

# NJDOT BABM 2020 Anti-Jackknife Device



## OVERVIEW OF INNOVATION

The 2020 Build A Better Mousetrap Award (BABM) was given for an *Anti-Jackknife Device* to Scott Ainsley and Mark Crago in NJDOT's Operations Training Unit. They developed this early warning device to prevent jackknifes and damage to trucks and trailers during new employee CDL training.

NJDOT had four incidents during new employee training for the Commercial Driving License test which resulted in vehicles and trailers getting damaged from jackknifing the trailer while practicing maneuvers.

Each incident requires 17 man hours to repair at a cost of \$2,100 for parts and labor. Since implementing the anti-jackknife device, NJDOT has had no incidents.

The cost to build the Anti-Jackknife device with parts and labor is \$165.



Source: NJDOT

## BENEFITS

The device increases cost savings by eliminating the need for repairs, and improves efficiency during new employee training.

## FIND OUT MORE . . .

- Build a Better Mousetrap Competition: <https://www.njdottechtransfer.net/share-your-ideas/build-better-mousetrap/>

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- Keywords: 2-Products; Operations; Maintenance; Technology