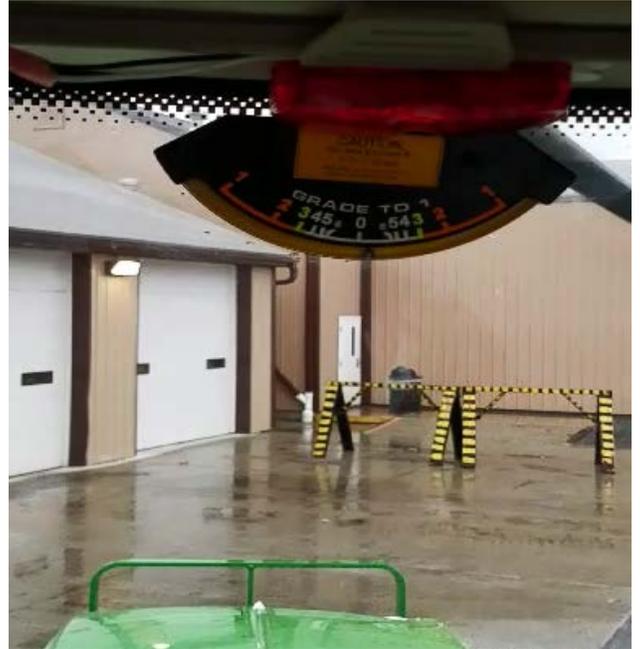


Productivity First-Round Winner
Innovations Challenge

April 2017

Prepared by Transportation Planning
Missouri Department of Transportation

Slope Indicator Light



Description

The Slope Indicator Light innovation addresses the frequent issues with tractor turnovers and the awkward task of watching a manual slope indicator. Slope indicators have long been used to make this determination, but rollovers seem to continue. The Slope Indicator Light is factory preset to 18 degrees (3:1) with two added LED lights that flash when the tractor has encountered a 3:1 slope. The LED lights remain flashing until the tractor is off the 3:1 slope. The illumination of the red LED lights gives the operator an automatic visual aid, regardless of what direction the operator is looking. It also gives the operator a precise measurement of the slope they are on without having to constantly look at the indicator ball while operating the tractor.

Benefit

Mowing right of way poses many risks and hazards to the operator. Policy states that workers cannot mow slopes greater than 3:1 due to the risk of tractor roll overs. The lighted warning indicator draws immediate attention to the fact that the tractor has reached its limit and keeps the operator alert and safe from rollover accidents. The LED light creates an unmistakable illumination in the cab and alleviates the constant need of watching the manual indicator. The operator can more safely focus time on the terrain and maneuvering around obstacles.

Materials and Labor

6 hours of staff time with \$155 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>.