NORTH CAROLINA
Department of Transportation

SMAC Update

April 14, 2021

NCDOT GIS announcements

- Contacts during GIS Manager interim:
  - Erin Lesh, ealesh@ncdot.gov
  - Sarah Wray, sbwray@ncdot.gov
- AASHTO GIS for Transportation Symposium
  - April 19 to 22, 2021
  - https://cvent.me/Nx3vWy
  - https://gis-t.transportation.org/

AASHTO 2021 GIS-T SYMPOSIUM
NAVIGATE TO TRUE NORTH
MINNEAPOLIS, MINNESOTA

Transportation Framework

- 1st quarter data release – February 15, 2021
- 2nd quarter data release – May 10, 2021
  - https://ncdot.maps.arcgis.com
  - https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx
  - Includes:
    - Road centerlines with major asset data by segment
    - Rail network, crossings and stations
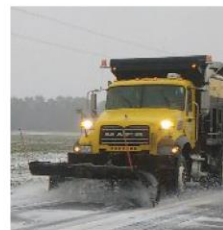   - Structure data – bridges and major signage

NCDOT 2021

- Review of Roadway Centerline GIS Data Requirements
  - Goals from this process are to:
    - Understand the current needs for the DOT road centerline
    - Ensure the DOT road centerline supports Federal and State statutes, mandates, and reporting requirements
  - Status
    - Interviews are complete
    - Use case documentation has begun
  - Will present findings to SMAC, including Local Government feedback

- Intersection Inventory
  - Ensure the DOT intersections support Federal and State statutes, mandates, and reporting requirements
  - Initially driven by traffic safety, Model Inventory of Roadway Elements (MIRE)

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