

2012-13 District Winner

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

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Prepared by Customer Relations
Missouri Department of Transportation

Centerline Taper



Description

The Centerline Taper is a two-wheel cart to apply reflective tape after placing an asphalt patch.

Benefit

The Centerline Taper allows workers to put down reflective tape quickly and safely without bending over. This eliminates back strains and hand abrasions from placing the tape by hand. The adjustable handles keep the cart at the right height for any worker. The tape also stays in place better than temporary tabs, which often need to be applied multiple times.

Parts and Labor

- | | |
|------------------------------------|-----------------------------------|
| 15 feet – 1”x 1/8” square tubing | |
| 2 feet – 3/4” x 1/8” square tubing | 2 – 1/4” x 1” bolts |
| 2 – 8” wheels with 3/8” holes | 2 – 1/4” nuts |
| 2 – 3/8” x 5” bolts | 2 – 1/4” x 2” bolts |
| 2 – 3/8” flat washers | 2 – 5/8” x 14” steel rod |
| 2 – 3/8” lock washers | 2 – 3/4” x 11-1/2” pipe |
| 2 – 3/8” nuts | 2 – 1-1/4” x 11-1/2” plastic hose |
| 1 – 2” x 14” telespar post | |

Total: \$59

Labor: 2 hours

For More Information

Contact Judy Shrum at (660) 679-1202. Additional photos can be seen by accessing the Innovations Showcase homepage at <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.

