

**2012-13 District Winner**

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

**April 2013**

Prepared by Customer Relations  
 Missouri Department of Transportation

## Sign Post Setter Tool



**Description**

This innovation is a tool used with a loader to install a variety of sign posts.

**Benefit**

The Sign Post Setter installs signs quickly while keeping workers safely on the ground. Two designs of the tool work on round, H-beam and I-beam posts.

**Parts and Labor**

Beam Tool

- 1 – 1/2” x 4” bolt with nut
- 1 – 4” of 3/4” pipe
- 2 – 4” x 3-1/2” x 3/4” flat iron
- 3 – 5/8” x 5” bolt with nuts
- 1 – 12” x 3” x 1” flat iron
- 8 inches – 3” x 3” x 1/2” angle iron
- 10 feet – 2-1/2” x 2-1/2” x 3/16” square tube
- 5 feet – Grade 80 3/8” chain with
- 1 – Safety hook

Round Tool

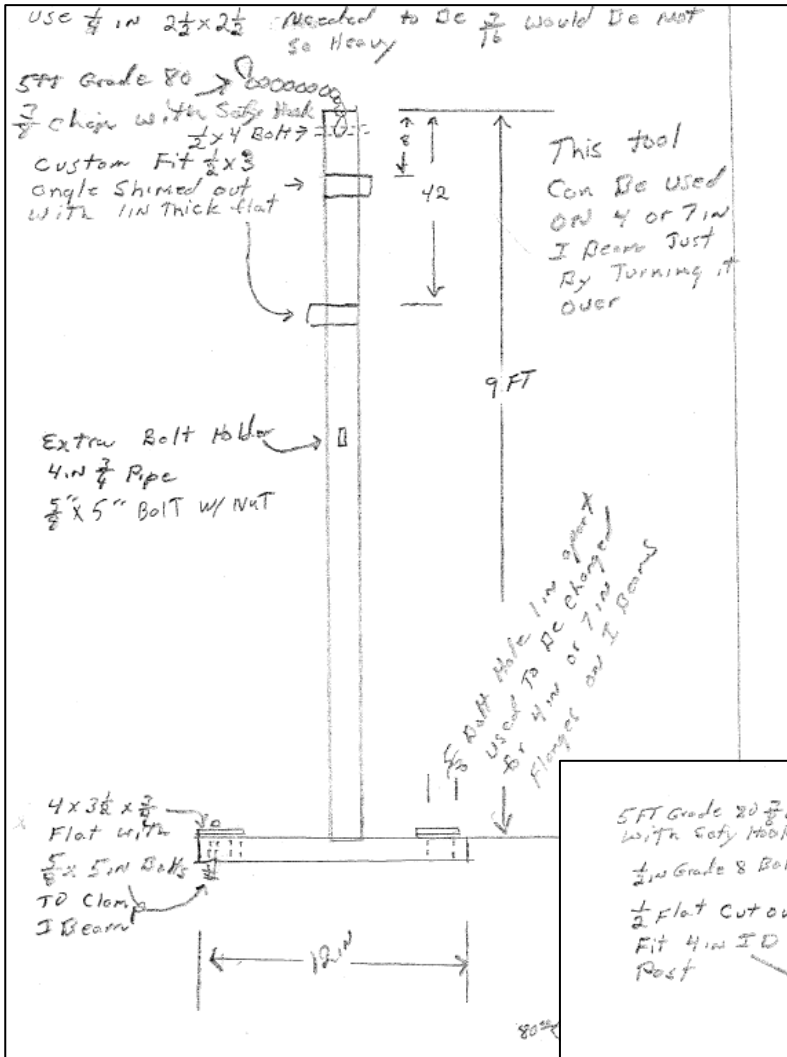
- 8 feet – 2” x 2” x 1/8” square tube
- 8 inches – 1” square tube
- 1 – 18” of 3/4” pipe
- 2 – 5” x 7” x 1/2” flat steel
- 1 – 1/2” x 3-1/2” bolt with nut
- 1 – 2” ratchet binder
- 5 feet – Grade 80 3/8” chain
- 1 – Safety hook

**Total: \$100 - \$110**

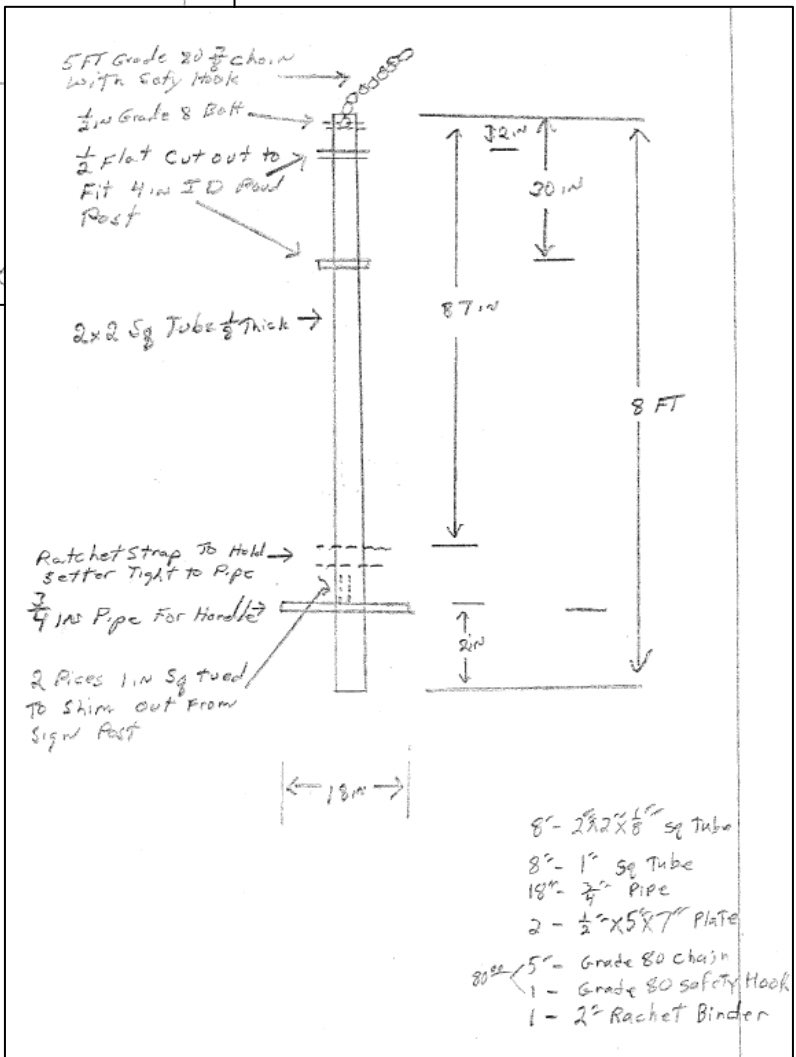
**Labor: 8 hours**

**For More Information**

Contact Mike Ewigman at (660) 258-729. Additional photos can be seen by accessing the Tool and Equipment homepage at <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.



Square Tool



Round Tool