

Louisiana Geographic Information Systems Council

Digital Data Committee

Meeting of September 20, 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:

Kathrine Cargo – Louisiana NENA (NENA)

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:

Christopher Ard – City of New Orleans GIS (NOLA)

David Gisclair – Louisiana Senate (Senate)

3. Meeting Summary

Committee members reviewed the minutes from the August 16, 2018 meeting. With a motion by Kathrine Cargo (NENA) and seconded by Josh Manning (PDD) the Committee unanimously approved the minutes.

Darryl Mack (DOTD) provided the Committee with copies of the updated version of the Local Roads schema with attachments for each domain. Mr. Mack (DOTD) and Warren Kron (LMA) explained the changes made since the last meeting while the Committee reviewed the worksheet and attachments. David Gisclair (Senate) positively noted the level of detail in the schema is beginning to appear much like metadata. Mr. Mack (DOTD) commented the timeliness of developing this schema because DOTD is currently rebuilding its Roads and Highways dataset, and it is a convenient time to make schema changes. Chris Ard (NOLA) asked how difficult it would be to add values to the domains, and Mr. Mack (DOTD) remarked that it would be relatively easy to accommodate more values. Mr. Mack (DOTD) went on to say he expects more domain values will be added once local data is loaded.

Since the September meeting, Ms. Cargo (NENA) and Mr. Mack (DOTD) took time to compare the proposed Local Road Schema to the recently adopted NENA NextGen911 standard. Both commented that it was difficult to do since NENA only published a report and not a geodatabase schema. Ms. Cargo (NENA) displayed the NextGen911 standard on the projector screen for everyone to assess. The Committee reviewed the layers listed under 1) Required; 2) Strongly Recommended; and 3) Recommended. Committee members commented about how each of the NENA standard layers relate or correspond to the Local Roads Schema.

The Committee continued to delve into the NextGen911 schema and noted that the NENA spatial accuracy standard is set to +/- 13 feet. After further inspection of the NENA road centerline schema there was a discussion about the unique identifier which is known as a NENA Globally Unique ID (NGUID) and is a 256 character field. Ms. Cargo (NENA) explained the logic behind the NGUID values, whereby it is the combination of the 911 authority identifier, agency identifier, and a number for the road segment. Mr. Mack (DOTD) commented that the LA Roads and Highways schema includes a

Universally Unique ID (UUID) field, but it is nowhere near 256 characters. The Committee agreed that the UUID field needed to be added to the Local Roads Schema.

The Committee finished reviewing the NENA standard street name fields which are more specific than the proposed Local Roads Schema, but it was noted by Mr. Kron (LMA) that not all of the NENA street name fields are required. However, Mr. Mack (DOTD) commented that the Local Roads Schema needs to be able to accommodate any and all information that is provided by local authorities. To that point, Mr. Ard (NOLA) told the Committee that the City of New Orleans street layer is based on the Federal Geographic Data Committee (FGDC)/NENA standards, and stores data in all of the fields provided in those standards. Ms. Cargo (NENA) suggested that Mr. Ard (NOLA) attempt to load the City of New Orleans data into the DOTD Roads and Highways geodatabase. Mr. Ard (NOLA) furthered the discussion commenting that it may be helpful to show the results of the data loading process when DOTD has its meeting with Lafayette Regional 911.

At the close of the meeting, a brief discussion was centered on developing an implementation guide for the Louisiana Spatial Data Infrastructure (LSDI). Mr. Kron (LMA), Mr. Mack (DOTD) and Mr. Gisclair (Senate) participated in the discussion.

4. Action Items

Mr. Kron (LMA) and Mr. Mack (DOTD) will update the Local Road Schema worksheet for review at the October meeting.

5. Next Meeting

Scheduled for Noon on Thursday, October 18, 2018, in the Iowa Room (1-153) at the Claiborne State Office Building in Baton Rouge, Louisiana.

6. Adjourn

The meeting ended at 1:10 PM after the Committee voted unanimously on a motion made by Mr. Mack (DOTD) and seconded by Mr. Gisclair (Senate).