# Productivity First-Round Winner

Innovations Challenge

# April 2017

Prepared by Transportation Planning Missouri Department of Transportation

# **Multi-Position Safety Camera**



#### Description

There are multiple operations where critical information is located on the outside of a truck where an operator is unable to see. When using the slide-in injection sprayer, an operator needs to see the pressure gauge mounted on the sprayer in the back and also needs to see where they are spraying, and rear view mirrors don't always give the best view. The Multi-Position Safety Camera can be mounted anywhere on the truck using magnets with the view screen located in the cab.

## **Benefit**

The Multi-Position Safety Camera provides many benefits to the department. Through the camera an operator can monitor the pressure gauges to ensure correct usage and be warned if pressures are not in proper ranges. The camera simplifies work by eliminating guesswork when spot and guardrail spraying. It improves safety by allowing the operator to see unforeseen hazards, as well as gauge where the vehicle is in relation to the work they are completing.

# Materials and Labor

1-1/2 hours of staff time with \$130 in materials.

## 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.

