

## 1.1.2 Upgrading the Tennessee DOT TRIMS Application to a New GIS Platform

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The Tennessee DOT is updating its Tennessee Roadway Information Management System (TRIMS). This paper will explore the process used to help T-DOT meet its goals of consolidating its software platforms used for all spatial operations, leveraging the existing Oracle Spatial database, reduction or elimination of customized third party programs and subroutines, streamlining of the data editing and output processes to improve efficiency, and creation of an “open ended” system that will allow for cost effective enhancements and upgrades as required.

The project was accomplished in four functional phases including: existing conditions survey; peer review to identify “Best Practices”; development of a Cost Benefit Analysis (CBA); and development of a detailed plan outlining the steps necessary to select a new GIS platform for T-DOT GIS deployment.