



# Maintenance Research Bulletin: November 2014

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



## Halo Lights

The Halo Light is a 360° personal active safety system that attaches to any hard hat and produces a ring of light around the wearer, enabling them to see and be seen in all directions at all times. This system has 3 modes: HI-ALERT – provides a unique visual identifier by flashing the light in a 360-degree spin to maximize your chance to be seen by others. TASK – maximum brightness on the front third to illuminate your immediate work area out to the visual periphery. DIM – a low-power, 360-degree light when working in close proximity to others. District 7 staff will test these lights during night flagging operations to determine whether or not they are more visible to the traveling public. They also plan to test them during night maintenance operations and in emergency situations for better visibility in their work area and for those working around them.

**For more information contact:  
Randy Glaser 507\304-6234  
TOS 1 District7**

## Upcoming Events

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

Minnesota Transportation  
Conference  
Bloomington  
March 3-5, 2015



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

We all have a stake in **A  B**

