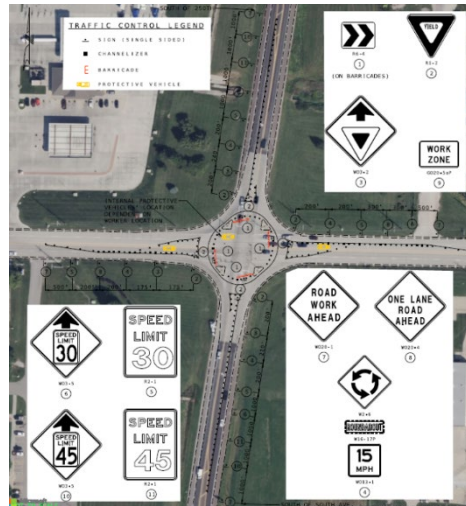


## Projects

**April 2025**

Prepared by Transportation Planning  
Missouri Department of Transportation

## World Famous Temporary Roundabout



### Description and Benefit

Signal crews in the Northwest District needed to replace video detection, along with other work at a high-speed signal location in Maryville, Missouri. The typical plan requires multiple lane closures over several days. Instead, the team devised an innovative solution to install a temporary roundabout allowing traffic to proceed through the intersection while necessary work is taking place inside the closure. The signal work was completed in one day without any incidents. The temporary roundabout reduced risks and exposure to traffic while the work was performed, and it improved safety conditions. Traffic personnel worked with maintenance, design and communications personnel as well as local and state law enforcement to ensure the plan was feasible and communicated to the public.

## For More Information Contact











## Northwest District – Design

Timothy Miner at [Timothy.Miner@modot.mo.gov](mailto:Timothy.Miner@modot.mo.gov) or 816-387-2455.

## Northwest District – Construction and Materials

Jose Rodriguez at [Jose.Rodriguez@modot.mo.gov](mailto:Jose.Rodriguez@modot.mo.gov) or 816-387-2428.

**Temporary Roundabout Traffic Control Signs Estimate**

Sign No.		Sign		Qty	Unit Price	Total Cost	Notes
		Layout	Size and Color				
1		R6-4	30"x24" Rectangle Black on White	4	\$22.20	\$88.80	Flat sheet ordered through Sign Shop (Installed on Type III barricades)
2		R1-2	48" Triangle Red on White	8	\$150.25	\$1,202.00	Roll up sign
3		WO3-2	48" Diamond Black on Fl Orange w/ Black on White Symbol	4	\$160.00	\$640.00	Roll up sign
4		WO2-6, WO16- 17P, WO13-1P	48" Diamond Black on Fl Orange	4	\$161.31	\$645.23	Flat sheet ordered through Sign Shop (Installed on channel posts)
5		R2-1(WZ) 30MPH	36"x72" Rectangle (36" x 24" Black on Orange & 36" x 48" Black on White)	4	\$220.00	\$880.00	Roll up sign
6		WO3-5 30MPH	48" Diamond Black on Fl Orange w/ Black on White Symbol	3	\$110.00	\$330.00	Roll up sign
7		WO20-1	48" Diamond Black on Fl Orange	4	\$125.00	\$500.00	Roll up sign
8		WO20-4	48" Diamond Black on Fl Orange	2	\$92.50	\$185.00	Roll up sign
10		WO3-5 45MPH	48" Diamond Black on Fl Orange w/ Black on White Symbol	2	\$110.00	\$220.00	Roll up sign
11		R2-1(WZ) 45MPH	36"x72" Rectangle (36" x 24" Black on Orange & 36" x 48" Black on White)	2	\$220.00	\$440.00	Roll up sign
<b>TOTAL COST:</b>						<b>\$5,131.03</b>	