

2012-13 District Winner

PrOMo Challenge

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

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Prepared by Customer Relations
Missouri Department of Transportation

RED Signal Ahead LED Panel



Description

Our RED Signal Ahead advance warning sign assembly utilizes a sealed LED panel mounted directly to a modified 48" Signal Ahead sign. When activated by the traffic signal controller, the LED panel displays RED providing drivers with clear, advance warning of traffic signal status.

Benefits

Efficiency: The sealed panel can be quickly installed by one electrician as opposed to the large-boxed LED blank-out signs used previously.

Cost: The LED panels are available at around \$320 each, a stark contrast to the \$3,200 paid for the traditional LED blank-out signs.

Quality: The sealed nature of the panel has solved the corrosion related failures fought in the past.

Organizational Impact: The quick installation time, low maintenance cost and initial cost savings in purchase price are all positive impacts statewide.

Safety: The LED's provide drivers with a bright, clear message. When the reflective sheeting begins to fade, the sign can be easily changed.

Environmental: The lighter total assembly, with fewer parts, has reduced the mounting requirements which reduce the amount of materials used in the complete assembly.

Team Members

Joe Dotson
Eric Bowers
Billy Adams
Patrick Turner
Justin Owens
Jeff Phipps
Charles Armstrong
Ken Black
Floyd Cook
Gilbert Valdez
Garry Brammer
Shannon Johnson
Michael Marion
Mike DeMann

For More Information

Contact: Joe Dotson at (417) 829-8029

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