NDOR required a temporary work zone traffic management system capable of communicating with their existing roadside signs.

We designed, deployed, and maintained a JamLogic system for the project's duration with local project management and assistance from ITERIS, Inc. The JamLogic system and devices supplied travelers with real-time traffic information, including travel times, incident reports, and congestion reports.

Project Success

Based on prior intelligent work zone experience, Nebraska officials approached its use on this project cautiously. NDOR initially managed PCMS message entry and display manually. After proving the JamLogic system, NDOR implemented its full automation controls. The system automatically activated condition-specific, pre-programmed messages based on continuously updated traffic status information.

NDOR's unique contracting process allows flexibility to modify deployment sites, goals, and equipment under the same multi-year contract. We continued our work on technology-enhanced traffic control projects with NDOR throughout 2008.

Project References

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