



Maintenance Research Bulletin: March 2015

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



Amber LED Fog Lights

This amber LED fog light incorporates using both “spot” optics in the middle and “flood” optics in the outer sections to provide a combination of distance and area. This hybrid light projects over great distances in a concentrated beam and should help snow plow operators see in the most extreme snow and ice conditions. Two sets were mounted on a district 6 plow truck, one set positioned near the head lights in the traditional location and the other set positioned over the top of the plow. Only one set is operational at a time. This will allow operators to toggle back and forth between the two to help decide if one location is better than the other. In a recent discussion with the operators, they said, “Although they produce extreme amber light, they are very beneficial compared to the current fog lights.”

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Upcoming Events

**NTREC
Update Meeting
St. Cloud Training Center
April 22, 2015**

**Minnesota Roadway
Training and Demo Day
Dakota County Technical
College
May 13, 2015**

**Road Weather Technology
Spring Meeting
St. Cloud Training Center
May 14, 2015**

**26th Annual CTS
Research Conference
River Centre, St. Paul
May 20-21, 2015**

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

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

