

# Spring Load Arm Enhancement 2020 Build a Better Mousetrap Winner



## OVERVIEW OF INNOVATION

The Gravel Saver Disc is a tool that clears away debris and vegetation from roadsides to keep them from being a hazard to drivers. The problem with the Gravel Saver Disc is that it would often crack or break from getting hit with rocks or other solid objects and sometimes the vegetation would cause clogging on the machine. LaMoure County, North Dakota created the Spring Load Arm Enhancement as an attachment to the Gravel Saver Disc giving it flexibility that allows rocks and vegetation to flow more freely with less clogging and breaking.

This innovation cost LaMoure County \$300.



*LaMoure County, ND*

## BENEFITS

- Less time (a one hour job is now complete in 40 minutes)
- Less money (increases the life of a Gravel Saver Disc which means less money spent replacing it after it is broken)

## FIND OUT MORE . . .

<https://lamourecountynd.com/>

<https://www.fhwa.dot.gov/clas/babm/>

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