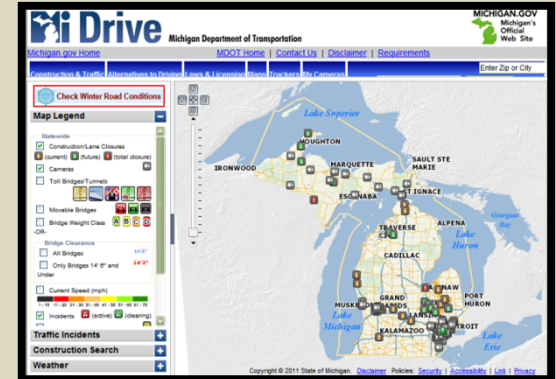




South East Michigan Transportation Operations Center

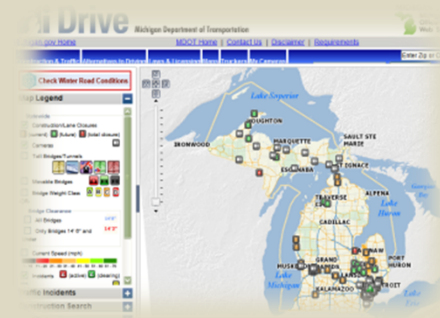
Intro to First SEMTOC





SEMTOC Core Functions

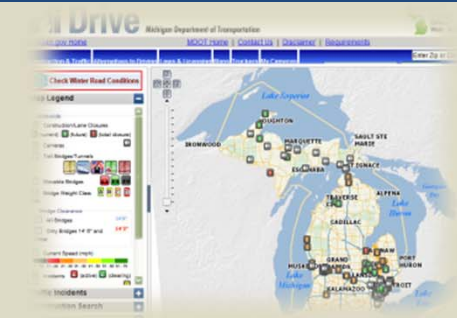
- Incident Management
- Traffic Information
- Freeway Courtesy Patrol (FCP) Dispatch
- Special Event Coordination
- Construction Coordination
- Data Warehouse





Incident Management

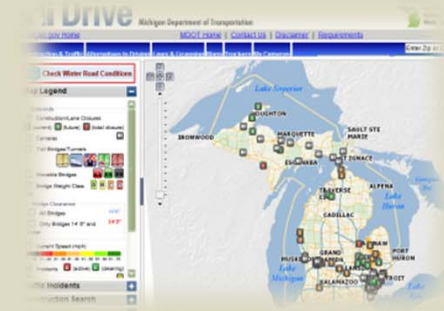
- Monitor incidents on cameras
- Dispatch FCP if needed
- Communicate with Michigan State Police (MSP)
- Notify drivers of closures via dynamic message sign (DMS) messaging





Incident Management

- Incident Responder Safety Workshops
 - Held at various local police/fire stations
 - Teaches safe practices to follow on scene
 - Classroom and field demonstrations
- Metro Detroit Traffic Incident Management Groups

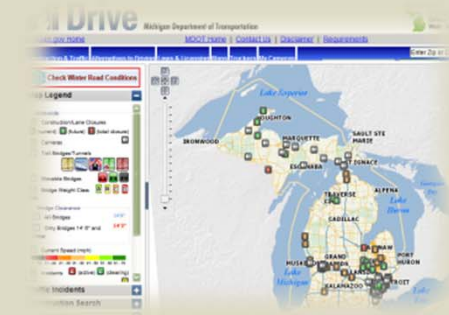




Traffic Information

Collect information from:

- Cameras along the freeways
- Microwave Vehicle Detection Systems

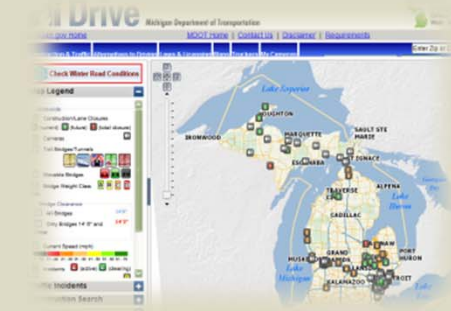
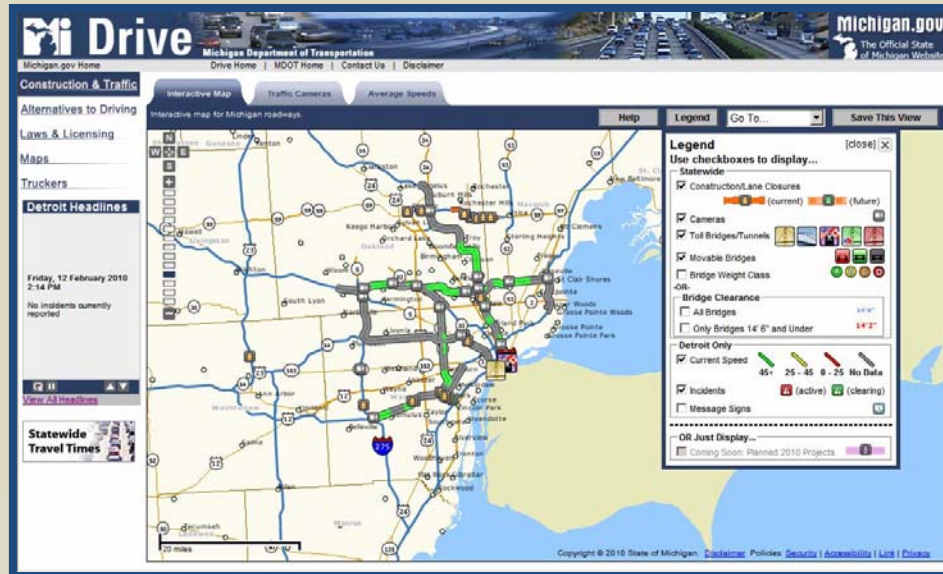




Traffic Information

Disseminate information to:

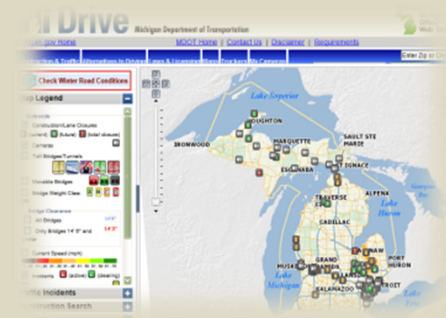
- Dynamic Message Signs
- Mi Drive Web site: www.michigan.gov/drive





Freeway Courtesy Patrol (FCP)

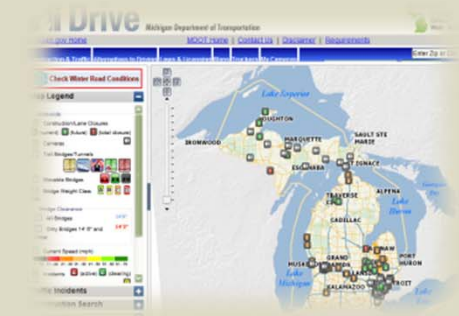
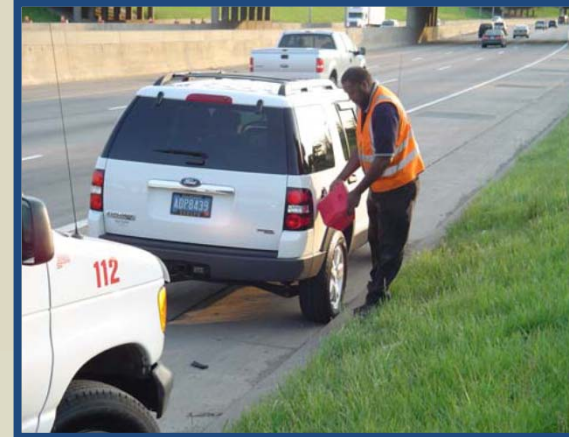
- Assists with:
 - Accidents
 - Flat Tire/Mechanical Problems
 - Out of Gas
 - Etc.
- Drivers may find an event during routine patrol or may be dispatched by a control room operator





Freeway Courtesy Patrol (FCP)

- Annually, the FCP performs approximately 50,000 stops
- The FCP patrols over 300 miles of Metropolitan Detroit freeways
- 24/7 operations, but schedules may be altered during special projects

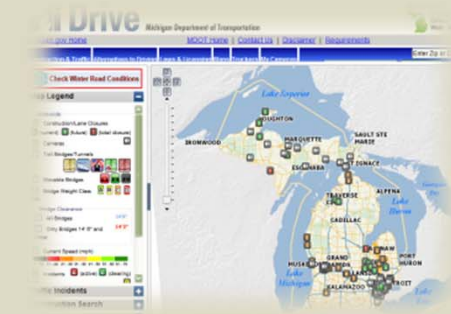
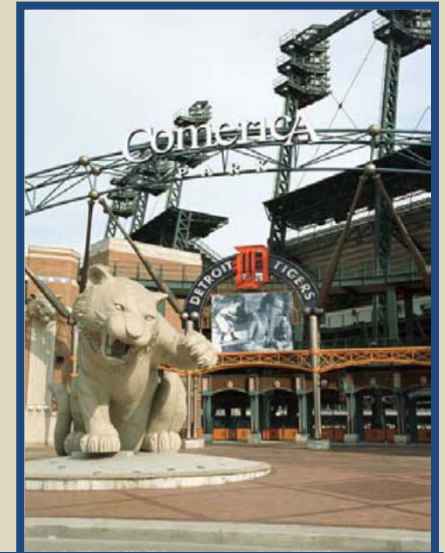




Special Event Coordination

Event Coordination

- Sporting Events, Fireworks, Auto Show, etc.
- Coordination between SEMTOC Center, Local Police, Event Agency/Vendor
- Develop Traffic Management Plans
- Display special message plans on DMS to direct traffic to and from events





Construction Coordination

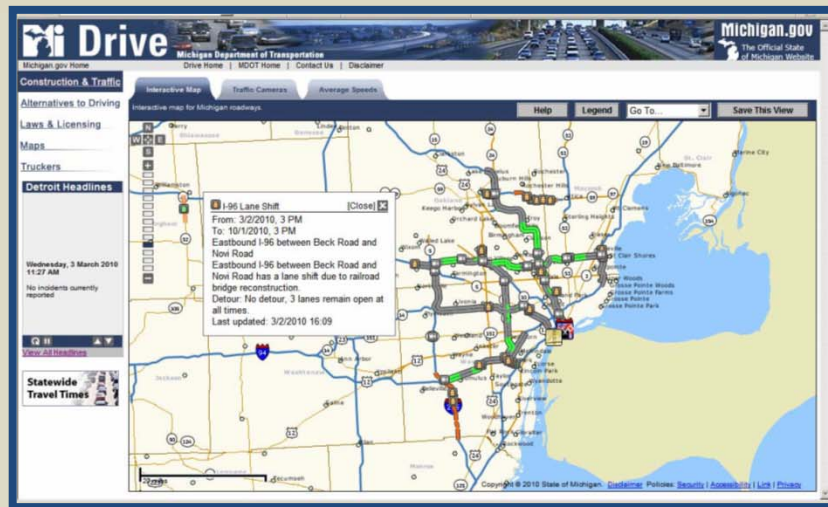
- Hold construction coordination meetings bi-weekly
- Contractors and consultants notify SEMTOC of any lane closures





Construction Coordination

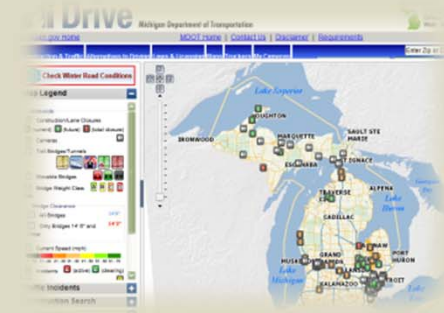
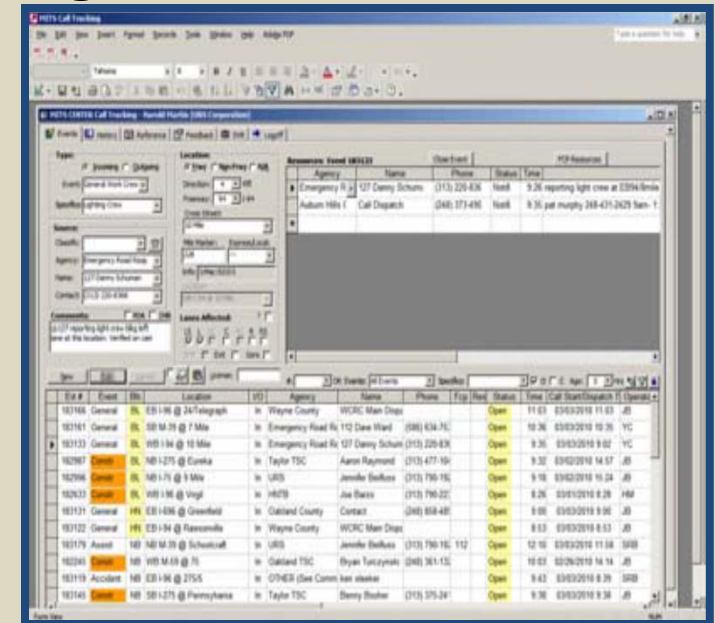
- MITS Center operators disseminate messages to DMS to notify drivers of construction
- Construction information is updated on the Mi Drive Web site for the public to view





Data Warehouse

- CCTV camera feeds are recorded during high impact events
- DMS messaging history is stored
- Traffic detectors collect volume and speed data
- Maintenance activity is recorded
- Specially designed Access databases allow SEMTOC operators to:
 - Record all incoming and outgoing calls
 - Keep record of all Freeway Courtesy Patrol events





Data Warehouse

The SEMTOC reports on the data collected

- Monthly Performance Measures
- Annual Report
- As-requested special studies

