

Maintenance Decision Support System Annual Stakeholders Meeting

FHWA MDSS RoadShow Update



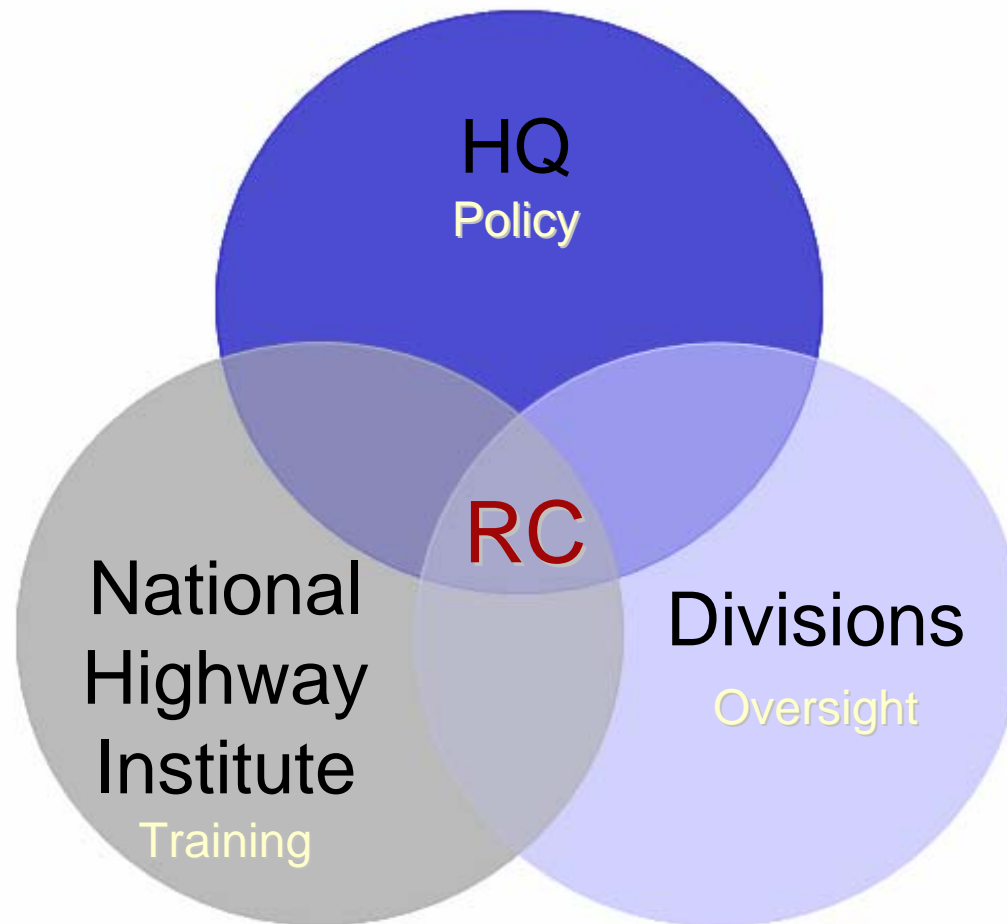
Session 2 – Getting Out the Word

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

www.fhwa.dot.gov/resourcecenter

16 areas of high priority or demand

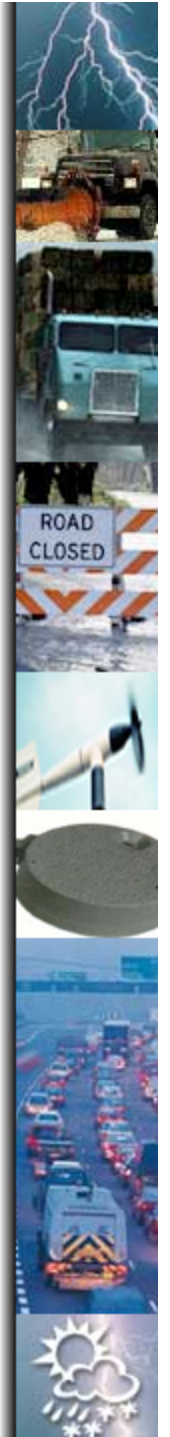
- Freeway management
- Traffic signals
- Work zones
- MUTCD
- Access management
- Traveler information
- Emergency Traffic Operations
- Infrastructure
- Models/simulations
- Urban/Rural ITS applications
- **Road Weather Management**
- ITS architecture & standards
- Systems integration
- Telecommunications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

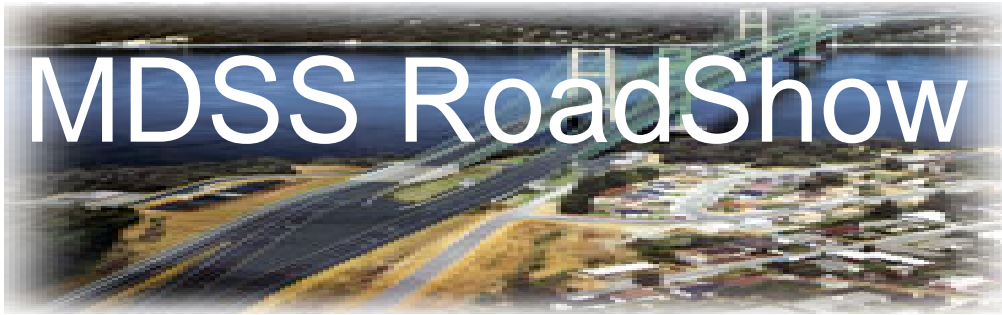


Getting the Word Out!

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





Washington DOT Shop Session

Agenda



Time	Presentation	Duration
9:00 AM	Session 1 System Development	45 min
9:45 AM	Session 2 Functionality & State DOT Perspectives	45 min
10:30 AM	Break	15 min
10:45 PM	Session 3 Vendor Capabilities	45 min
11:30 PM	Session 4 Next Steps... Making the Investment	30 min

MDSS...

A Smart Investment in Winter Maintenance

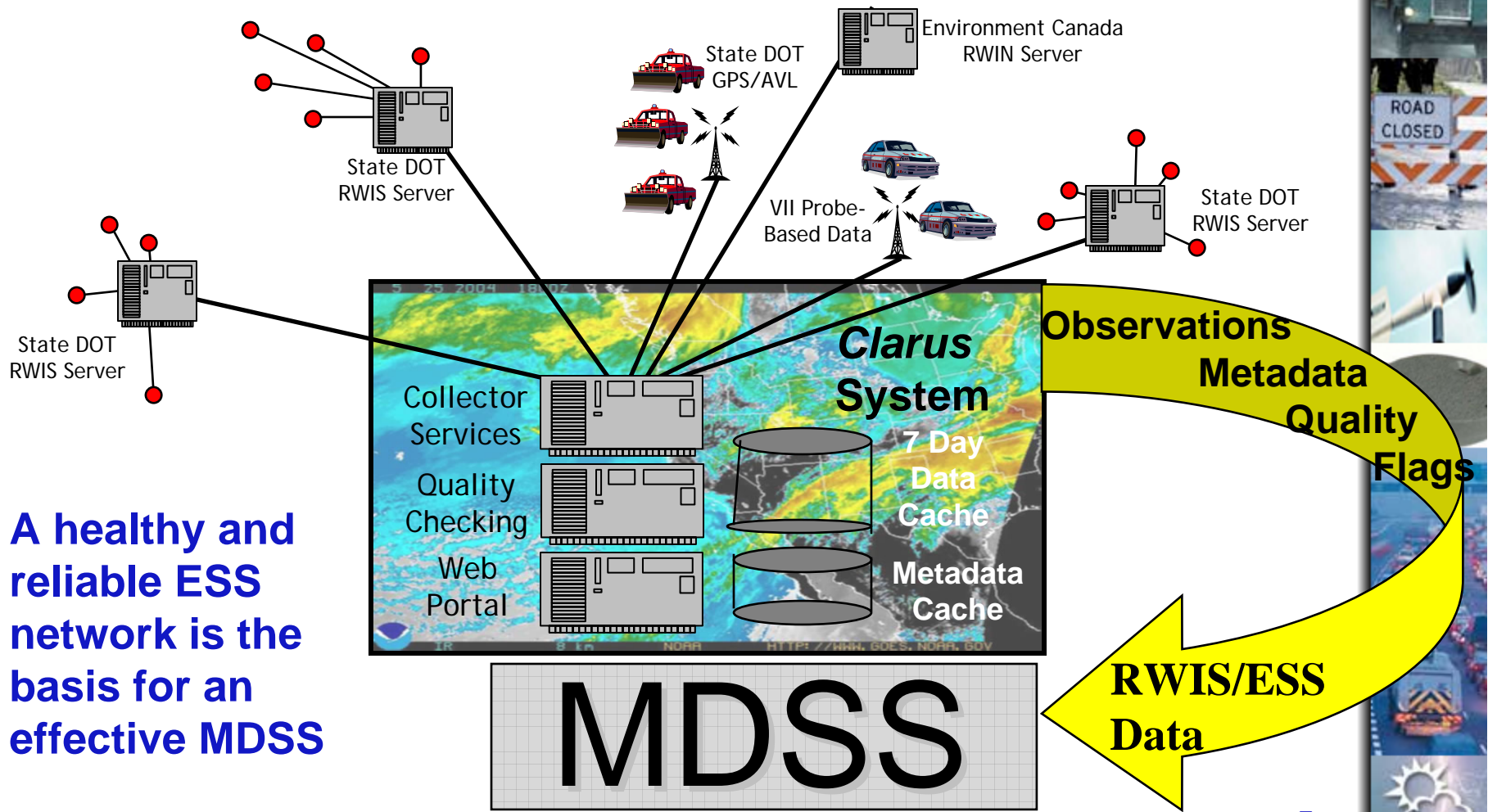
Benefit Areas:

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



MDSS & Clarus

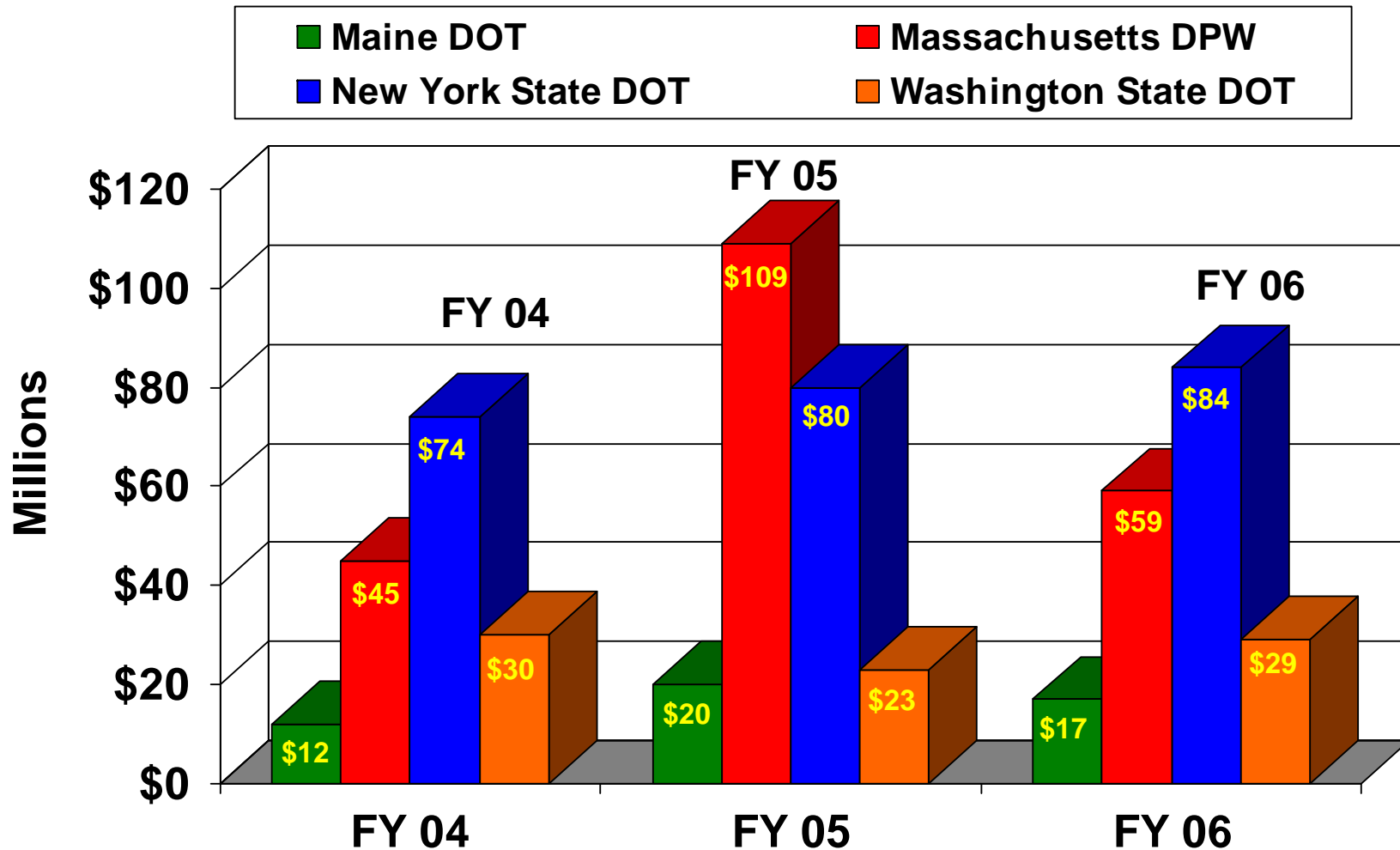
MDSS requires accurate surface and pavement observations such as RWIS/ESS in order to initialize & run its weather & pavement models.



A healthy and reliable ESS network is the basis for an effective MDSS

MDSS

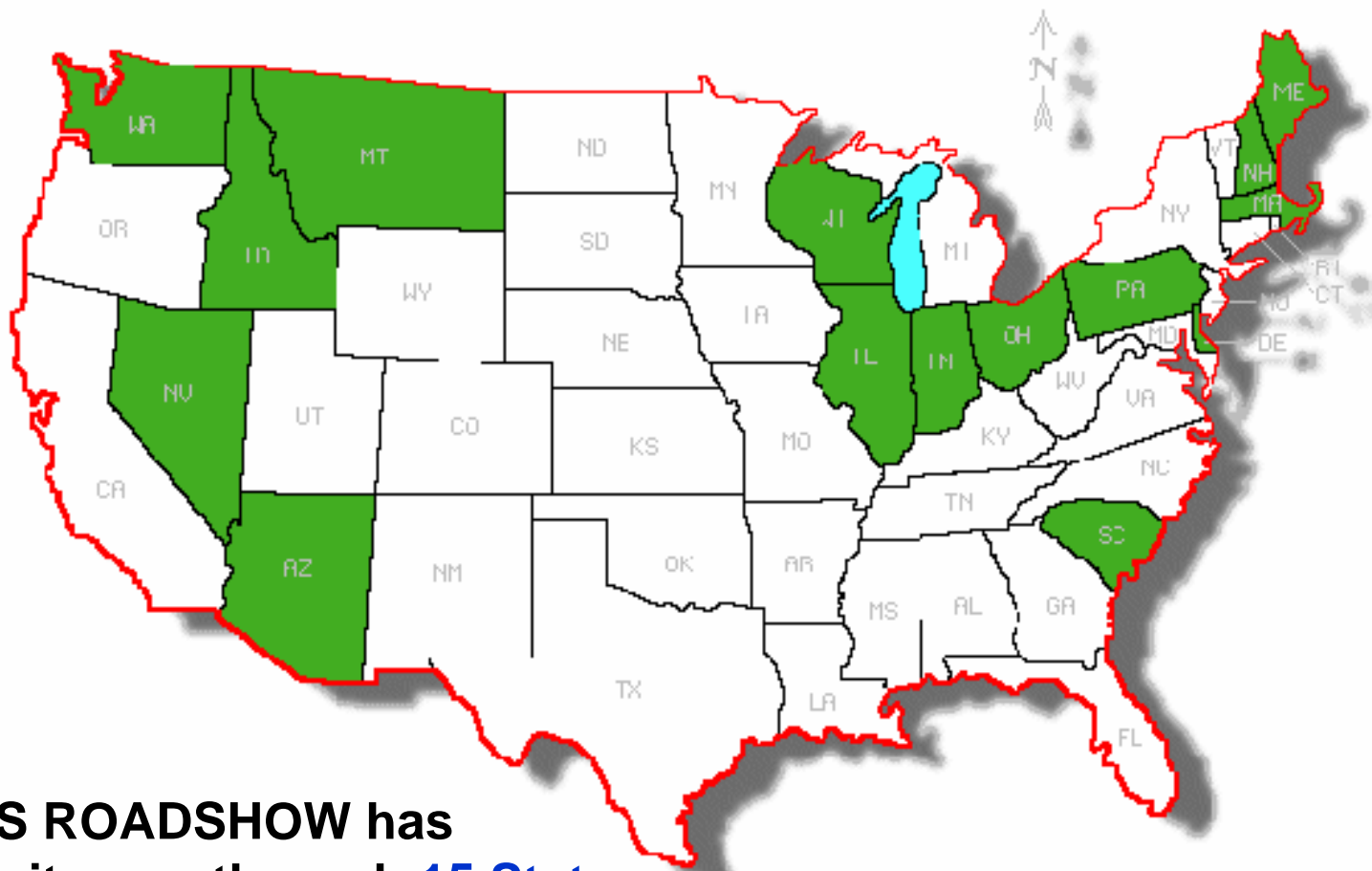
State and local agencies spend **billions...**



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.



Getting the Word Out!



MDSS ROADSHOW has
made its way through **15 States...**

**Arizona, Delaware, Idaho, Illinois, Indiana,
Maine, Massachusetts, Montana, Nevada, New Hampshire,
Ohio, Pennsylvania, South Carolina, Washington, and Wisconsin.** 9



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!



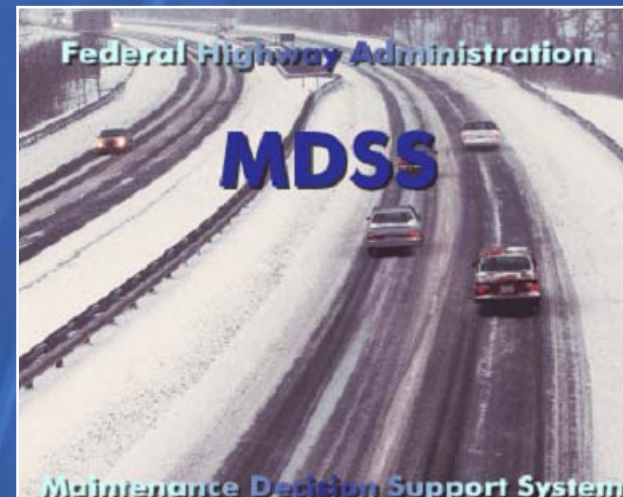
MDSS DEPLOYMENT GUIDE

Bill Dye, Dye Management Group, Inc.,

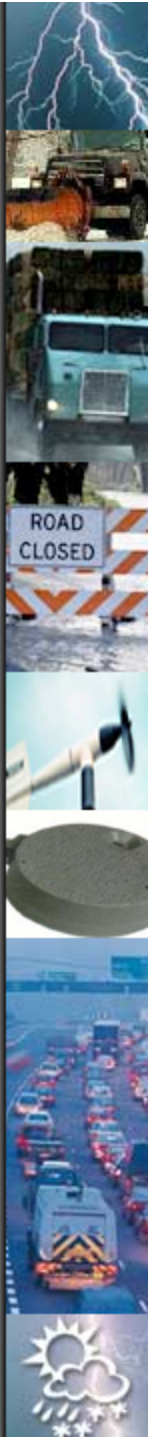
John Lasley, SAIC

Ed Boselly, Weather Solutions Group

Functional
Specification
Template and
Procurement
Guidance



Science Applications International Corporation



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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

