

# NJDOT Roncovitz Post Pusher and Post Puller



## OVERVIEW OF INNOVATION

The 2018 NJDOT Build a Better a Mousetrap Award was given to NJDOT Crew 333 for the *Roncovitz Post Pusher and Post Puller*. This innovation is a means to put posts in the ground without using a sledge hammer and pounding cap. The approach is a very efficient way to handle the placement of post stubs while reducing the risk of injury to the operations workforce.

In the past, a worker would hold the post while another would swing a sledge hammer to pound a post into the ground. The risk of injury to the worker holding the post is eliminated with the post pusher. The same mechanism can be used to pull the post from the ground.

The device fits all trucks that take a plow push frame and can be assembled in approximately 12 man hours using plow and piston equipment readily available to the DOT.



Source: NJDOT

## BENEFITS

Improves safety for workforce by reducing the risk of injury in the field. Improves productivity and efficiency of operations workforce. Improves safety for motorists through quick means for repairing or replacing traffic signs.

## FIND OUT MORE . . .

- 2018 BABM Award Winner, Video: <https://www.njdottechtransfer.net/share-your-ideas/build-better-mousetrap/>

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