



# Maintenance Research Bulletin: December 2013

**NTREC New Technology Research Equipment Committee**  
**MOR Maintenance Operations Research**



## PlowGuard

The PlowGuard system is integrated into the hydraulic system of a plow truck, allowing the operator to have greater control of the front plow during a snow and ice event. When in use, it only allows a fraction of the plow's overall weight to bear down on the road surface. Benefits of using this system are as follows: extension of cutting edge life, improvement in truck operating efficiency, reduction in truck wear and less road surface damage. District 3 operators will evaluate this system for its ability to extend cutting edge life while effectively clearing the road surface of snow.

**For more information contact:**  
**Kelvin Smith 320/223-6560**  
**District 3 St. Cloud**

## Upcoming Events

**TERRA Pavement Conference**  
Brooklyn Center  
February 5, 2014

**13<sup>th</sup> Annual Road Salt Symposium**  
Chaska  
February 6, 2014

**Minnesota's Transportation Conference**  
Bloomington  
March 4-6, 2014

**Northland Chapter ATSSA "How To"**  
Fargo, North Dakota  
March 18-19, 2014

**Season's Greetings from all of us in the Office of Maintenance, Research and Training Section**



**Have a Safe Holiday Season!!**

**Comments? Questions?**  
**Maintenance Research Program Administrator**  
651/366-3585  
Ryan Otte

*Your Destination...Our Priority*

