Nothing Compares
NORTH CAROLINA

NC GICC Update

Federal Interagency Committee
25 August 2016

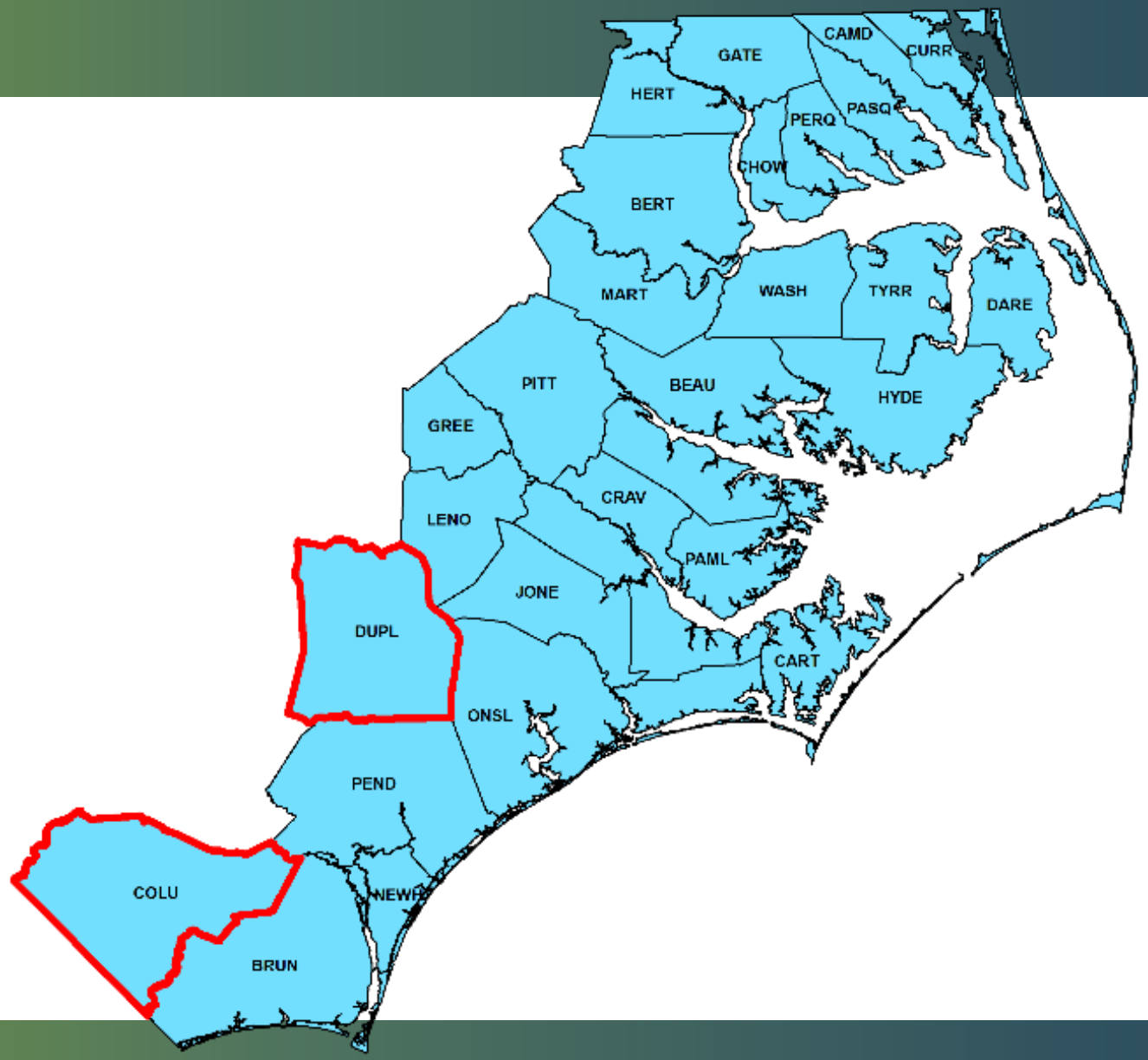
Council Priorities

- Address points
- Orthoimagery
- NC Parcels maintenance
- Statewide roads
- LiDAR and derived elevation products
- NC OneMap
- Standards
- Metadata standard implementation
- Census 2020

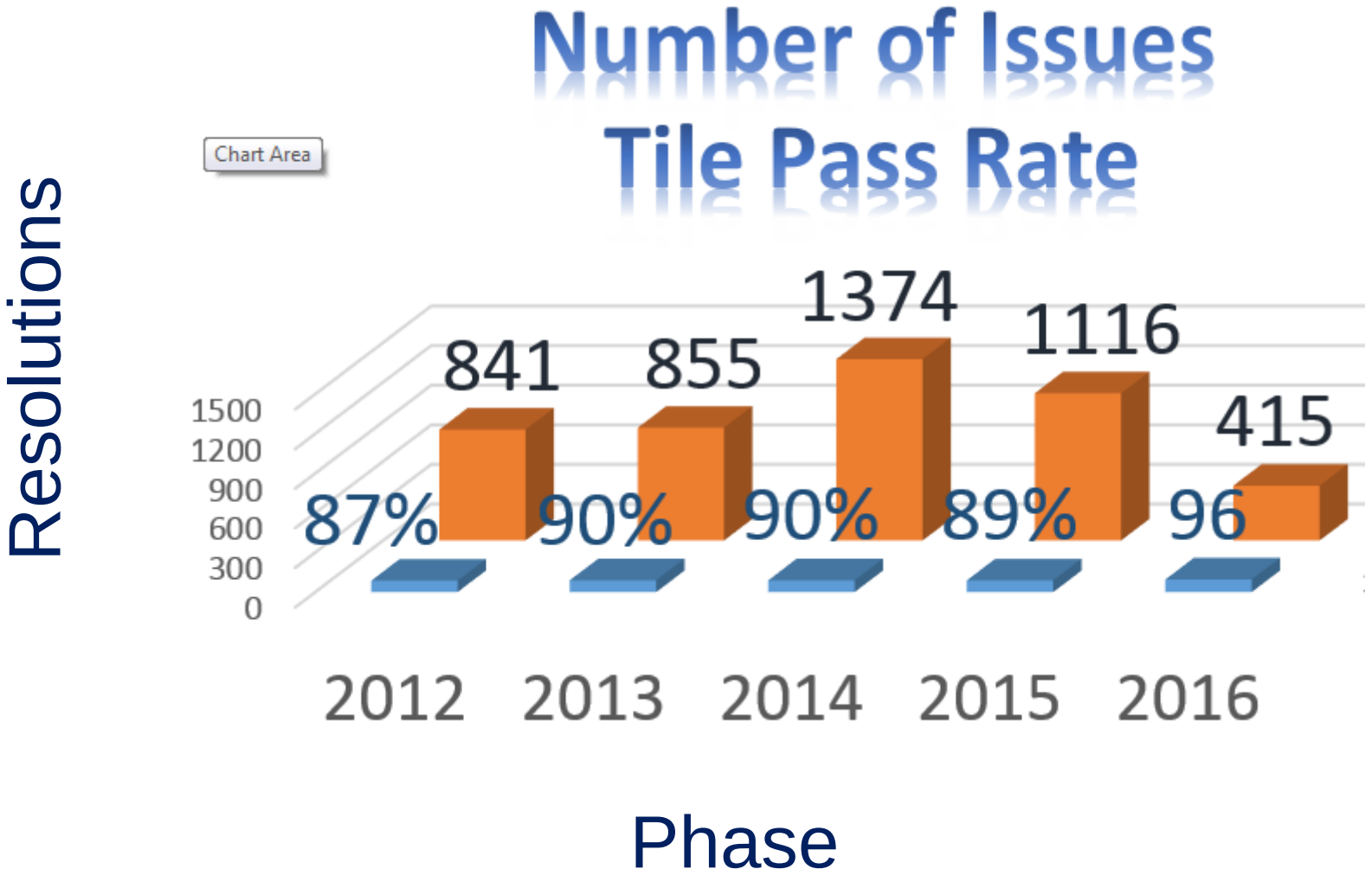
NC OneMap Services and HTTPS

- **CAD, QGIS, custom applications, etc:**
  - We are an Esri GIS shop so our experience with other GIS or CAD is limited. However, the approach is the same. Locate each instance where you are connecting to one of our services. In the url string, change the portion from "http://services.nconemap.gov/arcgis/rest/services" to "https://services.nconemap.gov/secure/rest/services." For example, to change the connection to the "boundaries" service, modify the current connection string "**http://services.nconemap.gov/arcgis/services**/NC1Map_Boundaries/MapServer/WmsServer?" to "**https://services.nconemap.gov/secure/services**/NC1Map_Boundaries/MapServer/WmsServer?" Check the online help for your software to get more information.

Coastal 2016



Coastal 2016 VOICE and Historical



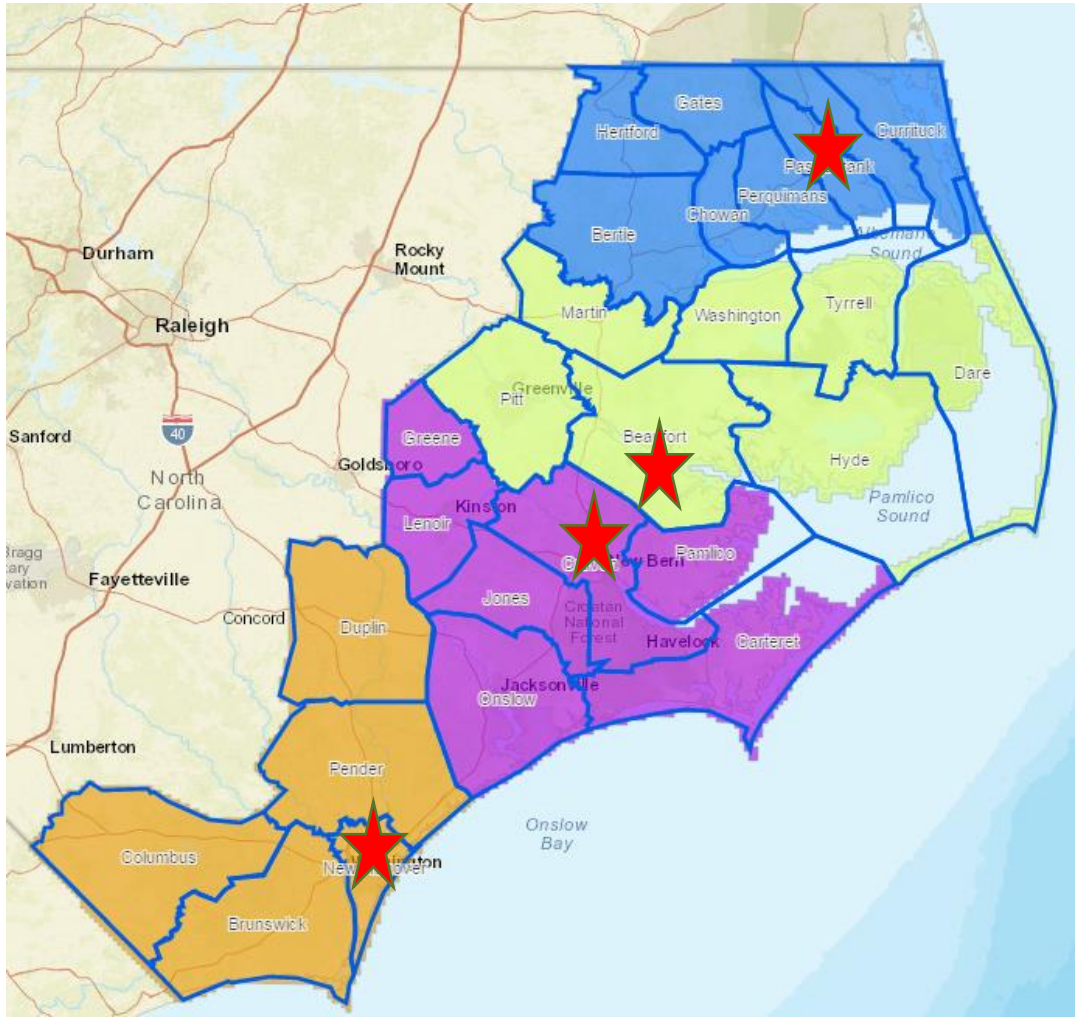
Distribution Meetings

SA1 – Elizabeth City January 18

SA2 – Washington January 19

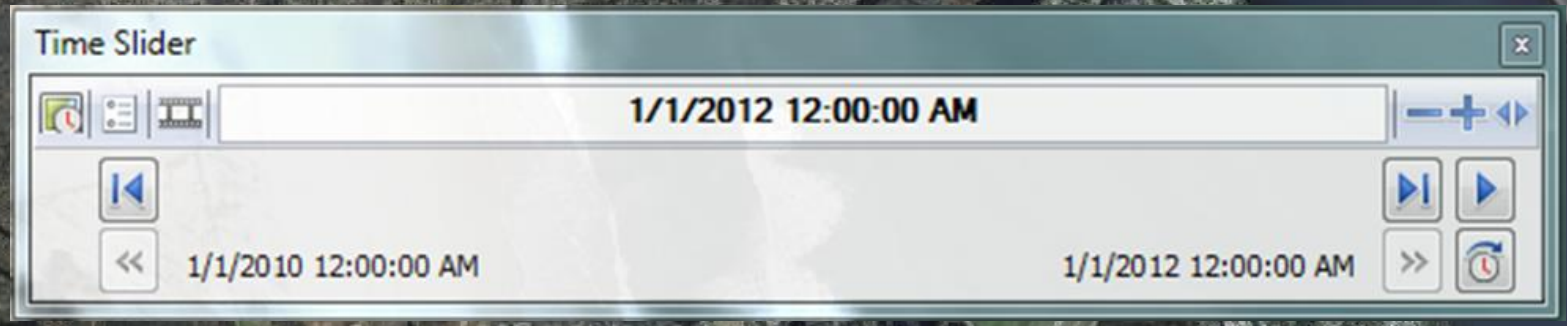
SA3 – New Bern January 23

SA4 – Wilmington January 24



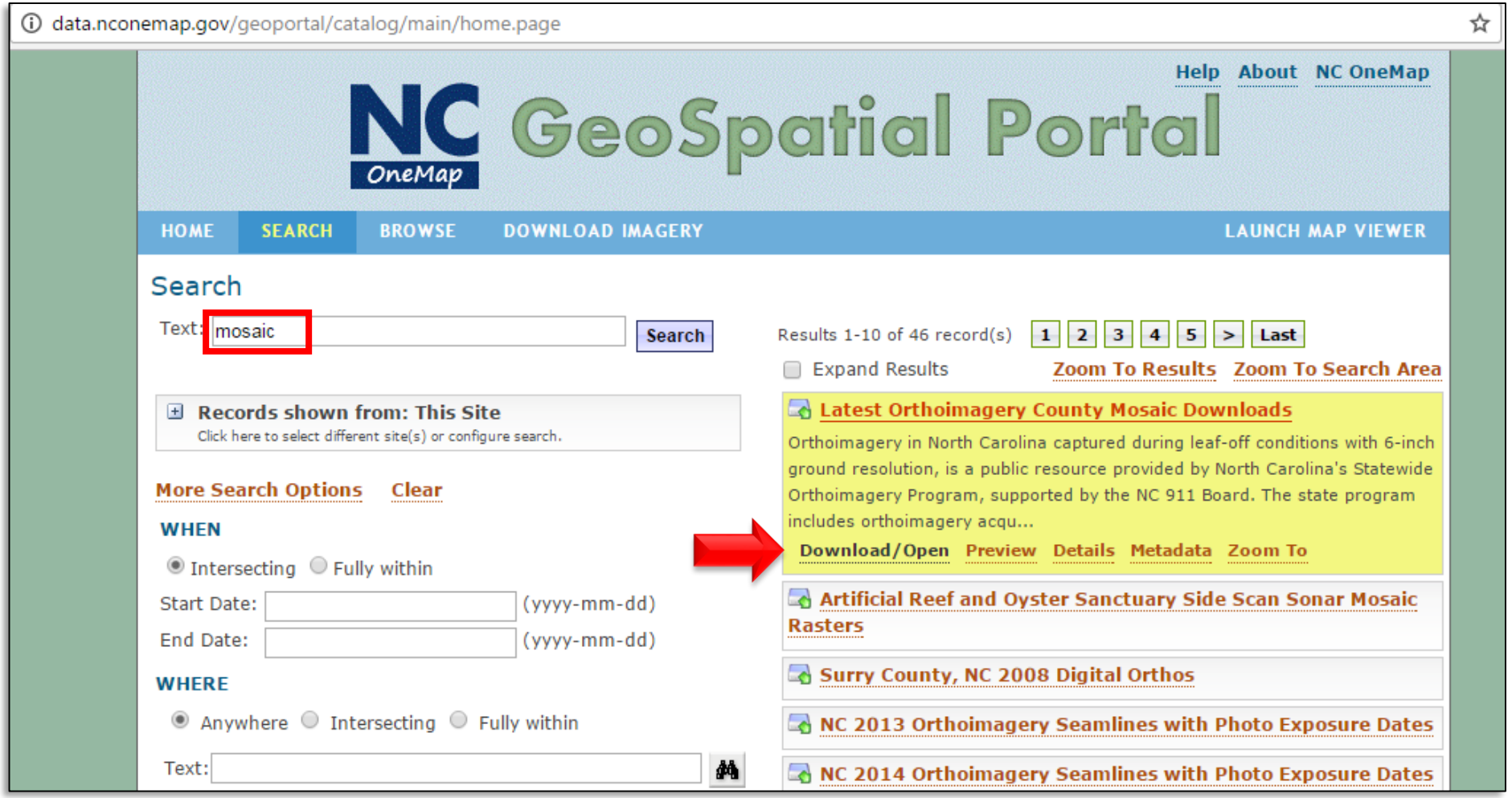
NC OneMap – February 1

- Imagery
  - Orthoimagery Standalone – Per Year
  - Orthoimagery Most Recent
  - Orthoimagery All - 1995-2016



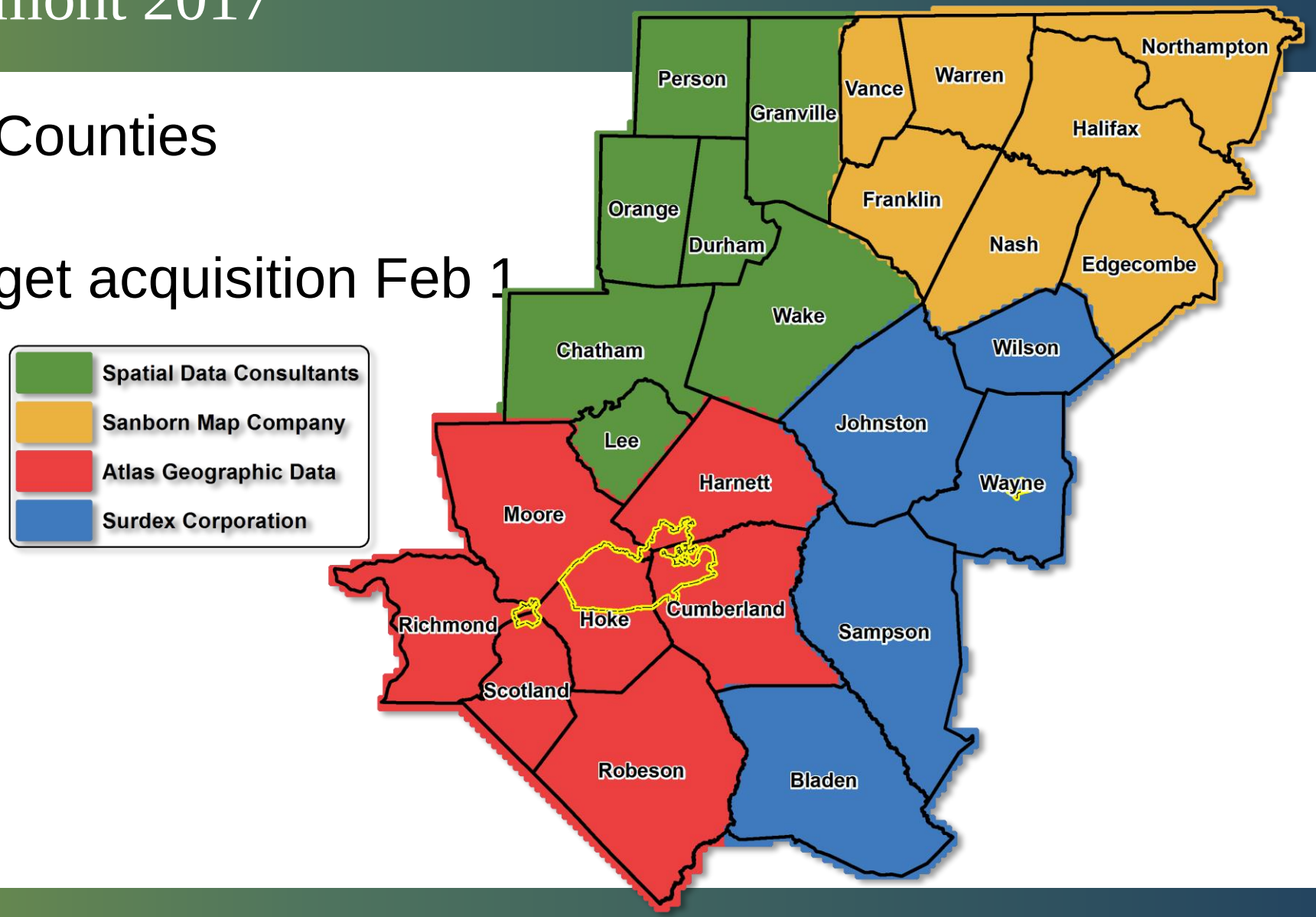
https://services.nconemap.gov/secure/rest/services

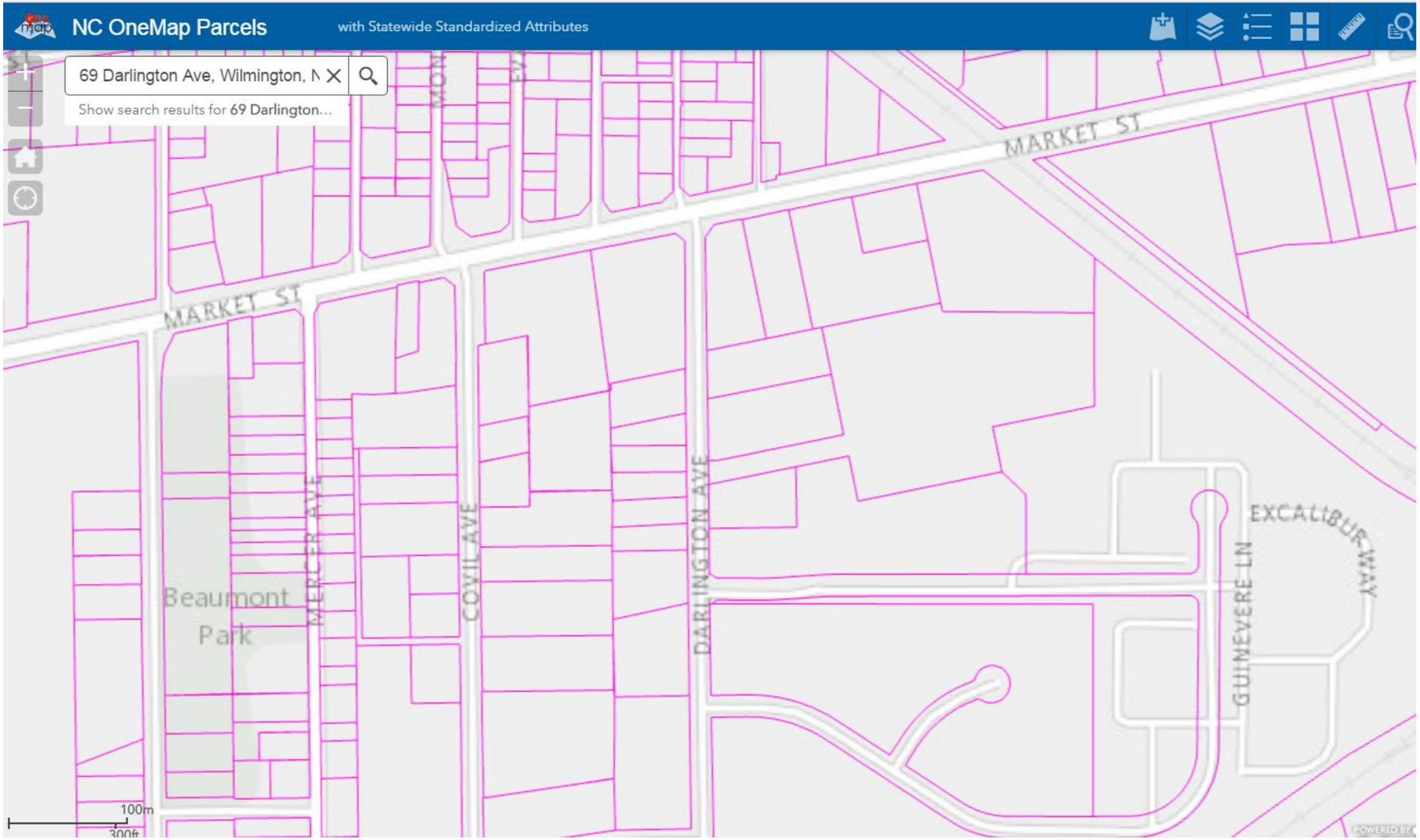
NC OneMap County Mosaic Download



Eastern Piedmont 2017

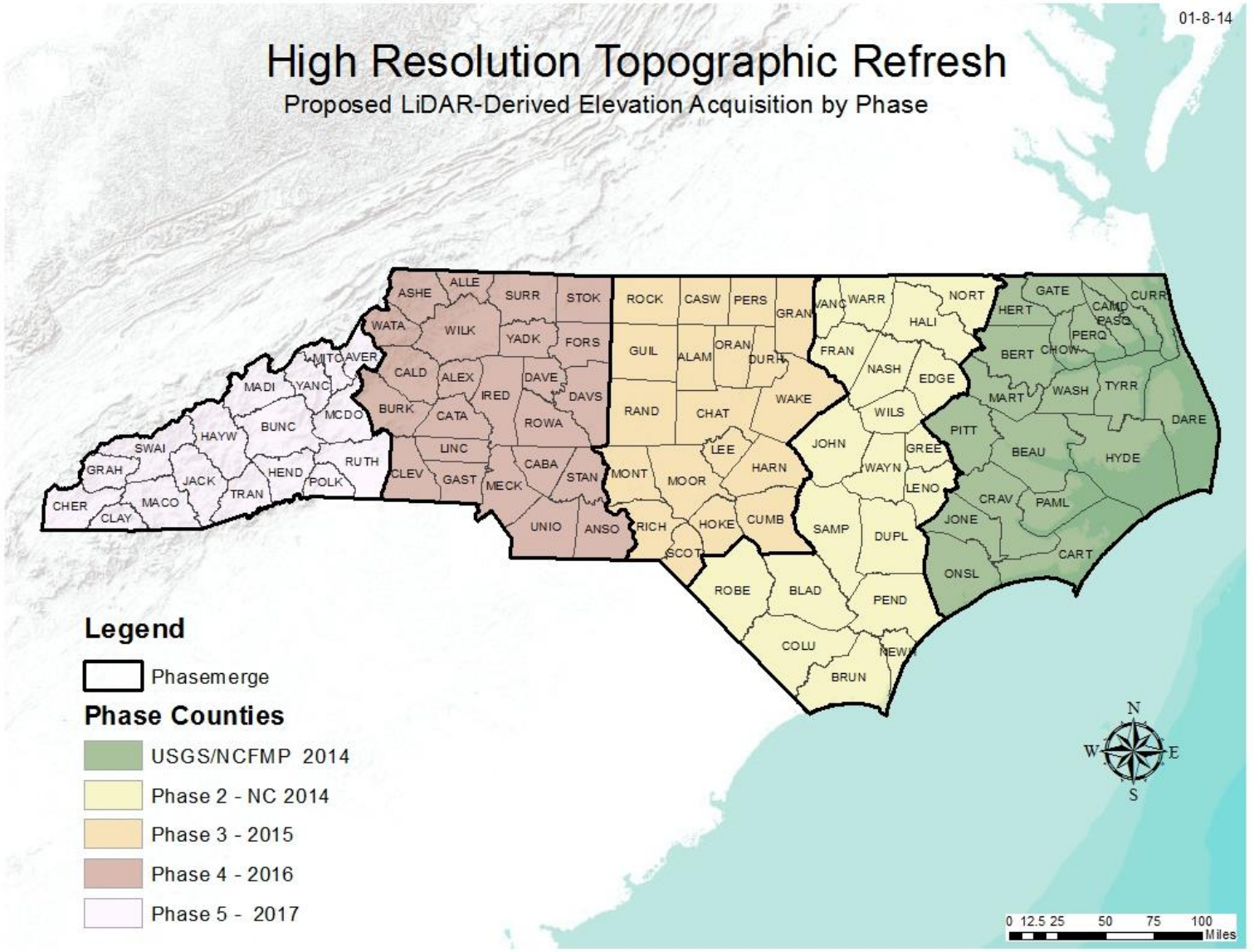
- 26 Counties
- Target acquisition Feb 1




NC OneMap Parcels
with Statewide Standardized Attributes
69 Darlington Ave, Wilmington, N
Show search results for 69 Darlington...
MARKET ST
MARKET ST
MERCER AVE
COWL AVE
DARLINGTON AVE
GUINEVERE LN
EXCALIBUR WAY
Beaumont Park
100m
300ft

Elevation Data

- LiDAR Phases 1-3 loaded in Spatial Data Download
- Digital elevation models now available
- Phases 4 and 5 in progress



Metadata

Problem: Implementation of the new state metadata standard in state and local governments need to be widespread

Context: State and Local Government Geospatial Metadata Profile based on ISO 19115-x was adopted (2014) and training began (2106). NC OneMap requires valid metadata.

Who: CGIA, Statewide Mapping Advisory Committee, ad hoc Metadata Committee, NC DOT, NC Central University

Approach: Continue in person hands-on training, develop online training modules, promote at professional conferences, follow up with data managers.

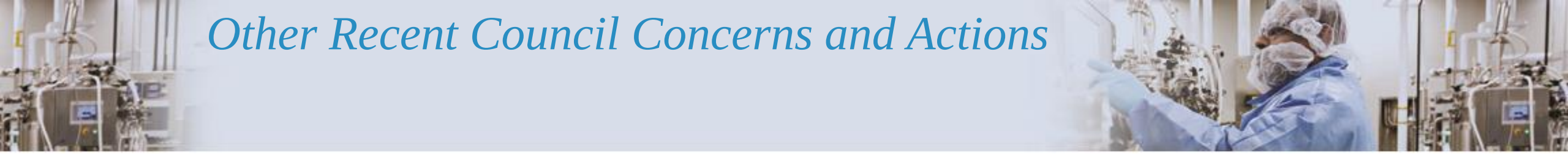
GIS and PLS

- Geospatial data development – define use cases where professional licensed surveyor is required
- Collaborate with NCBEES and surveyors to clarify GIS practice and surveying practice
- Council has responsibilities regarding GIS, public and private
  - Policies, strategies, standards and practices, data access
  - No enforcement authority
  - No state-specific GIS professional certification

Unmanned Aircraft Systems

- New technology, opportunities and risks
- Council – hear from people with responsibility and expertise
- NC GIS Conference – sessions on technology and regulation/state permitting
- Communicate with the GIS community

Other Recent Council Concerns and Actions



- Working Group for 2022 Reference Frame in progress
- *AddressNC* update in progress
- Plan to update data content standard for road centerlines
  - Working Group for Roads and Transportation

Follow @ncgisconference
Feb. 22-24, 2017
Raleigh, NC
NCGIS2017
30 rocks gis!
Register Now

Questions?/Comments!