

First-Round Winner

Innovations Challenge
<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

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Prepared by Customer Relations
Missouri Department of Transportation

Deck Thickness Checker



Description

This device is a round aluminum tube with a spring loaded head which can be adjusted to the appropriate thickness measurement. It is used to check the thickness of a bridge deck when setting the deck paving machine.

Benefit

The use of the device saves time by eliminating the need for the operator to bend over to manually measure deck thickness using a folding rule. The chances of back strain and light headedness by the users are greatly reduced. There is a small one-time cost to make the tool. The Deck Thickness Checker can be used statewide.

Parts and Labor

Total: \$32

Labor: 3 hours

For More Information:

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Additional photos can be seen at the Innovations Challenge homepage: <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.