



# Maintenance Research Bulletin: September 2014

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



## Falls Poly Plow

Although poly plows are not new to MNDOT, the Falls Poly Plow offers unique and innovative advantages compared to models currently used. The Falls Poly Plow is mounted closer to the truck which allows less material to fly over the plow and land on the windshield making a safer operation. The unique design of the plow and the use of poly will allow snow to slide out the end easier and further while using less power and fuel. The tripping mechanism allows individual segments of the cutting edge to trip independently and return to the normal plowing position without manually resetting the cutting edge. MNDOT District 4 staff will evaluate this plow based on performance and the amount of debris landing on their windshield while plowing; wear on mechanical components of the plow and cutting edge life compared to other plows on similar surfaces.

**For more information contact:  
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## Upcoming Events

Road Weather Technology Meeting  
St. Cloud  
October 7, 2014

Fall Expo  
St. Cloud Public Works  
October 8-9, 2014

Towards Zero Deaths Annual Conference  
Duluth  
November 13-14, 2014

MAAPT  
61<sup>st</sup> Annual Asphalt Conference  
St. Louis Park  
December 10, 2014

Road Salt Symposium  
Chaska  
February 5, 2015

TERRA  
Pavement Conference  
St. Paul  
February 12, 2015

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

