



Innovation Showcase 2024 “Outstanding Innovation” Winner

Guardrail Debris Cleaner

Submitted By:

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Description:

Clarendon’s guard rail debris cleaner is a design that can be attached to a mini excavator or backhoe to quickly clean debris from between guardrail posts. This helps to remove the built up debris and vegetation which can create drainage issues on the edge of the roadway.

How does this Innovation benefit SCDOT?:

This Innovation cleans debris from under guard rails, allowing water to drain from the roadway more efficiently. This tool can push or pull material beneath the guardrail, and can be used with a single lane closure. This tool can also remain attached to the equipment during transport.

