# Tool and Equipment First-Round Winner

Innovations Challenge

## **April 2017**

Prepared by Transportation Planning Missouri Department of Transportation

# **Adjustable Stop-Slow Handle**







## **Description**

In 2015, the Southwest District had three flaggers that were hit by the travelling public. The district searched for many solutions to make the flaggers and the message to the travelling public more visible. The adjustable sign handle allows the stop/slow paddle to be raised to heights of 6' or 7' depending upon the conditions our employees are flagging. If taller vehicles such as trucks or farm equipment are first in line, the paddle can be raised to allow the next car approaching better visibility of the sign. It also provides greater flexibility and visibility in curves or hills. Conspicuity tape was added to the handle to also improve overall visibility of the entire assembly.

#### Benefit

The adjusted height of the stop/slow paddle improves work zone safety by allowing the paddle to be seen by drivers that are approaching the flagger and for those drivers who pull behind the first vehicle. The sign was first used in May 2016 and has been exclusively used by the Republic maintenance crew in all flagging operations.

#### **Materials and Labor**

1 hour of staff time with \$42 in materials and no reoccurring costs.

#### 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.

