Maintenance Decision Support System
Annual Stakeholders Meeting

FHWA MDSS RoadShow Update

Session 2 – Getting Out the Word

Ray Murphy, ITS Specialist
Operations Technical Service Team
Federal Highway Administration
Resource Center
The FHWA Resource Center…
“Bringing It All Together”

Mission: To advance transportation technologies and solutions through training, technical assistance, technology deployment and partnerships.
Operations TST

16 areas of high priority or demand

- Freeway management
- Traffic signals
- Work zones
- MUTCD
- Access management
- Traveler information
- Emergency Traffic Operations
- Infrastructure
- Models/simulations
- Urban/Rural ITS applications
- Road Weather Management
- ITS architecture & standards
- Systems integration
- Telecommunications
- Hardware/software in transportation
- Traffic Incident Management

www.fhwa.dot.gov/resourcercenter
Getting the Word Out!

The goal of the MDSS outreach effort is to promote deployment - ultimately helping operating agencies achieve safety and mobility goals while decreasing, or at a minimum holding steady, operating expenses, by:

- MDSS RoadShow
- AASHTO TIG
- MDSS DEPLOYMENT GUIDE
- Annual MDSS Stakeholder Meeting
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Session 1  <strong>System Development</strong></td>
<td>45 min</td>
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<tr>
<td>9:45 AM</td>
<td>Session 2  <strong>Functionality &amp; State DOT Perspectives</strong></td>
<td>45 min</td>
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<tr>
<td>10:30 AM</td>
<td>Break</td>
<td>15 min</td>
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<tr>
<td>10:45 PM</td>
<td>Session 3  <strong>Vendor Capabilities</strong></td>
<td>45 min</td>
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<tr>
<td>11:30 PM</td>
<td>Session 4  <strong>Next Steps… Making the Investment</strong></td>
<td>30 min</td>
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MDSS...

A Smart Investment in Winter Maintenance

Benefit Areas:

- Safety
- Mobility
- Productivity
- Efficiency
- Energy & Environment
- Customer Satisfaction
MDSS & Clarus

MDSS requires accurate surface and pavement observations such as RWIS/ESS in order to initialize & run its weather & pavement models.

A healthy and reliable ESS network is the basis for an effective MDSS.
State and local agencies spend **billions**…

Activities include all necessary labor, equipment, & materials used for applying salt, other chemicals, or sand to the roadway during or after weather events; for plowing snow, ice, and slush from roadways and bridges; & for plowing areas adjacent to the roadway.
MDSS ROADSHOW has made its way through 15 States...

Getting the Word Out!

MDSS RoadShow

Upcoming Sessions:

- New York State DOT – Maintenance Managers' Meeting
  Corning, New York Nov 14, 2007

- Utah DOT, by Russell Robertson, FHWA Utah Div.
  Utah Engineering Conference
  Salt Lake City, Utah Nov 14, 2007
Maintenance Decision Support System
Focus Technology

Getting the Word Out!
MDSS DEPLOYMENT GUIDE

Bill Dye, Dye Management Group, Inc.,
John Lasley, SAIC
Ed Boselly, Weather Solutions Group

Functional Specification Template and Procurement Guidance

Science Applications International Corporation
Maintenance Decision Support System
Annual Stakeholders Meeting

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FHWA Resource Center

MDSS RoadShow web site:
http://www.ops.fhwa.dot.gov/weather/seminars/mdss_roadshow

FHWA MDSS RoadShow Update