

Productivity First-Round Winner

Innovations Challenge

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

April 2015

Prepared by Transportation Planning
Missouri Department of Transportation

Multi-Use Snow Removal Truck



Description

This unit can be a distributor truck during the warm months and a snow plow truck for winter operations. Beds detach using jacks and quick couplers putting to work a distributor that normally sits idle all winter in the building. The units can be purchased from two different companies or built in-house by modifying existing fleet trucks.

Benefit

Normally during the winter months, the distributor trucks sit idle in the maintenance buildings getting no utilization. Trucks can be easily converted to plow snow giving the district additional resources during winter months. Eventually, as these distributor trucks are replaced, they can be made multi-use saving the cost of a chassis which is about \$75,000.

Materials and Labor

Materials costs of \$3,000 and 200 hours of labor.

For More Information Contact:

Paul Keena at paul.keena@modot.mo.gov or (573) 380-3008.

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