

Geographic Information Coordinating Council  
**MANAGEMENT AND OPERATIONS COMMITTEE**

August 17, 2015

1:00 to 2:00 PM

OITS

3700 Wake Forest Road  
Lighthouse Conference Room

**MINUTES**

1. Chair Stan Duncan welcomed John Farley, Doug Newcomb, Tim Johnson, Jeff Brown, Brett Spivey, and on the phone Kathryn Clifton

2. Minutes of the July 20th meeting were approved.

3. Quick Updates

Census Geospatial Data

Mr. Duncan reported that he met with Bob Coats, Joe Sewash and Tim Johnson to look at various efforts on addressing with the Census. Marc Burris has address data for registered voters as a subset of a master dataset. David Baker, in charge of local government revenue, has not integrated GIS with sales tax distribution. Instead, Revenue relies on zip codes to identify point of sale and jurisdiction of distribution. Mr. Duncan added that the US Department of Transportation released its report on the National Address Database Summit. <http://www.transportation.gov/mission/open/national-address-database-summit-report>

The address fields needed by federal agencies are a subset of the fields managed by local government authoritative sources. The Summit report recommends that states aggregate local source data into a statewide database, and provide statewide data (subset) for the national database.

Mr. Duncan met with Chloe Gossage of the Office of State Budget and Management to discuss a business case for a statewide address database. Developing a succinct business case is a challenge.

Mr. Farley recommended that Twyla McDermott give a presentation to the Council about integrating multiple sources of address data into a database that meets multiple business needs. Mr. Duncan added that Map Forsyth has taken on responsibility for addressing and Joseph Sloop would have insights to share as well.

4. Council's Annual Report

Mr. Duncan is working with Mr. Brown on a draft of a succinct Annual Report. This year, the challenge is to create an attractive cover that will invite legislators to read the report. In a discussion, points included:

- The Joint Legislative Oversight Committee on Information Technology is aware of LiDAR technology.
- Text could explain what makes North Carolina unique and how that generates value.
- Duke Energy appreciates geospatial data in NC (quote from Council meeting)
- Geospatial data in NC fits the “Nothing Compares” economic development theme.
- As Nancy von Meyer observed, NC was a leading state in land records and has regained a place in the top five states with the parcels project.
- NC OneMap was noted as a positive factor in considering Raleigh as a host city for the Open Source Geospatial Foundation conference.
- Emphasizing what is great about GIS in NC is a fresh way to present an annual report.
- Counties and municipalities are involved in statewide datasets.
- The GIS Report (December 2014) by Chris Estes contains statements about funding and GIS.
- Information about the Council can be stated in an addendum.
- Metadata should and can be included. Use cases include executive decision making that relies on information about data to find and assemble relevant information quickly with confidence. The end result of metadata can be the emphasis.
- It is important to have good data to analyze for data analytics.
- Constituent services may serve as an example of an end result for searchable metadata.
- Data is an asset in which we invest dollars and time, and decision makers need to know what information is available, where, and how to get it to realize the value of the asset.
- Agreement on the best available data saves time, increases return on data investments, and builds trust in data.

On the topic of data analytics, the Joint Oversight Committee had a meeting about analytics in Charlotte last year. Also, Mr. Farley recommended John Correllus for a presentation to the Council and/or the M&O.

## 5. Items from the Council Meeting August 13, 2015

### a. **Address API**

Mr. Brown received links from Marc Burris. Quoting from the website:

“At a July 9 reception at the National Association of Secretaries of State 2015 Summer Conference in Portland, Maine, Google presented awards to seven states—Iowa, Minnesota, North Carolina, South Carolina, Utah, Virginia, and Wisconsin—for their commitment to using new technologies to serve their voters. Specifically, these states are at the forefront of providing their constituents with accurate, official voting information by delivering standardized data on polling places and ballot contents to the Voting Information Project (VIP).”

“VIP, a project of Pew, in partnership with Google and states, aims to ensure that voters have the answers they need to basic questions such as, “Where is my polling place?” “What’s on my ballot?” and “How do I navigate the voting process?” In 2014, VIP data were accessed through the Google Civic Information API approximately 31 million times in the run-up to the general election and on Election Day.”

### b. **Charlotte address management**

The Charlotte GIS homepage: <http://charmec.org/city/charlotte/IT/Pages/gis.aspx>

The work by the City of Charlotte is of great interest. Mr. Duncan suggested highlighting more than one local government address data management initiative. Options include Council presentations and/or organizing a one-day session on address data management.

**c. LiDAR plan**

In a discussion, the committee noted that public access to LiDAR data is authenticated by a login (NCID) which is not consistent with the vision and characteristics of NC OneMap. Servers at NC Emergency Management are not in an ideal environment for both security and public access to data products and especially web services. LiDAR was a prominent topic at the Esri User Conference. LiDAR in NC and information about it has a wide ranging audience and generates the most benefits when readily shared. The investment is large and the value is not fully realized without easy discovery and access of LiDAR data and derived elevation products. There may be applications of elevation data that we cannot anticipate but which could generate significant value.

Mr. Newcomb added that the national 3D Elevation Program has a website for collecting information about elevation data plans for acquisition and needs from federal agencies. NOAA is hosting the site. This helps identify common interests. There may be an NC equivalent for collecting information about plans.

**d. Data inventory (state and local) and business plan/strategic plan**

Discussion points:

- Data information supports parts of a business plan.
- A new Department of Information Technology could have a role in compelling communication about plans and data sharing across the enterprise.
- With or without a reorganization, an inventory and plan will have value.
- The SCIO's GIS Report contains information about state agency data uses and data sharing.
- Much of statewide data is discoverable via NC OneMap, Go!NC, and other sites.
- A strategic plan is informed by data availability in state and local governments.

**e. Coordination of state collection of local data**

(Hold for the September meeting)

**f. Consumers of NC Parcels via NC OneMap**

In response to a question by Dan Madding, Mr. Giordano added that NC Parcels is already one of the most popular vector datasets. Reliable statistics on hits to the web services are not available. Anecdotal information indicates value in the parcels web services.

Mr. Newcomb offered to reach out to Data.Gov staff to get more information about harvesting NC OneMap data resources.

**g. Technical architecture inventory and risk management**

The GIS Report contained high level information about technical infrastructure, but more information is needed for details for technical architecture. A new Department of Information Technology would be a factor on this topic.

Kat Clifton added that the e-book on the Value of GIS can tie into the issues discussed today. Regarding parcels, economic development is an important use case.

6. Future Meeting Dates:

September 21

October 19

November 16

The meeting adjourned at 2:09 PM.