

InnovationsChallenge

Entry Form

Have you or your work group found a way to get work done better, faster and cheaper? Why not let everyone share in the success? Fill out the form below. Your innovation may even qualify for an award and be used throughout the state.

1) **Describe your innovation.** *(Attach photos, videos, presentations, flowcharts and shop drawings.)*

Adapter was fabricated so the large excavator could use an approximately 12 year old surplus side arm mower head, to cut brush further away from the roadway surface edge and prune tree limbs at a much greater height. Conventional sidearm mower has 11' reach this unit is 22'.

This efficiency has increased the ability to maintain a greater scope of vegetation along roadsides and storm water ponds. Through the use of the tool there is a lessoned need for a man lift there fore reducing employee exposure to falling tree debris for similar operations

2) **How does WSDOT benefit from your innovation?** *(Check all that apply.)*

- Saves money Saves time Other _____
 Simplifies work Improves safety

Describe how:

Used an existing older mower head to improve the way roadside brush and trees are maintained.

Multiple operations can be accomplished at once, as a result of a five minute change to swap from the excavator mower head to the digging bucket.

Less equipment needed on the same job site.

Less employee exposure while performing roadside vegetation control and ditching operations.

3) When was your innovation implemented? Fall 2017

4) How much does your innovation cost? *(Please attach a complete materials list.)*

Total labor hours: 2 Total material costs: \$6000.00 Reoccurring costs (if any): Zero

5) Contact Name: Tim Diggie Telephone: 360 480-3192

Region/Division: Olympic Area 2 Email: DiggieT@WSDOT.WA.GOV

Please send your completed form and any attachments to your region challenge coordinator. Check the Innovations Challenge internet page for more information.

*Thanks for helping make WSDOT a world-class organization!
Washington State Department of Transportation*





