



North Carolina
Geographic Information Coordinating Council
Local Government Committee

NCGICC

MINUTES

LOCAL GOVERNMENT COMMITTEE

November 20, 2019, 2:00PM

PROCEEDINGS

The quarterly meeting of the Local Government Committee (LGC), a committee of the Geographic Information Coordinating Council (GICC), was held on November 20, 2019.

PRESENT

LGC members:

Debbie Brannan, Cabarrus County, GICC (LGC Chair)
George Brown, Alexander County, NCLGISA
Pam Carver, Henderson County, CURISA (and NC Parcels)
Robin Etheridge, Dare County, NCPMA
Aarti Sharma, Centralina COG, ACRED
Ben Strauss, Wake County, NCACC
Alice Wilson, City of New Bern, NC-APA (LGC Vice-Chair)

Others:

Stephen Dew, Guilford County, Metadata Committee and Working Group for Orthoimagery and Elevation
Marlena Isley, Alamance County, Hydrography Working Group
David Nash, City of Fayetteville, Working Group for Census Geospatial Data
Sallie Vaughn, Person County,
Natalie Walton-Corbett, City of Greenville, Working Group for Orthoimagery and Elevation
Greta Bumgarner, Catawba County, Working Group for Roads and Transportation
Anna Verrill, CGIA, Staff to the LGC
Matthew McLamb, CGIA, Assistant Director
Tim Johnson, CGIA, Director

WELCOME

Debbie Brannan called the meeting to order and welcomed members and representatives.

MEMBER ANNOUNCEMENTS

Debbie announced the filling of vacant seats for the Local Government Committee (LGC) representative organizations. Debbie is now serving as the Chair through the rest of this year (ending June 30, 2020) and Alice Wilson has volunteered to serve as the Vice-Chair.

Pam Carver is joining as the Carolina URISA representative. Aarti Sharma from the Centralina Council of Governments representing the Association of Regional Councils Executive Directors. The terms for these representatives are two years ending June 30, 2021.

There is still one vacant seat for the North Carolina League of Municipalities. When this position is filled, this term will also end June 30, 2021.

MINUTES

As there was not a quorum present at the last LGC meeting both the May and August Meeting Minutes needed to be approved.

Motions and voting for approval May 29th Meeting Minutes occurred. All were in favor. May 29th Meeting Minutes were approved.

Motions and voting for approval August 28th Meeting Minutes occurred. All were in favor. August 28th Meeting Minutes were approved.

GICC TOPICS

Debbie introduced this next agenda item for topics relating to this committee from the November 6th GICC meeting. Requested Tim add anything as needed.

USGS 3DEP and Hydrography

USGS gave a presentation regarding the 3DEP and Hydrography projects and updates. North Carolina will be 67% complete with 3DEP in FY19. There is a website to review more information www.usgs.gov/3DEP/numbers.

The [presentation that USGS](#) gave is on the Council meeting webpage. The presentation is a very detailed set of materials for both the 3DEP Elevation Program and the National Hydrography Infrastructure data. Both topics are of great interest to all those at the Council table and the stakeholders present. All are encouraged to review the slides to learn more about these topics.

Public Access to Infrastructure Data

The next topic discussed at the November GICC meeting was the Public Access to Infrastructure Data. Debbie recognized that the LGC has created a survey and the results of the survey was reported on in the May GICC meeting.

Representatives from Duke Energy presented at the meeting. They presented on their willingness to work with GICC and create best practices for sharing infrastructure data. They proposed to deliver

electric and gas transmission easement data with the following proposed attributes: the asset protection contact, website link, data correction contact, a disclaimer, deed book, and deed page. This is a huge step forward as it is known there has been issues with gaining access to this data in the past. There were questions about where they would deliver the data and frequency of delivery. The vision is to provide the data on NC OneMap. For the LGC, a question Debbie had was: As we are developing these best practices, how can we motivate other infrastructure owners to participate? Any thoughts from the LGC on this would be greatly appreciated.

The group was asked for any comments on this topic or if they had any questions about what Duke Energy is proposing to provide.

Debbie was asked to repeat again what kind of data Duke was proposing to provide – was this actual location of utility lines or something else? Duke proposed to provide was polygon data representing the easements that Duke Energy owns.

Tim mentioned that this was a bit of a breakthrough for Duke Energy. We could use this announcement as leverage to encourage other private utilities to provide data and use this as a building block to increasing access to this type of data. The survey the LGC performed was very informative to the Council and Tim thanked the group for this effort. This is a long road, and this is just another step to move towards increasing the availability of infrastructure data.

For the LGC, there are so many local governments with this type of data. If we encourage them to share this and if we can come up with best practices for sharing this type of data, this would be beneficial for making progress on providing public access to infrastructure data.

Alice mentioned one of the things New Bern is wrapping up is moving to the enterprise system and one of the tools they want to utilize within this enterprise system is the ability to share information like this securely using the enterprise and connecting to other enterprise systems. This could be something added to the Best Practices document – how to utilize secure sharing through Esri's enterprise system. The State has some datasets as well especially relating to emergency management. Maybe we can tap into this to get more information? How local governments can provide secure access to sensitive data through the enterprise portal?

Finally, Duke Energy mentioned North Carolina is ahead of the curve with NC OneMap and not all states are that far along. Kudos to North Carolina for NC OneMap.

There were no other questions or comments regarding public access to infrastructure data.

2022 Reference Frame and US Survey Foot Topics

The next topic discussed at the November GICC meeting was the 2022 Reference Frame and US Survey Foot. There was a federal notice they are moving away from the US Survey Foot on December 31, 2022. Comments need to be in by December 2, 2019. This is the federal decision and the State is still able to make its own decision on this. Debbie mentioned the GICC will be making their recommendation so if the LGC has comments on this we need to get these to the GICC soon.

Even though the US Government is adopting the International Survey Foot as its standard does not necessarily mean that the State of North Carolina must do this. Alex Rankin, the GICC Chair, has asked the Statewide Mapping Advisory Committee (SMAC) to take this up and take it up very quickly. The ask is for the SMAC to come up with pros and cons for going to the International Foot versus using the US Survey Foot as the standard. Those of you on this call that serve on the SMAC may requested to comment on this during the period of December 1st through mid-January 2020. The SMAC needs to have this recommendation prepared for the next GICC meeting in February and the next SMAC meeting is in mid-January. Be thinking about this and look for this ask from the SMAC Chair, Paul Badr.

Alice asked whether Tim knew if other states were talking about this at all. Tim has no knowledge of this being discussed in other states. We may be in front of the curve on evaluating this change.

The SMAC will be making a recommendation to the Council at the next quarterly meeting in February. The Council members will need to be able to review this recommendation at least a couple weeks in advance of the February GICC meeting.

Alice then asked if Gary Thompson had a recommendation. Tim explained that Paul Badr as SMAC Chair and Gary Thompson with his knowledge and as Vice-Chair of the SMAC will create a document listing pros and cons of going with the International Foot versus using the US Survey Foot. This document will be the basis for comment from the other SMAC members. Alice thinks this will be valuable to have in being able to make a comment on this decision.

Esri ELA Renewal

The last topic discussed at the GICC meeting was the State finalizing the Esri Enterprise License Agreement (ELA). The final agreement does not yet appear to be published on the website. If you are interested in an Enterprise Agreement with Esri, the State does have a contract that local governments may want to reference to determine if they can benefit from this established contract.

Alice asked if this was good for three years. Tim believes the term is changing to 2 years to be more in line with state agency budgeting. New Bern has their own ELA with Esri and this lasts 3 years. Debbie noted that sometimes it is good to start negotiations referencing the State's ELA.

The LGC will be notified when the document is published.

NEXT GENERATION 911 UPDATE

Matthew McLamb provided an update for the Next Generation 911 project. Since August CGIA along with GeoComm has been very busy coordinating with counties, municipalities, and PSAPs across the state. The team has been visiting with the agencies, looking at the data, helping them upload their data into GIS Data Hub, configuring this and processing the data and reviewing the error reports with them.

As we have mentioned before, the team is working very closely to get everyone moved over to the ESnet along with the 911 Board. Here at CGIA we are focusing on the GIS side of things along with the GeoComm team. We have been hosting mini-regional workshops across the state. The team is still

scheduling these across the state, so if you have not attended one previously there is still opportunity in the future. We will be at Person County tomorrow (11/21/2019) and Bladen County on Friday (11/22/2019).

Matthew then showed the [Next Generation 911 website](#). This contains a lot of pertinent information for the Next Generation 911 project. The initial dashboard shown on the landing page has been available for some time. This dashboard shows the migration of PSAPs onto the ESInet, this does not show the GIS migration status. Further down on this page you can find links to training videos on how to use GeoComm's GIS Data Hub as well as videos of the presentations given at the June workshops. The NG911 GIS Services button found within this section brings you to the [Next Generation 911 GIS page](#).

On this page there is an image of the [GIS data status dashboard](#). If you click on the image, you will be taken to the live interactive dashboard map. This map shows the progress of counties processing their data in GIS Data Hub. There are two counties highlighted as being "i3 Ready"- Richmond and Alexander Counties. Matthew thanked George for his hard work to achieve this status. This is a very collaborative effort and we thank everyone for their time and effort to this work. CGIA and GeoComm are here to assist in any way we can. The dashboard is updated on a weekly basis every Friday morning.

As you scroll further down on the GIS Services page you will find "Important Things to Know". This includes questions that are commonly asked as the team meets with the different jurisdictions. Finally, a little further down on the page we also provide some associated files. There is a tool package zip file that contains an excel schema worksheet, schema XML, along with some other tools. Also provided is the GIS Data Hub User Guide, the presentation from the June workshops, and a document listing the GeoComm GIS services contacts.

Next Generation 911 is moving right along and making good progress. We appreciate everyone's efforts. Anna Verrill and Matthew McLamb at CGIA are here to assist the jurisdictions as they work through things at any time. This can be in the form of conference calls, screen-share sessions, on-site visits, or get you plugged into the mini-regional workshops. If you want to host a workshop in your area, CGIA would love to talk to you about that as well.

Matthew then opened it up for questions. There were no questions asked.

Debbie offered space in Concord if we need to host a mini-regional workshop in the Cabarrus County or Mecklenburg County area. CGIA will reach out to her if needed.

DATA RETENTION SCHEDULES FOR LOCAL GOVERNMENT

The LGC discussed the Data Retention Schedules for Local Government topic. The Data Retention Schedules for Local Government documents are effective as of March 2019 released by the Department of Natural and Cultural Resources regarding data retention. This topic was discussed in August but the LGC members needed more time to research this for each of their jurisdictions.

Debbie found the retention schedule for Cabarrus County and shared this with their GIS staff. They were not aware of the document.

Ben did the same thing by bringing this to their GIS personnel in Wake County. They had not seen the document either but were pleasantly surprised to know they were already in compliance with most all the guidelines.

Alice asked where this was available. The one being shown on the screen-share was the one provided by Jason Clodfelter with Forsyth County. It is understood that these were given to each county commissioner or county managers back in April 2019. Cabarrus County's Clerk of the Board oversees the retention schedules.

There are no real actions to take on this, but Debbie has considers this to be a good topic for the LGC workshop the Committee will be planning. Maybe have the someone from Cultural Resources present on this? As it seems like this information was not broadly shared within each jurisdiction, maybe just an awareness campaign is needed.

Alice agreed that there seems to be a disconnect between counties and municipalities sharing information and she is unsure how we can try to fix that. Debbie mentioned maybe sending things through the listservs. Maybe we can send regular notices through the listservs pertaining to this and other things of interest across local governments which could serve as a type of newsletter.

LGC 2019-2020 WORK PLAN

Debbie transitioned to the next agenda topic – the LGC Work Plan for 2019-2020. This may be ready for approval as there have been a couple review periods provide since the last meeting. There was feedback provided from the initial review. The workplan was adjusted to incorporate this feedback. There was no additional feedback received during the second review.

Motions and voting for approval of the 2019-2020 Work Plan occurred. All were in favor. The LGC 2019-2020 Workplan is approved.

Debbie has requested the LGC to come up with actionable items to accomplish the tasks rather than them being so general and open ended. Pam agreed.

Tim mentioned the LGC is already accomplishing some of the things on the workplan. For instance, the fall update for the parcels is well underway with 70 counties submitting parcels into the statewide dataset. This is a good actionable thing to have accomplished.

LGC WORKSHOPS – FACILITATED DISCUSSION

Moving onto the LGC Workshops discussion, this is one of the items we have on our work plan (Task 4.9). Debbie opened it up for discussion by asking if there is anything the members are aware of for things local governments should be aware of or get more involved with.

Alice mentioned that anytime there are any initiatives like the Next Generation 911, the elevation lidar project or any other project like this that maybe when things are wrapping up it would be good to provide information on how to access and use the data coming out of these. How people are using the data would be great as well.

What would be the best format for this? In-person, webinars, just having people dial-in?

Some local smaller organization may not have funding to travel so either having multiple workshops spread out across the state, like half-day sessions or have them online or have a combination of these meeting options.

Sally agrees a mixture of options to attend would be best. It would be nice to be able to look at a webinar or take the half-day if they are available to travel. Being able to record the live session would be beneficial as these can be referenced whenever someone has the time.

As we are almost half-way through the year maybe we should look at doing something in the February-March timeframe? March would probably be more realistic. Does anyone want to take the lead on this?

Alice mentioned that we should have a list of topics for presentations at the workshop. Maybe things of interest around that timeframe. Debbie mentioned the wrap-up of imagery collection for 2019. Depending on how long the workshop is scheduled for there could be multiple topics.

Anna chimed in as being happy to support whoever does try to plan this session.

Alice mentioned the Working Group for Enhanced Emergency Response (WGEER) is also wrapping up and that would be a potential presentation. Good timing in March to be prepared and have more information on this before the Hurricane Season begins. WGEER is looking into the online portal that will be being used for this group and maybe the group would be ready to share this come March.

Anna mentioned she is happy to setup a meeting for a planning team to discuss planning the workshop in more detail – find a location, logistics of providing it online as well, topics that can be discussed, etc. Maybe a planning session could occur in mid-December or early January after the Holidays. Alice volunteered to help, requesting the January timeframe for the planning session. Natalie with the City of Greenville will volunteer. Pam will participate maybe not in a large capacity, but with workshop concepts. Sally with Person County also volunteered. Anna will send out an invite soon. Debbie requested the invite be sent to the whole group and they can decide closer to the date if they want to join in the planning session.

BRIEF UPDATES FROM COMMITTEES AND WORKING GROUPS

Working Group for Enhanced Emergency Response

Alice provided an update for the Working Group for Enhanced Emergency Response. Right now, the group is working on two different things. 1) Who is going to be responsible for the data and what other information will be made available during emergencies? 2) They are also looking at training.

They are thinking about having a hub where you can access and share information during an event, request resources for help, and the like. There is a meeting coming up this Friday (11/22/2019) where there are going to whiteboard a game plan for how to accomplish and provide this information.

There was a free ICS training session mentioned during the GICC. This is a 4.5-day training that will be held in May 2020 at Pitt Community College. This is being offered for free besides the travel and time taken to attend. This is the ICS 300-400 FEMA course. All the other ICS courses are available online. The ICS 100 and 200 courses are prerequisites.

They are using the National Alliance for Public Safety GIS Foundations criteria to categorize the members of the group and people who might want to volunteer during an event. Based off the category you are in this determines the level of ICS training you must have. Some people coming in as an entry level technician under the National Alliance for Public Safety GIS category would only need like 100 or 200 or 700, but if you are coming in as a manager or database administrator you would need more than this.

Working Group for Seamless Parcels

As already mentioned in the call, there have been 70 counties providing parcel updates for the Fall update cycle. Pam is thinking through how we can encourage and capture even more updates in the new year. That's what is being worked on now.

Alice mentioned that during the last SMAC meeting, it was mentioned that enticing people to update more often due to the census would be good as this is a valuable tool to have. Pam asked for anyone to share those ideas.

We are encouraging counties to move to a quarterly update cycle. Anna as the NC Parcels Project Manager will be outreaching to counties more often due to this. Hopefully these outreach campaigns will assist us in being successful with the move to quarterly updates starting in 2020. Quarterly updates of parcels will also help with the retention schedules where parcels are called out as something the counties need to maintain a copy of every quarter. It also mentions accomplishing this through publishing to NC OneMap.

Robin asked if NC OneMap maintains this permanently. The latest version that is provided is retained and over a period this is archived. Anna will confirm the details of the NC OneMap archive schedule and let the group know.

Working Group for Orthoimagery and Elevation

Starting on December 2nd and December 4th the CGIA team will be delivering the 21 counties from the 2019 phase for the Southern Piedmont and Mountain counties. The delivery meetings will start in Asheville, go to Cherokee and onto Murphy, then back east to Shelby, and finally Monroe. Invited to these delivery meetings are the PSAPs and GIS contacts for the 21 counties covering that area.

Simultaneously the 2020 imagery effort is ramping up along the coast which covers 27 counties – basically the coastal plain and inland from the coastal plain. There is an additional effort to collect the fourth band within this data collection cycle. The working group is seeking feedback for potential or known applications of how local governments, state agencies, and others on how the fourth band data may be used.

Related to imagery, the State of South Carolina is flying their first statewide orthoimagery program in 2020. For those of you who may be along the border, this may be a good resource as we believe that South Carolina will share this imagery with us as we have done with them. This should enhance 911 efforts as well as other efforts for imagery.

The NAIP imagery will be flown in North Carolina in 2020. This is a 3-year national program where every state gets a collection in that 3-year window.

The Lidar program has all the data for the final phase in place. The USGS is collecting lidar in the coast in 2020 as far west as Vance, Franklin, Johnston, Sampson, Bladen, and Robeson counties. This is the QL1 or 8-points per meter data, bare-earth 1-meter DEM, and a classified LAS point cloud. In addition, 1-foot contours are being created from the DEMs. NC Department of Emergency Management is determining the quality control process. They will be tiling the product to reduce its size.

Hydrography Working Group

There was a meeting on Monday November 18th. This is the only single authoritative stream dataset. This has been in process for a while and continues. There are many agencies involved that all have their own needs and priorities to be considered. The agencies involved are: USGS, NC Division of Water Resources, NCDOT, and local government. The ATLAS version 1.2 data is currently available if you have a NCID account. To gain access to this data, email Michelle Wharf at mlwarf@ncdot.gov.

There are 3 potential paths to get this data integrated and updated within the National Hydrography Dataset and they are working on one of those 3 paths to get that data integrated as well as maintained within this master national dataset. The stream geometry is the most important thing initially and then they will be working on getting this fully attributed. Currently there are over 70 attributes in the version 1 data and version 2 will include several related tables, curves, and even better geometry.

Statewide Mapping Advisory Committee

Related to orthoimagery that has yet to be mentioned they are also collecting the military bases and looking at a NOAA Land Cover project. DOT is interested in funding a Land Cover product as well.

Related to elevation data, the base data is complete. This has been moved to a new server. Esri may help creating a dynamic service from this. For the contours, the data is very large and therefore will not be made available for download so this must be requested.

Related to transportation, John Farley discussed the seamless road dataset which will be routable. Maintaining this will be in line with what is coming out of the Next Generation 911 project. This will be

incorporated into Open Street Map. They will also be publishing a log of changes as they are being made.

Gary Thompson requested Alice to reach out to the local government community for those who have purchased the Color Infrared (CIR) product (also known as the fourth band) to get an example of who is using it and how it has been used. Alice sent this request out through one of the listservs. She hasn't seen a response, but Gary was copied on the email so maybe any response may have gone directly to him.

NC OneMap is a new site. If you see any issues, please provide feedback to David Giordano at david.giordano@nc.gov.

Census 2020

David Nash provided an update for the Census 2020 Working Group. We are hopefully nearing the end of the line. The LUCA feedback appeals process has come to an end. Those who wanted to appeal were required to do so before October 7, 2019. The New Construction program has come to an end. Local Governments were asked to submit new addresses and housing units that were or are under construction and may be occupied by Census Day. The deadline for this was October 25, 2019. The US Postal Service may also be reporting to the Census Bureau in early 2020 information on new addresses to supplement the data provided by local governments.

Currently happening across the state are Local Complete Count Committees are being organized. They will be charged with promoting participation in the 2020 Census.

This past week the Census Bureau released a very useful [color-coded map](#) on how it intends to invite people to participate. Everyone will be getting an invitation at their housing unit. There are three ways to participate in the census – online, by paper product, or by phone. The Census Bureau divided the country up into which census tracts should get the first invitation to go online, but other tracts have been designated to get the paper product initially. There are some census tracts that are not likely to participate on the internet. You can zoom in to the county level and see the census tracts in your area and see which way the Census Bureau intends to send the invitations.

Has anyone in this group used the GUPS program that the Census Bureau has been made available to us over the last two years? Alice did not use it. Sally in Person County did use this. David Nash is wondering how this worked for people. In Fayetteville they did have trouble getting it to run. Once this did work, it was good. He thinks there is potential in the future for local and state governments to report their boundary changes.

Census Day is April 1, 2020 and hopefully all the GIS work people have been doing over the last 2 years will pay off in the end.

OTHER ISSUES AND CONCERNS

There were no other issues or concerns mentioned.

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

There were no other professional development opportunities mentioned.

ADJOURN

There being no other business, the meeting was adjourned at 3:03pm.

LGC's web page on the GICC website: <http://it.nc.gov/gicc-local-government-committee-lgc>.