

First-Round Winner

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

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Prepared by Customer Relations
Missouri Department of Transportation

Inspection Tools



Description

Inspection tools are designed to save time, improve safety and to simplify the work of bridge inspections. These tools consist of a measuring stick with detachable sections that are designed to fit into each other to add length. A thick flat stock stand is used with the stick for specific heights. Additional pieces are steel scrapers for scraping concrete and rust, and rebar attachments, used to measure undermining.

Benefit

The tools were designed to save time and to simplify inspections of bridges in hard to reach areas, eliminating over reaching when conducting inspections. Each piece is designed with specific measurements, so less time is wasted using a tape measure. All attachments are easily threaded off and on. With all materials coming from existing inventory, no new materials were used.

Parts and Labor

Total: \$0
Labor: 4 hours

For More Information:

Contact Jim Hager at james.hager@modot.mo.gov or (573) 291-3790.

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

