



Application
 Traffic Responsive, Traveler Information
 Travel Time, Route Management

Location
 Detroit, MI

Technology
 27 Travel Time Displays
 10 PCMS's, 190 Traffic Sensors
 30 Cameras

Duration
 Dec 2007 – Dec 2009

Project Description

For this major highway and bridge reconstruction in metropolitan Detroit, the Michigan Department of Transportation required lane closures and traffic rerouting. MDOT's goals include increased capacity, improved traffic flow at a major bridge crossing, and decreased traffic volume on city streets. Alternate travel route availability and guidance is invaluable in this work zone covering 14 lane miles and carrying 110,000 ADT.

JamLogic has been providing comprehensive, network-level data for management of this complex project, the largest single bid item undertaken to date by the Michigan DOT. This intelligent work zone system provides information to residents and visitors alike and helps to manage traffic at the Ambassador Bridge, the largest U.S.-Canada commercial crossing. Applications include travel times for alternate routes, web control of PCMS for contractors and DOT staff, and live camera images.

Project Success

JamLogic successfully managed technology-enhanced traffic control on more than 200 miles of roadway during this phase of MDOT's project. The map above illustrates the sensors, signs, and cameras deployed for this project as of January, 2008. MDOT has been consistently utilizing JamLogic Intelligent Work Zone applications since 2004.

Project References

Will Mathies, Safety Engineer
 Michigan Department of Transportation
 Email: mathiesw@michigan.gov
 Phone: 248-483-5134

Victor Judnic, Traffic and Safety Specialist
 Michigan Department of Transportation
 Email: judnicv@michigan.gov
 Phone: 313-967-5407

