

6.2.2

South Carolina DOT (SCDOT) Initiates Innovative Project to Capture Local County Road Data

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SCDOT is working on a project to work with all South Carolina counties to more accurately capture local County road networks and their continued updates . Currently, local data is collected on an ad-hoc basis and may be provided as paper maps, notes, or GIS data. Most of the South Carolina counties have some degree of GIS and can provide CAD files and/or GIS files, which can be imported into SCDOT's Roadway Information Management System called RIMS. Despite state level initiatives to develop GIS standards, it is expected that each county maintains and structures their data in their own way. This creates a need for conflation efforts to correct attributes and/or geometry to work in the SCDOT systems. The overall result will be more accurate recording of roadway mileage. SCDOT currently has approximately 60,000 miles of roadway in the master database. It is estimated that as much as another 10% of miles may not be accurately accounted for.

The accurate recording of mileage benefits the participants by potential increases in funding. SCDOT will in turn have the most accurate information statewide. As part of this effort, SCDOT has agreed to maintain address information collected/created by the counties in the statewide GIS data as part of ongoing collaboration with the State GIS coordinator. This will result in a statewide routable road network.

This presentation will highlight the project and the best practices developed to be shared with all attendees.