



23 Oct 2013 Highways PRECAP Briefing

Essential Elements of Information

- Emergency Service Route (ESR) Status
- Route Status Symbolology

GIS Data Collection

- Mile Marker Geocoding Capability
- Roadway Information Systems Sources
- Conjoining State Route Data Feeds

Common Operational Picture Requirements

- Route Inspection
- Electronic Data Transfer of Status

Emergency Service Route Status

- All states have predetermined ESRs.
- Information for ESRs rests primarily with each state's Department of Transportation.
- Criteria must be defined for ESRs.
- State data feeds must be dropped into a connected system.

Route Status Symbology

- All states concur on route status criteria:
 - **Red** = Closed
 - **Yellow** = Restricted (with a dropdown box for comment such as weight limit, etc.)
 - **Green** = Open
- All routes are considered **closed** immediately post event until inspected and opened by segment.

Mile Marker Geocoding Capability

- All states have geocoding capability.
- Each state will capture the information for mile marker-to-mile marker ESR status.
- If data cannot be linked or received electronically, HF radio will be necessary for route status updates.

Roadway Information Systems Sources

- Each state has a roadway information system:
 - ALABAMA, dot.state.al.us
 - ARKANSAS, idrivearkansas.com
 - ILLINOIS, dot.state.il.us
 - INDIANA, indot.carsprogram.org/main.jsf
 - KENTUCKY, 511.ky.gov
 - MISSISSIPPI, mdottraffic.com
 - MISSOURI, modot.org
 - TENNESSEE, tn511.com
- All state roadway information maps are updated within minutes of reported status changes.

Conjoining State Route Data Feeds

- States have concurred to provide GIS service route data for input into a multi-state interoperable and connected exercise map.
- A unified criteria for route status has been decided upon.
- Issues to be considered include:
 - The need for same symbols and criteria
 - Changes in state URLs that affect the GIS data feed
 - State server connection

Route Inspections

- Route inspections or assessments will be conducted through both aerial and ground surveillance through state DOTs and Civil Air Patrol.
- All routes will be opened in segments.
- In the event of aftershocks, routes will show closed again and be reassessed.

Electronic Data Transfer of Information

- Route status information will need to be entered into ArcGIS.
- Connection will need to be made through state DOT or state agency IT departments to facilitate data transfer.



PRECAP



CAPSTONE



CUSEC & PARTNERS



CAPSTONE 14

