Maintenance Research Special Bulletin

FALL 2018 NTREC MEETING - PROJECT AWARDS

On September 5th, the fall NTREC Meeting was held in St. Cloud. There were a total of 6 projects approved for NTREC funding by the 21 voting members in attendance. The following is a list of the approved projects and the NTREC amount awarded.

District 1 – Roto-bec Grapple Saw \$48,000.00

An excavator with a grapple and built-in saw that processes trees more safely and efficiently.

District 2 – Erskine Ditch Caddy with 10' and 15' Mowers \$75,063.60

The unit has the ability to stay on level and dry ground while you shift the mower over the problem area. Has a locking mechanism that allows you to back up without the issue of the unit wanting to kick-out to one side or the other.

District 3 – ALLU Screener Bucket \$76,000.00

Loader bucket that can be used year round to break up salt chunks, pulverize bituminous millings to make a usable product and screen black dirt.

District 4 – Distributor w/ Detachable Heated Spray Bar \$54,516.00

Offers continuous radiant heat by the use of heat transfer oil. At no time will the heating elements come in contact with the emulsion to assure safe heating and prevents degradations of the emulsion.

District 7 – Brine - Plus Trailer \$51,750.00

The truck guides pre-wetted salt directly below the trailer tire in one of the wheel paths using a zero velocity sander and special trailer mounted cowling. The trailer will be further enhanced by adding a spray bar to cover 3 lanes for anti-icing/de-icing.

District 7 – Brine Generator \$32,000.00

Eliminates the need for us to shutdown brine production during the middle of an event to do a cleanout. The new generator has a chute which you can place a bucket under to capture all of the sediment during clean-out.

> For more information contact: Mindy Heinkel mindy.heinkel@state.mn.us