

5.2.2 Louisiana DOTD's Maintenance and Management of a Public Roadway Feature

Presenter

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In August 2010, the Louisiana Department of Transportation and Development began incorporating a statewide geographic roadway feature in the current mapping products. This feature was developed from several sources including sub-meter accurate GPS data, local GIS data, and TIGER Roads released in 2007. The task to maintain this feature is the responsibility of the cartographic mapping unit. The maintenance of the state system began immediately using data collection and management systems already in place. The process to maintain the local roadway systems will require the assistance of the local government agencies so that they might assist in maintaining their roadway systems. We are beginning to use the GeoPDF by TerraGo Technologies. Using the free Adobe Reader program with the free download TerraGo Toolbar, anyone can download, install and begin using the tool to redline the pdf providing on-the-ground intelligence and corrections. These comments can be exported and then imported into ArcGIS for use in making modifications to the GIS features. The goal is to maintain and distribute a GIS public road feature to all federal, state, and local agencies, as well as public entities. The plans of the cartographic mapping unit is to develop mapping tools and traditional printed maps displaying details of various data and to have many users across the Department managing and editing various databases using ArcGIS.