



# Maintenance Research Bulletin: February 2016

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



## Monroe Tailgate Replacement Spreader

The Monroe tailgate replacement spreader completely replaces the original dump body tailgate. The sander typically used on district tow plow trucks cannot raise its dump box high enough to use its entire load of material when pulling a tow plow. Maintenance crews must also remove a sander mounted on a truck to allow the truck to be used for activities other than winter maintenance. Unlike the current sander used on district tow plow trucks, the Monroe tailgate sander provides additional clearance between the sander and the tow plow or other trailer being pulled, avoiding contact with the towed trailer and allowing the operator to lift the hoist all the way up to use an entire load of material. The tailgate sander also eliminates the need for winter maintenance staff to remove the sander when changing trailers for non-snow and ice operations. District 4 plans to evaluate this sander with their new tow plow for its versatility, ease of use and ability to use all the material in the box during snow and ice activities.

**For more information contact:  
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## Upcoming Events

**60<sup>th</sup> Annual Asphalt  
Contractors  
Workshop/Quality  
Initiative Workshop**  
Brooklyn Park  
March 2, 2016

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

**Northland Chapter  
ATSSA  
"How To"**  
Ramada Plaza Suites  
Fargo North Dakota  
March 15-16, 2016

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

**Comments? Questions?  
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We all have a stake in **A  B**

