TRAFFIC INCIDENT MANAGEMENT FOR METRO DETROIT

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WHAT IS A TRAFFIC INCIDENT?

• An event that blocks a lane for more than 30 minutes.

INCIDENT MANAGEMENT SOLUTIONS

• Detection and Verification
• Response and Clearance
• Recovery and Information
TRAFFIC FLOW DURING AN INCIDENT

INCIDENT TYPES

- Traffic Crash
- Disabled Vehicle
- Debris
- Cargo Spill
- HAZMAT Spill
- Abandoned Vehicle

INCIDENT RESPONDERS

- Police
- Fire
- HAZMAT
- Emergency Medical
- Tow Vehicles
- Road Agencies
- Broadcast Media
METRO DETROIT INCIDENT MANAGEMENT COALITION

- Michigan Department of Transportation
- Michigan State Police
- Southeast Michigan Council of Governments
- City of Detroit
- AAA Michigan
- Road Commission for Oakland County
- City of Troy
- WWJ

METRO DETROIT INCIDENT MANAGEMENT COALITION (2)

- Emergency Road Response
- MDOT – Grand Region
- Michigan State University
- Federal Highway Administration
- Hubbell, Roth & Clark, Inc.

BLUEPRINT FOR ACTION

- Combine MSP Dispatch Operations with MDOT Intelligent Transportation Systems Center
- Expand CCTV Camera and Variable Message Signs on Metro Detroit Freeways
- Establish Freeway Courtesy Patrol
- Reduce Abandoned Vehicle Time Limit from 48 Hours to 18 Hours
FREeway COURTESY PatroL

- Currently a Service of MDOT
- Contractors are AAA Michigan and Emergency Road Response
- 35 Vehicles Patrol Metro Detroit Freeways
- 27,000 Assists in 2002

Figure 4
Types of Problems Assisted by Freeway Courtesy Patrol Drivers, 2002

Source: SEMCOG
CONTINUING COORDINATION ACTIVITIES

• Review of Operations and Incident Responses
  - I-75/I-94 Tanker Explosion
  - Freedom Festival Fireworks Traffic Management

• Review of Messages on Dynamic Message Signs
  - Message Priorities
  - Safety Messages
  - Travel Time Messages

CONTINUING COORDINATION ACTIVITIES (2)

• Develop Incident Management Procedures
  - Incident Severity Classification
  - Responder Matrix for each Incident Level

• Establish Tow Desk
  - Suggestion from Tow Company Representative
LEVELS OF INCIDENTS

<table>
<thead>
<tr>
<th>Level</th>
<th>Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level I</td>
<td>Construction or weather related lane restrictions</td>
</tr>
<tr>
<td>Level II</td>
<td>Freeway or median shoulder closure</td>
</tr>
<tr>
<td>Level III</td>
<td>One or more lanes closed on one or both directions</td>
</tr>
<tr>
<td>Level IV</td>
<td>One direction freeway closure</td>
</tr>
<tr>
<td>Level V</td>
<td>Full freeway closure</td>
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</table>

CONTINUING COORDINATION ACTIVITIES (3)

• Report on the Road Commission for Oakland County Traffic Operation Center Activities

• Report on MDOT Grand Region Incident Management Activities

METRO DETROIT INCIDENT MANAGEMENT PROGRAM

• Reduces Traffic Congestion
• Improves Highway Safety
Questions?