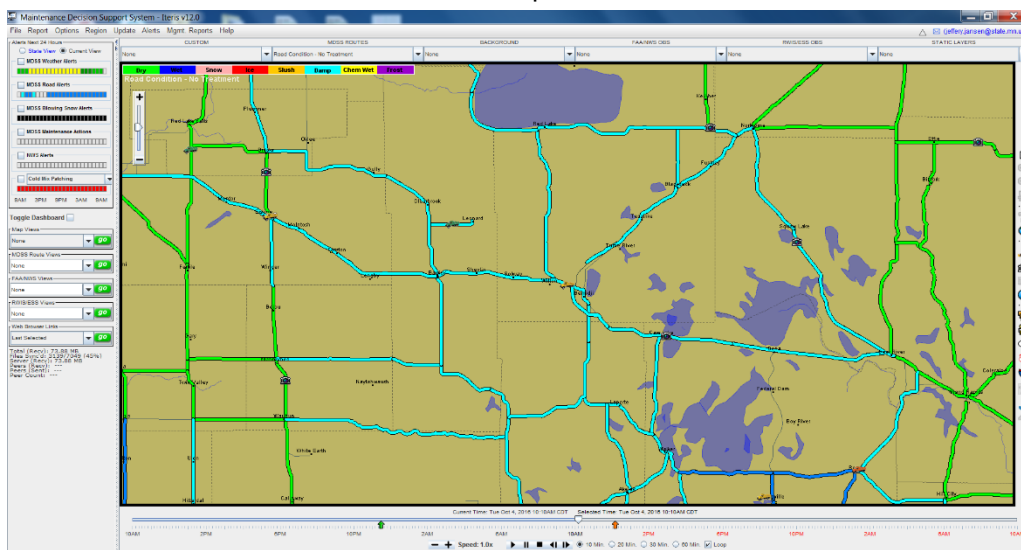


Maintenance Research Bulletin: October 2016

NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research



MDSS

MDSS is a Maintenance Decision Support System that was designed to help operators and managers within transportation organizations be proactive when making choices about roadway maintenance.

Benefits

Some of the benefits MnDOT has experienced from the MDSS and AVL projects so far are:

- Reductions in extraneous travel resulting in savings of time, fuel, and equipment wear and tear
- Delivery of information directly to the trucks giving our operators up to the minute weather and treatment recommendations to base their decisions on without returning to the truck stations, saving time and salt usage
- MDSS has functioned as a training tool to help get new operators and cross functional employees up to speed faster as well as challenging the thought process of experienced employees
- Provides reports to help keep track of salt usage on each plow route, helps with speed compliance while applying material to keep more material on the road, provides proof of actions in complaints/lawsuits/accidents; as well as many other benefits not named here

For more information contact:
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Upcoming Events

**CTS Transportation
Research Conference**
The Commons Hotel
Minneapolis, MN
November 3, 2016

Towards Zero Death
Duluth Convention Center
Duluth, MN
November 16-17th, 2016

APWA Fall Conference
Earle Brown Heritage
Center
Brooklyn Center, MN
November 17-18th, 2016

**Maintenance Research
Website:**
<http://www.dot.state.mn.us/maintenance/research.html>

Comments? Questions?
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We all have a stake in **A TO B**

