

**T & E First-Round Winner**  
Innovations Challenge

**April 2016**  
Prepared by Transportation Planning  
Missouri Department of Transportation

## Pneumatic Drill Guide



### Description

The Pneumatic Drill Guide is a simple tool that allows the operator to accurately and safely drill holes for various operations involving pneumatic drills, such as, mud-jacking, concrete replacement and sign installations.

### Benefit

This innovation improves safety by eliminating the possibility of guiding the drill bit with the inside of your boot. Though metatarsal protection is required for this operation, it is not a safe practice to guide the bit with your boot. Additionally, the guide ensures the hole is drilled exactly where needed since the bit is prevented from “walking” on the operator. If constructed with square tubing, it can provide an added level of foot protection.

### Materials and Labor

Materials: \$20

Labor: 1 hour

### For More Information Contact:

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