

Maintenance Research Bulletin: February 2020

NTREC New Technology Research Equipment Committee
MOR Maintenance Operations Research



Battle Armor Culvert Cleaner

Maintenance deals with a lot of culverts plugged deep inside sometimes under water. Right now the only way they can clean it is high pressure water or try and work cable through and pull debris out other side with some sort of grapple hook. This cleaner mounted on bucket would speed the process up immensely.

The Battle Armor Culvert Cleaner attaches easily to backhoe bucket. Its unique sweeping scoop paddles expand open when pulling debris and rocks from culverts as small as 12" in diameter and over 36" in diameter. Rocks and debris larger than 2' diameter and over 150 lbs. are no match for the Battle Armor Culvert Cleaner. Specifically designed to tackle the most difficult clogs! Especially under low water bridges, concrete or steel culverts, beaver dams and irrigation culverts. Lifting force can even be used to straighten and repair crushed steel culverts

The Battle Armor Culvert Cleaner will be tested for a year throughout the district, comparing it to how we previously have cleaned culverts.

For more information contact:

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D2 Maintenance

Upcoming Events

MN Transportation Conference

St. Paul, MN
March 3-4, 2020

ATSSA Conference

Fargo, ND
March 16-18, 2020

2020 APWA Snow Conference

Cleveland, OH
April 19-22, 2020

Maintenance Research Website:

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

Comments / Questions

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