

## Tool and Equipment

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Prepared by Transportation Planning  
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### Mega Scrub [Video](#)



#### Description

This innovation pushes oil being applied on the road to go into cracks that sometimes are not hit, followed by the application of aggregate on top. The Mega Scrub is a modified scrub broom that doesn't require you to use a loader or several people to lift on it to move it. The wheels on the trailer will lift out of the way when the broom is in use. The broom can also extend out to the width you need without having to add an extension, lift or handle an extension that lifts and down like the traditional wood brooms that are normally used. The extensions slide in and out, and the broom attaches to the distributor with a hitch instead of chains.

#### Benefit

This innovation simplifies work with the hitch being able to hook to the distributor without having to rely on just chains or cables like in the past. Safety is improved with the trailer not needing to be unhooked, just put the wheels down and head to the next route. By not having to unhook the broom, get it attached to a loader bucket and then having to lift on it, potential injuries such as back strains are avoided.

#### Materials and Labor

The total cost of materials was \$2,180 with the reoccurring cost of \$432 to replace broom heads. To assemble the Mega Scrub takes approximately 30 hours of labor.

#### For More Information Contact

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Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx>