



Projects First-Round Winner Innovations Challenge

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TMS Data Zone



Description

The Transportation Management System was developed 19 years ago to house highway system data, and MoDOT has now become known as a national leader for the enterprise database model. Until recently, MoDOT divisions as well as external partners have had limited use of the database and relied on power-users to turn the data into useful information for decision-making. Because users needed the ability to use the tool to its full capacity, TMS Data Zone was created so all users are able to make better decisions to improve safety, while saving time and money. TMS Data Zone is an easy-to-use, map driven, web-based tool that provides interactive mapping, detailed tables and visual diagrams. The tools provide internal and external users with quick and accurate data that can be customized to specific business areas to make precise business solutions. The Data Zone currently provides analysis tools emphasizing traffic and pavement but the next tool to be released is a Crash Map with many exciting features.

Benefit

The creation of the TMS Data Zone allows MoDOT to access transportation information easily and quickly, saving time and money by allowing all customers to access information with little or no training. In addition, it enables MoDOT to collaborate with external partners to achieve common goals. Most importantly, better decisions can be made that in turn save lives.

Materials and Labor

160 hours of staff time with no material 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>.