

Maintenance Research Bulletin: January 2018

NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research

OptoEngineering Truck Mounted LED Light Tower



Whether it is in an emergency situation or night-time maintenance operations, it is difficult for the motoring public to see workers on the road. The OptoEngineering Truck Mounted LED Light Tower (TMLT) provides a lighting component that illuminates the work area so that flaggers or workers can be seen by the public.

The TMLT has dual power options of 12VDC or 120VAC. It is easily mounted and is fully adjustable for horizontal or vertical aiming. It consists of High Efficiency Osram LED Technology that has High Lumen output of up to 17,700 lumens. Some of the other features of the TMLT is that it has both flood and spot configurations with anti-glare technology and is both shock and vibration resistant.

This project was submitted by and is being tested in two districts with Rick Deckert and Jerry Eggert (RET) from District 8 and Mike Anderson and Tony Werner from Metro Bridge serving as the lead evaluators. It is being evaluated for savings in time and money as well as reductions in both accidents and injuries.

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Upcoming Events

**Fresh Water Society Annual
Road Salt Symposium**
February 8th
Plymouth, MN

**MN Transportation
Conference**
February 27th - March 1st
Mankato, MN

ATSSA How to Conference
March 20-21
 Fargo, ND



Happy New Year
from all of us at the
Office of Maintenance

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

Comments / Questions
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