



# Maintenance Research Bulletin: November 2015

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



## Elephant Armor

Elephant Armor is specially engineered as a patch or overlay product that offers tremendous flexibility and tensile performance as thin as a 1/4". It offers high ductility, allowing the overlay or patch to flex without failure. Elephant Armor is designed to limit catastrophic failure no matter what material it is applied over. Due to its ability to micro-fracture and flex over moving surfaces, Elephant Armor reduces the potential for structural cracking. Crews in District 7 will evaluate this product for how fast it sets up and how fast they get traffic flowing again. They will also monitor this material over a couple of freeze thaw cycles to see how well it performs by staying in place.

**For more information contact:  
Tony DeSantiago 507/304-6233  
TOS 2 D7 Mankato**

## Upcoming Events

First Annual 2016  
National Road Research  
Alliance Conference  
(formerly TERRA)  
St. Paul  
February 18, 2016

Minnesota's  
Transportation  
Conference  
St. Paul  
March 9-10, 2016



**Happy Thanksgiving  
from all of us at the Office  
of Maintenance**

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

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

We all have a stake in

