



Maintenance Research

Bulletin: May 2010

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



Ground Penetrating Radar

GPR is technology utilized to evaluate concrete bridge decks for delaminating concrete and overall deck condition. The software included with this system will provide clear and color coded maps that show the severity of concrete delamination and overall deck condition. This tool will accurately determine the extent of concrete Type 1, 2 and 3 repairs. As a result, the District 6 Bridge Staff will be able to determine when and what type of overlay and deck replacements are needed and to determine the contractual requirements of deck repairs. This process will eliminate the need for chain dragging which is the current manual method used for locating failing concrete.

For more information contact:
Steve Miller, 507/286-7697
District 6, Rochester Bridge

Upcoming Events

Fall Maintenance Expo
October 6-7, 2010
St. Cloud Public Works

Return your implementation spending plan to Ryan Otte by June 14; each district received \$11,630.00 this year.

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

Take Time to remember those who have fallen



Memorial Day May 31,2010

Comments? Questions?

Maintenance Research Engineer

651/366-3545

Your Destination...Our Priority

