



Innovation Showcase

2024 "Outstanding Innovation" Winner

Anderson Rail Clipper (ARC)

Submitted By:

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Description:

The Anderson Rail Clipper (ARC) is an in-house fabricated mini-excavator attachment that is designed to clip high shoulders under guard rails. After seeing a similar design online, this version was fabricated by the Anderson crew to fit their needs. This version is welded to a 1' bucket which allows for quick attachment.

How does this Innovation benefit SCDOT?:

This innovation saves time, manpower, and workers backs by eliminating the need to hand shovel high shoulders beneath guardrails. Material can be pushed or pulled, and this tool can be used with a single lane closure. A 50' section of guard rail can take an hour or two to shovel by hand. With this tool it would only take about 10 to 20 minutes or less. This innovation also keeps workers out of harms way from traffic.

