



Maintenance Research Bulletin

NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research

January 2008

Upcoming Events

2008 Road Salt Symposium
February 5, 2008
Crowne Plaza, Brooklyn Center

**ATSSA "How To" Training
and Education Workshop**
March 18-19, 2008
Ramada Plaza Suites, Fargo ND

**Spring Maintenance and
Training Expo**
April 15-16, 2008
St. Cloud Civic Center

CTAP

(Circuit Training and Assistance Program)

Kathy Schaefer 651/366-3575

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

Happy New Year!

Comments? Questions?
Maintenance Research Engineer

651/366-3545



Innovative Snow and Ice Equipment

A tandem axel truck will be equipped with 2 in box 450 gallon saddle tanks and rigged with a pressure pump brine application system rather than the present gravity fed system. This system will have the capability to apply brine at the recommended 80 gallons per ton of abrasive (salt) resulting in the use of less abrasive and less material getting blown off the road. The material coming out of the sander will be a slurry like mix which will activate upon application. The existing truck sander is equipped with chutes allowing the chemical abrasive and brine to be applied near the road surface rather than thrown onto the ground with present spinner application systems. This project will be evaluating regain times and material usage to routes using traditional methods.

For more information contact:
Wes Smith, Superintendent D6W
Owatonna, 507/446-5504