

18"- 40" mill head clean out

Innovation Purpose

On small 18"-40" milled holes that are long distance cleaning the millings out has always been long and slow process.

Innovation Description

The innovation is a used grader blade hooked to a quick attach for a skid loader. It sets on the ground with a quick attachment made clean out from old tires found on the road. It also has a kick over plate welded on the top of the grader blade to help roll out the millings.

Implementation Date

September 2022

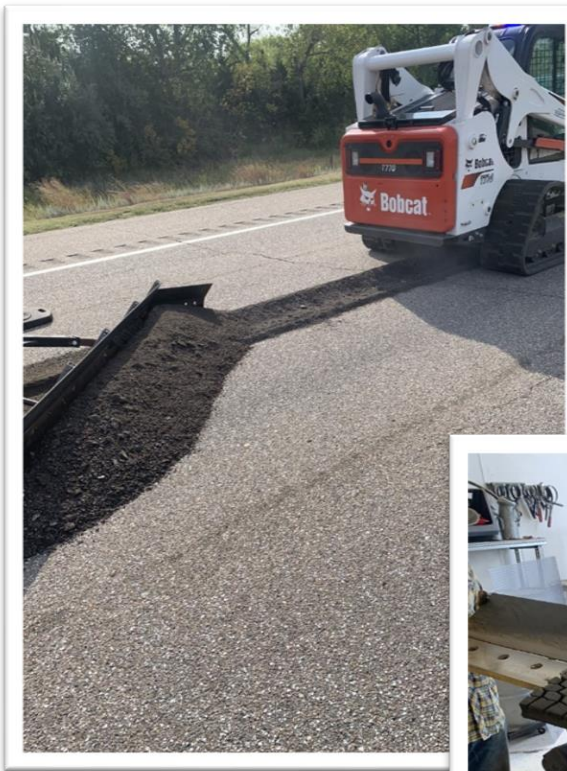
Innovation Highlights

The innovation has little cost to it came in just a little under \$100 and we have about 20-man hours in the build. It has a rod welded to angle iron with used tire found on the road bolted to it for the quick attachment system. Only other cost is the 8feet by 3/16 inch flat welded to top of grader blade. Used old telespar from signs that had been hit to mount flat. 90% of innovation is made with scrap we had on hand in shop. The biggest impact it made for the DEP of ROADS is that on A 18"-40" milled hole is that it cuts the time of cleaning millings out by about 50-60 percent faster and only having to broom holes out once. Before the innovation we had to broom multiple times to get hole clean with employees scraping edge with shovels to get clean in preparation to apply tack oil.

Division/District

District 4





INNOVATION  **CHALLENGE**