

## 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

## Tab Remover



### Description

This innovation uses an extended pair of pliers to remove temporary pavement markers.

### Benefit

The Tab Remover significantly speeds up the removal of reflective tabs that have been applied to chip seals. Traditionally, crews would remove these tabs through a scraping method using a shovel or bucket, which could damage the pavement. This innovation uses a three-foot long pair of pliers, eliminating the need to bend fully at the waist.

### Parts and Labor

See shop drawing on back.

**Total: \$14**

**Labor: 15 minutes**

### For More Information

Contact Bill Burnett at (816) 858-2731. Additional photos can be seen by accessing the Innovations Showcase homepage at <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>.

## TAB TOOL REMOVER

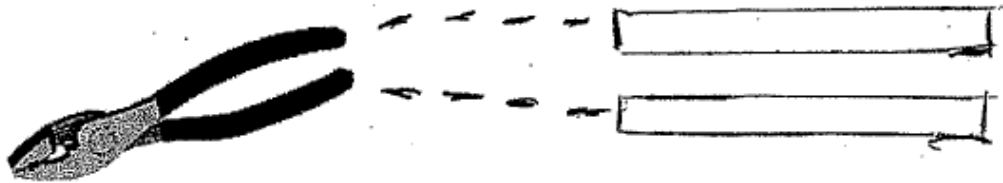
materials needed: slip joint pliers and round tube 1/2-3ft (also can use 1/2 tubing)

Tools required:mig welder,grinder,and metal chop saw

Cost: 1 slip joint plier 2.99

2 1/2 X 3 FT round pipe 10.98 (5.49 ea) (Total: 13.97)

Build Time: 15 mins



1/2 X 3FT ROUND TUBING

SLIP JOINT PLIERS

If pliers come with comfort grip (rubber over handles) this must be removed. grind the handle of the pliers so the fit inside the pipe.

Once the handles are inside the rounded pipe mig weld them secure.

now you cut round pipe to the length that you desire

Grind off all sharp edges

For grips you can use bat handle wrap tape,golf club handles,rubber hose, etc