

4.4.2

Title Management of Local Roadway Network in East Baton Rouge Parish, Louisiana

Presenter

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The City of Baton Rouge-Parish of East Baton Rouge Planning Commission (CPPC) is responsible for management of street centerline data for the Parish. Data accuracy of the local roadway network is crucial to the function of City-Parish departments such as public works, public safety, and EMS. In 2011-12, the CPPC embarked on a project to rationalize the storage and use of street network data. Our city GIS analysts implemented a Linear Referencing System (LRS) which is used to accurately store roadway datasets, including speed limits, right-of-way widths, and pavement types. Extensive work was performed to the centerline data in preparation for linear referencing, including the assignment of unique IDs for private streets and addition of new attribute data fields to be used by the LRS. The finished product provides a powerful tool to effect accurate and efficient management of street data that meets the requirements of all City-Parish end users.

Bio(s):

Warren Kron works in city planning and is the GIS Manager for the City of Baton Rouge/East Baton Rouge Planning Commission. He earned his degree from Louisiana State University and has 20+ years managing enterprise geospatial systems.

Bruce has been with Intergraph for 28 years. He is currently serving as a Senior Transportation consultant in the Government and Transportation Business Unit. Among his responsibilities are business development and consulting.