

Tool and Equipment April 2026

Automated Advanced Warning Sign



Description and Benefit

The Automated Advanced Warning Sign Innovation is a vehicle-mounted system designed for advanced warning vehicles in multilane operations. It allows remote deployment and stowing of static signs directly from the driver's seat, eliminating the need for workers to exit the vehicle and reducing roadside exposure. Compatible with multiple vehicle types via a receiver hitch and RV power plug, the sign features adjustable height and simple push-button controls for effortless operation. By enabling deployment without stopping, this solution saves time, simplifies workflows, and improves safety by ensuring signs are only displayed when needed and stowed during transit. The innovation minimizes traffic disruption, enhances efficiency, and significantly reduces "boots on the ground" risk.

For More Information Contact

Northeast District / Maintenance

Shawn Biegel at Shawn.Biegel@modot.mo.gov or 573-629-9628.

Northeast District / Maintenance

Andrew Huntsman at Andrew.Huntsman@modot.mo.gov or 573-822-7680.

Materials List

30 ft. 1" x 11-gauge square tubing \$48

2 ft. 2"x 11-gauge square tubing \$5.58

24" of 2" scrap telspar

18" 1 7/8" scrap telspar

2 Limit switches- \$18.80

1 waterproof electrical jct box- \$18.99

1 Qwork wireless winch remote control kit 12v-\$26.96

1 12v 12 inch actuator- \$326.19 if purchasing we had a used one laying on shelf.

