

T & E First-Round Winner
 Innovations Challenge

April 2016
 Prepared by Transportation Planning
 Missouri Department of Transportation

Edge Rut Blade



Description

The Edge Rut Blade is designed to fill edge ruts by grading material to the edge, filling in the rut, then feathering out the excess material. This allows a one-pass operation to maintain the material within an 8' area and keeps material off the driving surface.

Benefit

The blade has proven to be a useful tool in saving time and money by making a one-pass operation and reclaiming material. Safety is increased since equipment and materials stay off the roadway.

Materials and Labor

Materials	Cost
28 feet of 6" Channel	\$190
18 feet of 5" Angle	\$198
8 feet of 4" Square Tube	\$50
14 feet of 2" Square Tube	\$40
6 feet of 6x3/4 Flat	\$78
2 - 4 foot Carbide Blades	
4 - 3 foot Carbide Blades	
	\$556

Labor: Less than 40 hours

For More Information Contact:

David Powell at david.powell@modot.mo.gov or (573) 629-5825.

Additional photos can be seen by accessing the Innovations Challenge SharePoint page at: <http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>.

