

# Maintenance Research Bulletin: June 2018

NTREC New Technology Research Equipment Committee  
MOR Maintenance Operations Research

## Burcham Sandbagger



The Burcham High Production Bagger is the only sandbag filling machine on the market today that both fills the sandbag, and sews it shut. The project was submitted by Danny Hoepfer and Mark Pederson from District 2. Operating the Burcham Bagger is as simple as lifting a bag to the spout.

The Burcham Bagger will dispense an exact amount of sand and automatically shut off. Once filled, slide the bag onto the lower conveyor belt. The bag will pass through the mounted sewing head permanently sealing the sandbag. Sandbags filled and sewn closed are rectangular, and substantially easier to stack.

The Burcham Sandbagger will be evaluated by doing a timed comparison of five minutes against other typical or historical means. Cost savings, quality of the bags and the reduction in hand injuries are the anticipated benefits or savings of this project.

**For more information contact:**

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### Upcoming Events

#### **Automated Vehicles Symposium**

San Francisco, CA  
July 9-12, 2018

#### **Work Zone Safety Conference**

Springfield, Virginia  
September 20-22, 2018

#### **MN Research Conference**

Minneapolis, MN  
Nov 1, 2018

#### **APWA-MN Fall Workshop & Conference**

Earle Brown Heritage Center  
Brooklyn Park, MN  
November 14-16, 2018



**Maintenance Research  
Website:**

<http://www.dot.state.mn.us/maintenance/research.html>

Comments / Questions  
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