Projects First-Round Winner

Innovations Challenge

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Prepared by Transportation Planning Missouri Department of Transportation

LED Enhanced Wet Paint Sign



Description

Every year when striping, districts may receive multiple claims from customers needing vehicles cleaned due to MoDOT's striping operations. When motorists travel across the wet paint, not only is it possible to get paint on the vehicle, but it also ruins the freshly painted stripe. The typical warning sign on striper trucks has a black down arrow to warn motorists of wet paint. The LED Enhanced Wet Paint Sign replaces the black arrow with bright LED lights. The sign is attached to a turning indicator, which provides a much more visible indication of wet paint to motorists. Since June of 2016, this innovation has been used in day and night operations.

Benefit

Bringing more awareness to drivers to avoid the wet paint saves the department money by reducing customer claims for vehicle cleanings. The cost to make two signs is less than paying for just one vehicle cleaning. Providing a more visible indicator on the sign also improves driver safety by making them aware of the striping roadwork.

Materials and Labor

4 hours of staff time with \$100 in new materials and \$35 reoccurring costs.

For More Information Contact:

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Additional photos or videos can be seen by accessing the Innovations Challenge SharePoint page at: http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx.

