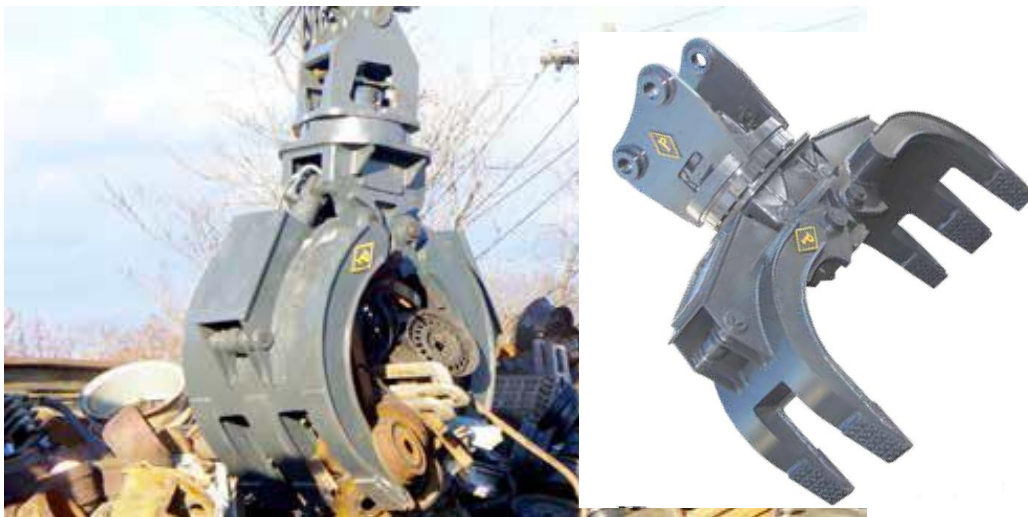




Maintenance Research Bulletin: November 2016

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



Grapple for John Deere Backhoe

The 2016 Pemberton CBG 2/3 Tine Grapple from RDO Equipment was awarded through the NTREC Program to District 6 in the fall of 2016. This grapple is commonly used for demolition, material handling and where precise placement and stability is required. The grapple will assist in culvert placement, loading trucks with recyclable materials, hauling trees and brush from the bottom of ditches, along with additional maintenance operations. Crews in District 6 will evaluate the grapple to current hand operations, hours worked and lane miles cleared. They will also look at prior years of equipment usage and compare it to their usage with the Pemberton CBG Grapple.

**For more information contact:
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District 6**

Upcoming Events

Annual Minnesota
Association of Asphalt
Paving Technologists
(MAAPT)
St. Louis Park
December 7, 2016

66th Annual Concrete
Conference
Brooklyn Center
December 8, 2016



Happy Thanksgiving
from all of us at the Office
of Maintenance

Maintenance Research
website
<http://www.dot.state.mn.us/maintenance/research>
ht
Comments? Questions?
Maintenance Research
Program Administrator
651/366-3585
Mindy Heinkel

We all have a stake in **A  B**

