



# Maintenance Research Bulletin: November 2011

NTREC New Technology Research Equipment Committee  
MOR Maintenance Operations Research



## Motor Grader Wedger

District 6 designed and built a wedger to fit on its motor grader to provide greater flexibility in repairing gravel shoulders. By mounting the wedger on the blade of the motor grader, the blade can slide left and right to do the shouldering work that is typically performed by a shouldering machine. The grader stays on the mainline pavement while the wedger smooths and repairs the shoulder. This unit will also repair damaged bituminous shoulders and perform wedge paving operations. The district will evaluate the ability of the modified motor grader to produce results that compare favorably with those produced by a traditional shouldering machine, and generate time and cost savings by reducing the number of processes required to produce a smooth shoulder.

**For more information contact:  
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## Upcoming Events

58th Annual Asphalt Conference  
"Paving the Way to Tomorrow"  
The DoubleTree by Hilton Hotel, St. Louis Park, MN  
December 7, 2011

61<sup>st</sup> Annual Concrete Conference  
Continuing Education and Conference Center  
St. Paul, MN  
December 8, 2011

Northland Chapter ATSSA "How To" Conference  
Ramada Plaza Suites, Fargo, ND  
March 13-14, 2012

Happy Thanksgiving  
November 24, 2011



*Comments? Questions?*

*Maintenance Research Program  
Manager*

651/366-3545

*Your Destination...Our Priority*

