

### 3.4.3

#### Geo-enabling MN/DOT's Real Estate Management System

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The Minnesota Department of Transportation's (MN/DOT) Office of Land Management (OLM) has developed and deployed the Rights-of-Way Electronic Acquisition and Land Management System (REALMS) as an authoritative, transactional database for transportation land records management. While REALMS provides robust RDBMS and reporting capabilities, it lacked an ability to view maps of rights-of-way and other MN/DOT owned lands. Applied Geographics, Inc. (AppGeo) was contracted to work with MN/DOT to geo-enable" the REALMS system by adding a web-based mapping capability. In essence geo-enabling REALMS involves adding a "Map It" button to various screens in the existing database system. The web-based mapping capability is being delivered by AppGeo's configurable General Purpose Viewer (GPV) solution. The GPV provides a common map viewing interface that has been configured for the 20 REALMS use cases identified by MN/DOT. The configurability of the GPV will also provide MN/DOT the opportunity and ability to geo-enable additional business systems that currently lack mapping following the conclusion of the REALMS project. This presentation will describe the REALMS system the business case for adding mapping the geo-enabling process and the configuration process for the generic mapping interface provided by the GPV."