

T & E First-Round Winner

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

April 2015

Prepared by Transportation Planning
Missouri Department of Transportation

Sign Base Cleaner



Description

The Sign Base Cleaner is a simple receiver hitch base cleaner that hooks up to the back of a sign truck. When removing signs, such as Fresh Oil/Loose Gravel and No Center Line, from the side of the roadway, the Sign Base Cleaner allows the bases to be cleaned out for immediate reuse. This eliminates the need to transport sign bases back to the lot to dry out and clean out before reuse. To insure the base cleaner is in the out position, a locking mechanism was installed for safety.

Benefit

This innovation saves MoDOT money since the same bases are used right after being pulled instead of purchasing more to complete a job. It saves time and simplifies work by not having to return to the lot to get a clean base to do an install.

Parts and Labor

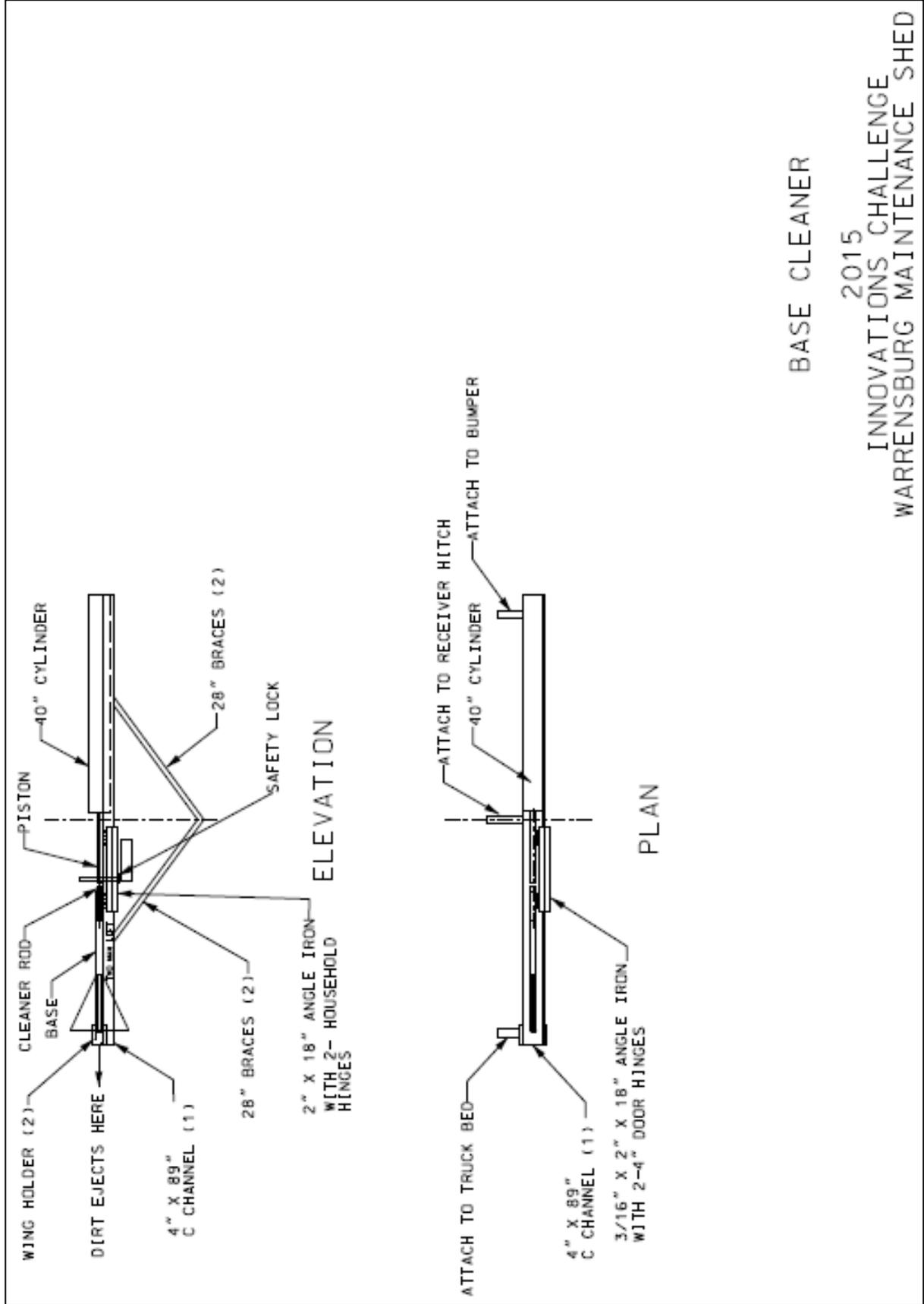
Fabrication requires 18 hours of labor. See plans and parts list on the back of this page.

For More Information Contact:

Dennis Pine at (660) 543-7936.

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

Sign Base Cleaner Plans



BASE CLEANER

2015
 INNOVATIONS CHALLENGE
 WARRENSBURG MAINTENANCE SHED