



# Maintenance Research Bulletin

NTREC New Technology Research Equipment Committee  
MOR Maintenance Operations Research

July 2008

## Upcoming Events

**Mechanic Workshop**  
St. Cloud Training Center  
August 18-22, 2008

**OMG/Superintendents Meeting**  
St. Cloud Training Center  
September 23-25, 2008

**Fall Maintenance Expo**  
St. Cloud Public Works  
October 1-2, 2008

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**Winter Prep Meetings will begin in September and run through November.**  
Joe Huneke can be reached at 651/366-3586

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## Independence Day



July 4

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*Questions? Comments?*  
Maintenance Research Engineer  
651/366-3545



## Swift Hitch Cameras

The Swift Hitch camera is an innovative approach to help eliminate backing accidents. These cameras are not permanently mounted but are held in place by a magnetic strip. The cameras provide operators with a visual image behind them when backing into a tight space, performing backing maneuvers or hooking up a piece of equipment. Once the backing maneuver is completed, the camera should be stowed in a secure place. The operator uses the hand held wireless monitor, which has a range of 300' to view images behind them. The magnetic camera can be placed outside on the hitch or on the back of the piece of equipment. These cameras have been useful during mud jacking procedures to assist operation in watching for leaks or potential problems. MOR will also equip the Tow Plow, Driving Simulator and the Blending Station with cameras to test their effectiveness.

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