



## Tool and Equipment

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Prepared by Transportation Planning  
Missouri Department of Transportation

## Strike Team Spraying Enhancements



### Description and Benefit

The Strike Team Spraying Enhancements involve several different modifications all rolled into one. We modified several aspects of the Strike Team UTV itself to help make it safer and more efficient for our operators. First of all, we added support brackets below the injector mounting brackets to firm up the mounting of the injectors. This prevents vibration damage to the sprayer tank and the injectors themselves. Next, we added a rear facing backup camera with a center-mounted display in the cab and a custom fabricated bracket. This carries the camera just below the roof line for added rear visibility. We also modified the hose reel at the rear of the sprayer to face to the right side of the machine instead of to the back for ease of use. Finally, we modified the 2.5-gallon triple-injection tank holder to eliminate the problematic rubber strap holders and alleviate problems with injector tank valve vibration over rough terrain.

### For More Information Contact

Northeast District - Maintenance

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Northeast District – Maintenance

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AMTIFO RV Backup Camera	2 units	\$139.99/ unit
1x2x11 gauge rectangular tubing	11 feet	\$31.35
2x2x1/8" square tubing	40 feet	\$122.40
2x2x1/8 Angle iron	80 feet	\$160.00
1/4x2" Flat Steel	60 feet	\$111.00
<u>2 inch hinges</u>	2 units	\$20.00
3/4" round steel	6 feet	\$31.80
3/4"x9 Flat expanded metal	32 feet	\$126.40
1/2"x6 Flat	2 feet	\$15.54
Eye Wash Station	1 unit	\$11.10
Spring Latch Assembly	8 unit	\$71.15
3/4" Ball Valve Kits	3 units	\$89.97
3/4" Threaded Ball Valve	1 unit	\$75.99
Reducer Adapters	2 units	\$199.34
Paint and Primer		\$119.47
Pipe Fittings		\$553.51
2x2x3/16" Square Tubing	24 feet	\$183.12
2x2x1/4" Angle	40 feet	\$98.00
Split spacer washers	12 units	\$36.03
3/4" Black Pipe	6 feet	\$7.80
3/8"x 4" Flat Steel	20 feet	\$126.00
3/8"x2" Flat Steel	20 Feet	\$70.00
3/4"x 4" flat Steel	20 feet	\$128.00
3/4" x 1-1/2" Flat Steel	20 Feet	\$20.00
1x1x11 Gauge square tubing	24 feet	\$30.00
1x2x11 Gauge rectangular tubing	24 feet	\$72.00
4'x8'x11 gauge sheet metal	32 units	\$226.56
3" channel	20 feet	\$175.60