

## First-Round Winner

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

April 2014

Prepared by Customer Relations  
Missouri Department of Transportation

## GPS Pavement Markings



### Description

Prior to contractor overlays or construction projects, the survey office used GPS equipment with MoDOT's VRS system to locate pavement markings in the project area. The start and end of the lane lines are located using a code to identify each type of pavement marking, double yellow, stop bars, turn arrows, etc. This ensures precise locations of the markings. When overlay or construction is complete, crews can easily identify the prior markings and replace the new ones quickly and accurately. This process takes the guess work out of replacing the markings.

### Benefit

With fewer workers needed to do the markings, the GPS pavement process saves time and reduces the equipment needed for traffic control. Future work on markings is simplified since positions of markings are on file and can be re-marked quickly at any time, even years later. The GPS pavement marking process increases employee safety because fewer workers are on the roadway conducting traffic control.

### For More Information:

Contact Jon Brewer at [jon.brewer@modot.mo.gov](mailto:jon.brewer@modot.mo.gov) or (573) 248-2462.

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