

2009-10 District Winner

Tool and Equipment Challenge Showcase
<http://wwwi/intranet/or/SolutionsAtWork/ToolEquip.htm>

March 2010

Prepared by Organizational Results
Missouri Department of Transportation

CMP Lifting Bracket



Description

Scrap metal was used to fabricate lifting brackets for corrugated metal pipe.

Benefit

The brackets slip on the ends of the corrugated metal pipe to quickly and safely place it in a trench. This eliminates the need to climb into the trench and the time and expense of placing shoring equipment.

Parts and Labor

1 – 8-foot motorgrader blade
15 in. – 2” square steel tubing
28 in. – 3/4” cold roll
2 ft. – grade 70 chain

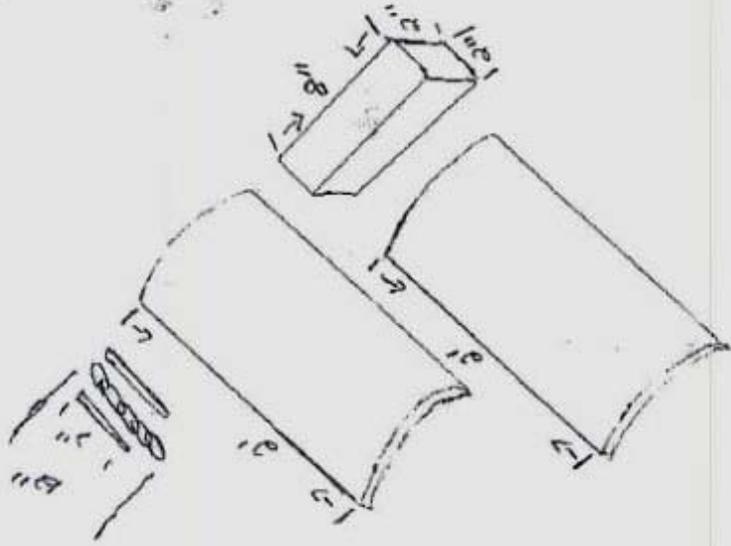
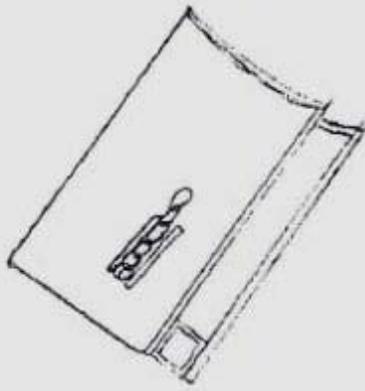
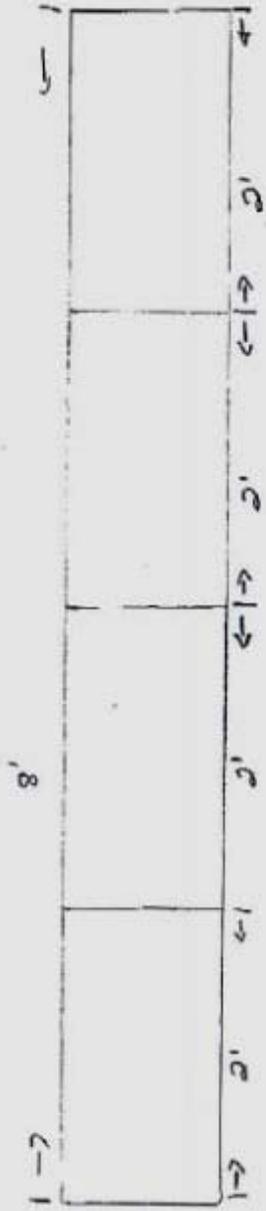
Total \$10 *using scrap metal*

Labor 4 hours

For More Information

Contact Jeff Peters at jeffery.peters@modot.mo.gov or (660) 288-3345. Additional photos can be seen by accessing the Tool and Equipment Challenge homepage at <http://wwwi/intranet/or/SolutionsAtWork/ToolEquip.htm>.

CMP Lifting Bracket



- 1 Motor Grader Blade 8'
- 2 2x2" Tubing 16"
- 3 3/4" Cold Roll 28"
- 4 270 Chain 2'

