



Productivity First-Round Winner
Innovations Challenge

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Prepared by Transportation Planning
Missouri Department of Transportation

One Man D-Board Installation



Description

The One Man D-Board Installation is a new process for installing destination boards along the roadway that allows one worker to safely install the D-board. The correct height from the road surface can be established using a laser that's mounted to a MoDOT truck parked on the shoulder. Attaching brackets at the desired height on the sign posts creates a ledge to securely hold the sign in place while a diagonal post is used for support. When in place, the back side of the sign can be bolted tightly to the posts. Once the sign is level and secure, the brackets are removed.

Benefit

The One Man D-Board Installation saves time and money while simplifying the work. The installation assures the worker is safe while installing the sign because the temporary brackets keep the sign in place and secure until bolted on the posts. The only cost is for hardware to secure bracket which is made from recycled teslepar posts.

Materials and Labor

3 hours of staff time with \$2.42 materials for hardware.

For More Information Contact:

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Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>.