Geographic Information Coordinating Council
MANAGEMENT AND OPERATIONS COMMITTEE
March 14, 2016
1:00 to 2:30 PM
Center for Geographic Information and Analysis
301 North Wilmington Street, 7th Floor
Room 770A

MINUTES

1. Chair Stan Duncan welcomed Bob Brinson, Dan Madding, Ryan Draughn, John Farley, Tim Johnson, Joe Sewash, Bob Coats, Doug Newcomb, Jeff Brown, and David Giordano

2. Minutes of the January 14th meeting of the Management & Operations Committee and the NC OneMap Governance Committee were approved for adoption as submitted. There was no meeting in February.

3. Quick Updates
a. Census Geospatial Data and *AddressNC*
Mr. Duncan reminded the committee of the importance of keeping Census 2020 and *AddressNC* aligned in the months and years ahead. Locations of addresses are essential for many state and local business needs beyond a successful population count.

Bob Coats, Governor's Census Liaison, reported on the meeting on address issues took place February 4 including Bob Coats, Linda Millsaps of the NC Association of County Commissioners (NCACC), Ryan Draughn and Chris Nida of the NC League of Municipalities (NCLM), Stan Duncan, GICC Chair, Travis Isaacs of the Local Government Division of the NC Department of Revenue, Tom Morgan of the Department of the Secretary of State, Erin Lesh of NC Department of Transportation, and Tim Johnson, Joe Sewash, Luis Carrasco, and Jeff Brown of CGIA. The meeting included updates on Local Update of Census Addresses, *AddressNC*, and the Census Boundary Quality Assessment Reconciliation Project. Roundtable discussion included NextGen911, NCDOT street centerline project, sales tax collection and distribution, and outreach opportunities to local governments.

The Boundary and Annexation Survey (BAS) program is in progress and the Census Bureau held two workshops on BAS last month for local governments, in coordination with Tom Morgan of the Department of the Secretary of State. Also, the Block Boundary Suggestion Program (BBSP) has submissions due May 31. The Census Bureau continues to distribute a free software package for redistricting and other Census programs—Geographic Update Partnership Software (GUPS) based on QGIS. In terms of priorities, the Census Bureau prefers to enter into partnership agreements whereby the Bureau receives geospatial data from counties on behalf of constituent municipalities and/or from states on behalf of all counties.

The Office of State Budget and Management has asked Bob about a budget for promotion of and preparation for Census 2020. Also, the next biennial budget needs to include dollars to support

maintenance of *AddressNC* and the NC Parcels Project as necessary sources for Census programs and other state business purposes. Brief descriptions of the projects and budget estimates have been under review by budget analysts. Review is in progress in the executive branch.

Mr. Draughn offered to distribute digital Census 2020 promotional material to NCLM constituents. He observed that email communication followed by a postcard can be effective for some issues with the NCLM audience. Mr. Farley added that a presentation to North Carolina Local Government Information Systems Association (NCLGISA, May conference) is another opportunity to promote Census geospatial data and programs. Mr. Johnson added that the program committee for the NC GIS Conference 2017 will be looking for presentations on Census geospatial data topics.

Mr. Sewash reported that a Census 2020 meeting took place in Raleigh on February 11, where he engaged Greg Hanks, the Assistant Chief of the Geography Division of the Census Bureau in a public discussion of ways that *AddressNC* can support the Local Update of Census Addresses (LUCA) program. Local governments will have an opportunity to update address data in *AddressNC* in late 2016 or 2017. In turn, *AddressNC* will submit address data to the Census Bureau for processing, integration and inclusion in the Master Address File. That file will be distributed by the LUCA program to local governments under Title 13 constraints. This process was discussed by the Census Bureau and confirmed later at the National States Geographic Information Council (NSGIC) conference in Maryland as a potential solution for multiple states. This aggregated address data approach is under ongoing discussion in NSGIC's address committee.

Mr. Sewash chairs the NextGen911 working group of the NC 911 Board and is participating in the National Emergency Number Association (NENA) GIS schema group at the national level. The NC working group is developing a recommended data schema including addressing data. In NENA standards, address points are recommended and are likely to become required as NextGen911 moves emergency communications away from geocoded addresses on street centerlines to address points and sub-addresses.

Also, the NSGIC meeting had five presentations on Census programs and technical topics. In addition, the NSGIC address committee is tracking national address data pilot projects in Arizona and Arkansas. Upcoming presentations include a session on a national address database with the Federal Highway Administration at the GIS in Transportation Symposium in Raleigh on April 6. Other national efforts include the Next Generation Now Coalition that is encouraging nationwide implementation of NextGen911 by 2020, further highlighting the necessity of address data. In a related development, NSGIC and NENA leadership met concerning NENA's position supporting the Federal Communications Commission's position that the National Emergency Address Database (NEAD) should be used only for emergency response. NEAD design includes sub-address points for rooms and spaces in three dimensions. This is separate from the National Address Database. NSGIC is working on a position paper on the concurrent database efforts.

Mr. Farley provided a brief update on the statewide roads project (ROME). Technical issues are being resolved with the vendor and publication is expected soon. Meanwhile, Erin Lesh has

starting working with Joe Sewash on NextGen911-related functionality issues including addressing and routing. The roads data model is set and the overall project is lining up well with NextGen911 developments.

b. Orthoimagery
Tim Johnson provided a brief update to follow his report to the Council on February 11. He explained that the area in the Southern Piedmont and Mountains (2015) phase that had to be re-flown has been re-acquired and products will be delivered later this spring. The imagery vendor flew at its own expense. Mr. Duncan observed that the review process and the application of state specifications worked to assure quality.

Moving ahead to the Coastal Region (2016), about 99 percent of the region has been acquired with completion expected soon. Flooding in the Kinston area required a few areas of re-flight. The areas including the military areas have been flown successfully.

Looking ahead to imagery for 2017 in the Eastern Piedmont, CGIA will submit a proposal to the NC 911 Board and seek approval for the phase in April. The proposed price will be lower than projected because of new sensors that fly higher and capture more area per flight line.

c. NC Parcels Project
Jeff Brown reported that the spring update cycle is underway, with more counties taking on authenticated roles as data managers driving the NC Parcel Transformer (sixteen and counting). He observed that support from the Council and the NCACC will be helpful in reminding counties of the value of participating in data sharing and translation to standardized data. Mr. Duncan is working with Linda Millsaps of NCACC on communication.

CGIA is working on a contract extension for operation and maintenance of the cloud-based Transformer by the Carbon Project, Inc. Costs of the vendor contract are being shared by NCDOT, NC Department of Agriculture & Consumer Services, and CGIA this fiscal year. The parcels web service is in use by several state agencies. In response to a question from Mr. Madding, Mr. Brown explained that the Working Group for Seamless Parcels is reviewing the data schema for NC Parcels and considering how to identify records that are taxed based on "present use value" for consumers like Mr. Madding. Mr. Duncan observed that present use value is not well managed in most county tax departments. It is very challenging to track as crops change from year to year, definitions of present use value types are not precise, and demarcations of farm fields and forested areas are not always clear. Soils are a factor as well. This goes beyond analysis of remotely captured land cover data, though that may be a factor as well (e.g., Sentinel 2 satellite).

d. NC OneMap
No issues to report.

4. Follow-up to February 11th Council Meeting
The committee discussed locations for Council meetings. The Education Board Room and Room 1211 in the State Employees Credit Union have various advantages and disadvantages. Other

possibilities discussed were the Albert Coates Building and the State Highway Building. Mr. Duncan will take committee comments under advisement.

5. Council Meeting May 11th
The technical presentation will be on the NC Coastal Atlas by Tom Allen of East Carolina University. The Value of GIS segment will be featured again.

6. Committee Reports

Kat Clifton was not able to attend today. Jeff Brown, staff to the Local Government Committee, reported the LGC would like to submit proposed revisions of LGC bylaws to the M&O Committee and the Council. The proposed changes are to add one member appointed by the Council Chair, remove a restriction on local government Council members from serving as LGC Chair, and adding a Vice-Chair, elected by the LGC members.

Observations from the M&O:
- LGC current members were not willing and available to serve as LGC Chair when the need arose last summer
- An at-large member appointed by the Council Chair could be located closer to in-person meetings in Raleigh to some advantage
- LGC might benefit by finding ways to more evenly divide responsibilities within the LGC and on the Council and M&O Committee

LGC will communicate the proposed changes to the M&O Committee for approval before a revision goes to the Council.

John Farley reported a successful general meeting of SGUC last week. DHHS presented a method for calculating confidence levels of locations of patients, and there were presentations on mobile data collection and mapping the NC Railroad Company centerlines. Regarding the Enterprise License Agreement with Esri, the State has extended the Master Purchase Agreement until February 2017 to allow more time to finalize a new agreement.

Dan Madding reported that TAC continues to work on a white paper for recommended practices using mobile applications. He has reached out to some county GIS coordinators, but he needs more help in filling in parts of the document and is open to suggestions. The Chair encouraged Mr. Madding to persist.

Regarding the FIC, Mr. Newcomb reported that the Executive Committee met and planned the next general meeting which will be in Beaufort on March 16. Don Fields will present about remotely sensed sea grass data and Julia Harrell will present on mobile data collection. He added that the FOSS4G conference had plenty of good presentation proposals.

Ryan Draughn reported that SMAC is reviewing the NC Board on Geographic Names' process regarding renaming of offensive names to ensure timely and thorough consideration, and to clarify procedures of the US Board on Geographic Names, particularly related to notification of local officials and solicitation of local opinion.

7. Other Items
Regarding appointments to the Council, Mr. Duncan sent a letter to close out one resignation, and sent a letter to another organization about its representative on the Council. Also, Mr. Duncan learned that the Senate reappointed John Gillis, Richard Taylor, and Matt Helms to terms ending May 31, 2018. Pending are House re-appointments and a Governor's appointment of a representative of an at-large State agency not represented on the Council to replace the retiring Hunter Robinson.

8. Future Meeting Dates:
April 18, 2016

The meeting adjourned at 2:50 PM.