3.3.2   West Virginia DOT's Dashboard - Transportation Data in a Dash

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WVDOT and Transcend Spatial Solutions are working together to develop a multi-faceted transportation dashboard. The dashboard address three different aspects of data accessibility - an executive interface that displays performance driven results that pertain to the agency as a whole and process driven results that address WVDOT's stewardship program, a FactBook interface that displays statistical and organizational information that is currently published every other year in hard copy by the agency, and a business interface that is a geospatial portal. The portal will have a number of categories such as pavement, bridges, crashes, railroad crossing and capital program. Each category will contain themes such as functional classification, IRI, bridge structural adequacy, or current programmed projects. For each theme, an intelligent and fully-functional map will be displayed that is linked to business intelligence and filtering widgets. Together these aspects will greatly enhance WVDOT's and the public's access to a wide variety of transportation business data.

This presentation will describe the problems that the agency is addressing with the initiative and the goals and objectives of the project. It will also include a demonstration of each of the aspects of the dashboard.

Bio(s):
Connie Gurchiek is the President of Trancend Spatial Solutions. In this role, her responsibilities include business development, project oversight, providing functional knowledge to ongoing strategic planning and application development projects.

Lawrence Douglas is the Supervisor of the Highway Data Service Unit, responsible for processing roadway additions, changes or abandonment requests from the Districts, and the update and maintenance of the Roadway Inventory File. He is also the program manager of the West Virginia Continuously Operating Reference Stations (CORS), a network of Continuously Operating Reference Stations (CORS) that provide Global Navigation Satellite System (GNSS) or more commonly known as GPS.