

Louisiana Geographic Information Systems Council

Digital Data Committee

Meeting of May 17, 2018

1. Call to Order

Committee Chair Warren Kron (LMA) called the meeting to order at 12:05 PM. A quorum was present. The meeting was held at the Claiborne State Office Building, Iowa Room (1-153) in Baton Rouge, LA.

2. Attendance

Committee Members Present:

Collin DeGueurce – Police Jury Association of Louisiana (PJA)
Jack Gardner – South Central Planning and Development Commission (SCPDC)
Warren Kron – Louisiana Municipal Association (LMA)
Darryl Mack – Department of Transportation and Development (DOTD)

Others Present:

Christopher Ard – City of New Orleans GIS (NOLA)
Jason Carr – Department of Transportation and Development (DOTD)
Chris Cretini – US Geological Survey (USGS)
Caroline DeMay – City of New Orleans GIS (NOLA)
David Gisclair – Louisiana Senate (Senate)
Jackson Matthews – Lincoln Parish GIS (Lincoln)
Cole Ruckstuhl – US Geological Survey (USGS)

3. Meeting Summary

Committee members reviewed and voted to approve the minutes from the March 15, 2018 meeting with a motion by Collin DeGueurce (PJA) and seconded by Jack Gardner (SCPDC).

There was a brief discussion about the Fugro data acquired for DOTD in 2016. Jack Gardner (SCPDC) stated that Terrebonne Parish has 19,000 signs in a dataset and has used the Fugro signs data for validations. Darryl Mack (DOTD) talked about modifications to the Fugro schemas to match the State Roads and Highways schemas.

Chris Ard (NOLA) asked Mr. Mack (DOTD) how many street name fields the Roads and Highways schema has, and it was determined there are six fields just for storing names. The FULLNAME field source data comes from the local authority. Mr. Mack (DOTD) also explained that the street name is parsed into different fields within the Louisiana Roadways schema. Also, he mentioned that the standard US Postal Service abbreviations are used for street types. Jason Carr (DOTD) followed-up on a question by Mr. Ard (NOLA) during the April meeting clarifying that the DOTD database is not formatted to store special characters as it relates to street names and aliases.

Warren Kron (LMA) initiated a discussion with Mr. Mack and Mr. Carr (DOTD) about specifying the attribute data types in the proposed local road schema. Mr. Mack (DOTD) stated that number fields are typically stored as a double, and that any other attribute that is not calculated is stored as text.

Mr. Mack (DOTD) discussed state highway speed limit zones and that DOTD is working to map this information. He also mentioned that local authorities often enforce lower speed limits on state roads.

Mr. Ard (NOLA) asked DOTD to explain the difference between the public/private and ownership fields in the schema. Mr. Mack (DOTD) explained that public/private represents whether an automobile can drive on the street without being granted access through a gate. Also, he described ownership as being either local, state, tribal, federal, or National Park Service.

Caroline DeMay (NOLA) talked about the need for capturing bike lanes, bike parking, and other bike-related information in the schema, but Mr. Mack (DOTD) stated that the state is not currently tracking this type of data in its Roads and Highways schema. Mr. Carr (DOTD) went on to say that bike information is part of the 202 Model Inventory of Road Elements (MIRE), but not required in the mandatory 39 data elements. However, DOTD is willing to take the bike data if it is available.

Mr. Gardner (SCPDC) brought up the fact that metropolitan planning organizations (MPO) are involved with many grants which help local governments build sidewalks. He stated that these organizations are a potential source for both sidewalk and bike facility data.

Mr. Carr (DOTD) noted that the priorities listed for each data element in the local road schema worksheet developed are misleading, and that Priority 2 elements are more like "1.1" priorities, because they are still required by MIRE. Mr. Kron (LMA) asked DOTD if a worksheet exists containing the domains that relate to many of the schema's data elements. Mr. Mack and Mr. Carr (DOTD) will provide the domain names and values to attach to the street centerline schema.

There was a brief discussion by committee members about storing data about overhead clearances for bridges, signage, lighting, trees, etc.

Mr. DeGueurce (PJA) asked the committee members which dataset it wants to tackle after the street centerline schema is complete. Mr. Ard and Ms. DeMay led a discussion with others about the pros and cons of taking on the address point feature class. It was mentioned how vital a statewide master address repository would be to the LA Department of Motor Vehicles and the Secretary of State to help both agencies validate citizen residency. Committee members noted that no one from neither of these agencies is represented on the Digital Data Committee nor the Council. Mr. DeGueurce (PJA) stated he would follow-up with the Terrebonne Parish Registrar of Voters and Secretary of State to ask for someone to attend the Committee meetings. It was agreed that the voting precinct schema would be more practical as a next step and would help attract a representative from the Secretary of State to attend the meeting.

4. Action Items

Mr. Kron (LMA) will update the Local Road Data Descriptions worksheet, and Mr. Mack (DOTD) will assemble the data element domains in another worksheet for a final review at the May meeting.

5. Next Meeting

Scheduled for Noon on Thursday, June 21, 2018, in the Jefferson Room (1-136A) at the Claiborne State Office Building in Baton Rouge, Louisiana.

6. Adjourn

The meeting ended at 1:20 PM after the Committee voted unanimously on a motion made by Mr. DeGueurce (PJA) and seconded by Mr. Gardner (SCPDC).