

**Productivity First-Round Winner**  
Innovations Challenge

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

## Guardrail Slope Markers



### Description

Guardrail Slope Markers indicate whether or not it is safe to go behind the guardrail with mower tractors. Green reflectors mean a slope is passable and workers can make it all the way through the area. Red reflectors indicate the slope is too steep or impassable. With the updates to guardrail and having new employees mowing, this is a way to make it safe and so everyone knows which ones can be mowed behind safely or not mowed at all.

### Benefit

By preventing incidents from occurring, the markers save time and money on tow truck bills, wear and tear on equipment and medical bills if someone was injured. Safety is greatly improved as well since the markers warn workers and new, inexperienced employees to stay clear of dangerous slopes.

### Materials and Labor

Materials cost: \$15  
Labor: 16 hours

### 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>.

**NOTE: Green markers should not be used. Install only red markers.**