Data Driven Collaboration – Discussion
NC Geographic Information Coordinating Council
February 14, 2018
Data Drives Collaboration in the GIS Community: the Framework

➢ Orthoimagery
➢ Elevation
➢ Roads
➢ Address points
➢ Parcel boundaries
➢ Jurisdictional boundaries
➢ Streams and water bodies
➢ Geodetic control
Good Data + Collaboration = Benefits for All

- Economic development
- Emergency management
- Transportation planning
- Forest management
- Precision farming
- State and local taxation
- Recreation
- And more
Council emphasis:
➢ Data Sharing
➢ Local – State connections
➢ Meeting business needs

Future focus:
➢ Next Generation 911
➢ Census 2020 and after
➢ Enterprise Geospatial Data Management
➢ Serving the public
NextGen 911

• All addresses
• Road network
• Emergency service boundaries
• Statewide consistency
Census 2020

• Addresses – residential and non-residential
• Complete population count
• Fair representation
• Fair allocation of federal funding
Characteristics of Statewide Geospatial Data

- Complete, consistent, current, documented
- Statewide scope
- Easy discovery and access
- Authoritative, trusted, curated
- Meet many business needs
Council Direction 2017-2018 and Beyond

Question 1: How can we collaborate to improve or expand statewide geospatial data?

Council discussion on November 8, 2017 covered this first question. Summary points for Question 1:
Council Discussion Q1: Challenges

• Addressing at the local level
• Aggregation of addresses, parcels, and roads statewide
• Translation of local data to a standard for content
• Documentation – metadata
• Comprehensive discovery of enterprise geospatial data including state and locally managed data
Council Discussion Q1: Constraints

• Local government data security policies – infrastructure
• Local data distribution policies vary
• Local adoption of data content standards difficult to achieve statewide; data management and business needs vary - risk of breaking local applications
Council Discussion Q1: Opportunities

• Expand the role of geospatial data in enterprise data management – collect location data with tabular data
• Make data sharing local-state more efficient
• Municipalities can communicate and share knowledge about “Smart Cities” solutions
• Keep up with changes in technology for data management and sharing
Focus On Data – Going Beyond

Good Data + Collaboration → Benefits
2. How can the Council support applications of geospatial data to meet business needs and the challenges ahead? (e.g., discovery/access, address validation, analytics)
3. What are ways to collaborate for more integration of geospatial data in information technology for expanded benefits? (e.g., asset management; standards)
4. How can the Council benefit your part of the GIS community in NC?
5. How can the Council do more to increase the value of geospatial data to the public?
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