

1.3.2 West Virginia DOT's Web Portal and Straight-Line Diagram Solution

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The West Virginia Department of Transportation (WVDOT) in conjunction with GeoDecisions has recently completed Phase 2 of its GIS-enabled Web portal/straight-line diagram (SLD) application. The Phase 2 work included upgrading of the GIS Web portal interface to ArcGIS Server 9.3.1 format, incorporation of Web services for map layers and data from external sources and the addition of increased functionality to the straight-line diagram interface. The project also built upon WVDOT's continuing efforts to upgrade its geospatial databases, location referencing system, and GIS tools. The Web portal will function as a point for the integration of additional analysis and viewing applications and functionality including: Road inventory log, video logs, HPMS, and agency project monitoring. The presentation is planned to include a live demo of the Web portal-SLD application.