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## **E-TRIMS Spatially Enabling the Tennessee Department of Transportation (TDOT) Enterprise for Decision Support**

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TDOT has a rich history of technology deployment with regards to managing critical infrastructure facilities. This has been demonstrated through the traditional usage of the Tennessee Roadway Information Management System (TRIMS). While TRIMS provides tremendous benefit to TDOT in its ability to perform complex data maintenance capabilities as well as roadway analytics, the cost of deploying and maintaining a large-scale client/server based application is a challenge. Based on these considerations, TDOT elected to create E-TRIMS - a new web-based application to provide the analysis capabilities in a modernized format. E-TRIMS provides a customizable map interface with "Road Finder" query capabilities allowing output on the map or as a tabular report as well as thematic maps and charts. In addition, E-TRIMS allows users to perform any number of queries and map settings with the capability to save the session for future use or access by other DOT users. This presentation will address the goals, objectives, challenges and benefits of E-TRIMS to TDOT.