

Louisiana Geographic Information Systems Council

Digital Data Committee

Meeting of August 15, 2019

1. Call to Order

Committee Chair Warren Kron (LMA) called the meeting to order at 12:03 PM. A quorum was present. The meeting was held in the Iowa Room (1-153) of the Claiborne Building in Baton Rouge, Louisiana.

2. Attendance

Committee Members Present:

Chris Ard – City of New Orleans (NOLA)
Kathrine Cargo – Louisiana Chapter Emergency Numbering Association (NENA)
Collin DeGueurce – Louisiana Police Jury Association (PJA)
Warren Kron – Louisiana Municipal Association (LMA)
Darryl Mack – Department of Transportation and Development (DOTD)
Josh Manning – Louisiana Association of Planning and Development Districts (PDD)

Others Present:

Phillip Breaux – Acadiana Planning Commission (APC)
Jason Carr – Department of Transportation and Development (DOTD)
Lynn Dupont – Louisiana Association of Planning and Development Districts (PDD)
David Gisclair – Louisiana Senate (Senate)

3. Meeting Summary

Committee Chair Warren Kron (LMA) asked committee members to review the minutes from the July 18, 2019 meeting. With a motion by Collin DeGueurce (PJA) and seconded by Kathrine Cargo (NENA), the committee unanimously approved the July meeting minutes without changes.

Mr. Kron (LMA) initiated a discussion about loading East Baton Rouge Parish's local data into the Louisiana Roadways schema. He described a database view that was created to take the place of a modeled extract, transform, and load (ETL) process. Darryl Mack (DOTD) and Jason Carr (DOTD) asked whether there were differences between the local data geometry and that of the DOTD Roads and Highways to which Mr. Kron (LMA) noted that at this time only the attribute data had been validated. Mr. Carr (DOTD) asked Mr. Kron (LMA) to assure the local road geometry snapped to the state roads unless the Roads and Highways geometry was inaccurate.

Mr. DeGueurce (PJA) stated that he used a spatial join to add Terrebonne Parish local road attribute data to the DOTD Roads and Highways geometry. Basically, Mr. DeGueurce's methodology is the direct opposite of Mr. Kron's, but both approaches lead to the desired results. David Gisclair (Senate) added a comment that this entire process can be regarded as assuring data quality, in both the source and target datasets.

Ms. Cargo (NENA) commented on the status of the NENA global identifier. While the logic behind the identifier has not been completely determined, it is intended to remain unique and persistent once a NENA Global ID is assigned to a road segment.

Chris Ard (NOLA) initiated a discussion about honorary street names. He stated the City has approved one such honorary name and is currently reviewing two others. These type of names have become a

best practice in several large US cities. This led into how the US Postal Service and Amazon deliver mail and packages to addresses that utilize an honorary street name. Mr. Ard (NOLA) and Ms. Cargo (NENA) also added that the honorary names are stored as aliases in the City of New Orleans 911 street data to assure 911 dispatchers can locate a caller. Committee members noted that the LA Roadways minimum schema provides for street aliases in the “FullName1” and “FullName2” fields.

Mr. Phillip Breaux (APC) discussed his progress to date stating he is still working with the Vermillion Parish street data. Missing road segments are still being discovered in the DOTD Roads and Highways dataset, as well as other geometry issues. Mr. Breaux (APC) commented that all other Acadiana parishes with the exception of Lafayette Parish will accept the Roads and Highways data and begin maintaining it moving forward.

Mr. DeGueurce (PJA) reminded those stakeholders working with the LA Roadways data to document all issues that are discovered, and Mr. Gisclair (Senate) referred to this documentation as an “errors checklist.” Mr. Gisclair (Senate) also stressed the importance of developing the guidance document for including a layer in the Louisiana Spatial Data Infrastructure (LSDI).

A discussion ensued between Mr. Mack (DOTD), Mr. Carr (DOTD), and Ms. Lynn Dupont (PDD) about the Census Bureau adopting the DOTD Roads and Highways dataset once it is thoroughly vetted. Mr. Kron (LMA) asked a question about the DOTD Fugro Data Viewer web application, to which Messrs. Mack and Carr (DOTD) dismissed because the application is not very useful due to performance issues.

Chair Kron (LMA) asked the committee about shifting their focus from roads to address points. Mr. DeGueurce (PJA) and Mr. Kron (LMA) shared their experience with providing USDOT their local address data. Committee members generally agreed that discussions about the minimum address schema should begin in September.

Mr. Mack (DOTD) provided an update about the conflation process between the original Roads and Highways data and the Fugro data. There were approximately 28,000 anomalies discovered in the process and DOTD is currently working through each issue with their consultants.

4. Action Items

Mr. Kron (LMA), Mr. DeGueurce (PJA), Ms. Cargo (NENA), and Mr. Gisclair (Senate) will reconvene work on the LSDI Data Designation Template and provide their updates at the next meeting.

Using the USDOT address schema, Chair Kron (LMA) will prepare a spreadsheet to initiate discussions about the minimum requirements for a statewide address point layer.

5. Next Meeting

Scheduled for Noon on Thursday, September 19, 2019 at the Claiborne State Office Building, Room 1-153 (Iowa) in Baton Rouge, Louisiana.

6. Adjourn

The meeting ended at 12:58 PM after the committee voted unanimously on a motion made by Mr. Gisclair (Senate) and seconded by Mr. Josh Manning (PDD).