



The GIS Unit is pleased to announce the release of our 4th Quarter 2019 Publication data updates.

If you have any questions, please contact gishelp@ncdot.gov.

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Updated Data Sets

The following datasets were updated for the 4th Quarter:

NHSROUTES
ROADACCESSCONTROL
ROADBAREPVMNT
ROADFUNCTIONALCLASS
ROADPOSTEDROUTE
ROADUNPAVED
ROADSPEEDLIMIT
ROADFEDERALAID
ROADTRUCKNETWORK
NCROUTECHARACTERISTICS
NCROUTEARCS
NCROUTES
STRUCTURESPOINT
RAILROADTRACK
RAILROADFACILITY
RAILROADCROSSINGS

GIS Unit Products Affected by the Update

The following GIS Unit products will reflect the data updates:

Geospatial Web Services

[NCDOT Structures](#)
[NCDOT Bridges](#)
[NCDOT North Carolina Rail System](#)
[NCDOT North Carolina Railroads](#)
[NCDOT Road Characteristics](#)
[NCDOT State Maintained Roads](#)



- [NCDOT Access Control](#)
- [NCDOT Bare Pavement](#)
- [NCDOT Federal Aid Routes](#)
- [NCDOT Functional Class](#)
- [NCDOT MileMarker Hatching](#)
- [NCDOT NHS](#)
- [NCDOT Posted Roads - Light Traffic](#)
- [NCDOT Speed Limits](#)
- [NCDOT Truck Network](#)
- [NCDOT Unpaved Roads](#)
- [NCDOT Shields](#)

GO!NC/AGOL Web Maps

(available at <http://ncdot.maps.arcgis.com>)

- [NCDOT 2018-2027 STIP Map](#)
- [NCDOT Structures Map](#)
- [NCDOT Distance Hatches & Bridges Map](#)
- [NCDOT Bridges Map](#)
- [NCDOT Bridges, State Maintained Roads, and MPO/RPO Boundary Map](#)
- [NCDOT Access Control Map](#)
- [NCDOT Federal Aid Routes Map](#)
- [NCDOT Road Events Map](#)
- [NCDOT State Boundary Roadway Maintenance Status Change Map](#)
- [NCDOT State Maintained Network Map](#)
- [NCDOT State Maintained Roads, State Orthoimagery, and Parcels](#)
- [NCDOT RoadNC Viewer Map](#)
- [NCDOT Connecting North Carolina's Military and Families](#)

Downloadable Data

(available at <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>)

- [Structure Locations Statewide](#) (aka Bridges)
- [NCDOT Rail Track Shapefile](#)
- [NCDOT Rail Crossing Shapefile](#)
- [NCDOT Rail Facility Shapefile](#)
- [NCDOT Rail Layers Geodatabase](#)
- [Road Characteristics Arcs Shapefile](#)
- [Road Characteristics Arcs File Geodatabase](#)
- [NCRoutes Shapefile](#)
- [NCRoutes File Geodatabase](#)
- [NCRouteArcs Shapefile](#)
- [NCRouteArcs File Geodatabase](#)

Status of the Route Data

The following is the status of the route/road data provided at this quarterly data update:

Improvements:

1. Route Data Currency:

System roads (state maintained) are current through September 2019 for changes by NCDOT Petitions and Municipal Agreements process. Non-system roads (maintained by local governments) are up-to-date for Alamance (up-to-date as of 8/31/2017), Alexander (up-to-date as of 8/10/2018), Alleghany (up-to-date as of 8/7/2018), Avery (up-to-date as of 8/8/2018), Beaufort (up-to-date as of 3/13/2018), Bertie (up-to-date as of 3/15/2018), Bladen (up-to-date as of 3/13/2018), Brunswick (up-to-date as of 10/17/2017), Buncombe (up-to-date as of 4/2/2018), Burke (up-to-date as of 2/19/2018), Cabarrus (up-to-date as of 7/25/2017), Caldwell (up-to-date as of 8/6/2018), Camden (up-to-date as of 5/18/2018), Carteret (up-to-date as of 3/8/2018), Caswell (up-to-date as of 5/30/2018), Catawba (up-to-date as of 10/19/2017), Chatham (up-to-date as of 10/12/2017), Cherokee (up-to-date as of 9/19/2018), Chowan (up-to-date as of 5/21/2018), Clay (up-to-date as of 2/7/2019), Cleveland (up-to-date as of 3/28/2018), Columbus (up-to-date as of 9/26/2017), Craven (up-to-date as of 08/15/2017), Cumberland (up-to-date as of 7/25/2017), Currituck (up-to-date as of 5/16/2018), Dare (up-to-date as of 4/11/2018), Davidson (up-to-date as of 8/4/2017), Davie (up-to-date as of 10/24/2017), Duplin (up-to-date as of 11/30/2017), Durham (up-to-date as of 07/13/2017), EBCN Cherokee (up-to-date as of 9/17/2018), EBCN Graham (up-to-date as of 9/17/2018), EBCN Haywood (up-to-date as of 9/17/2018), EBCN Jackson (up-to-date as of 9/17/2018), Edgecombe (up-to-date as of 3/26/2018), Forsyth (up-to-date as of 10/19/2017), Franklin (up-to-date as of 11/15/2017), Gaston (up-to-date as of 12/1/2017), Gates (up-to-date as of 06/29/2017), Graham (up-to-date as of 9/21/2018), Granville (up-to-date as of 10/1/2017), Greene (up-to-date as of 3/28/2018), Guilford (up-to-date as of 7/26/2017), Halifax (up-to-date as of 9/27/2017), Harnett (up-to-date as of 7/27/2017), Haywood (up-to-date as of 8/1/2017), Henderson (up-to-date as of 3/29/2018), Hertford (up-to-date as of 5/22/2018), Hoke (up-to-date as of 12/15/2017), Hyde (up-to-date as of 5/15/2018), Iredell (up-to-date as of 11/1/2017), Jackson (up-to-date as of 9/5/2018), Johnston (up-to-date as of 8/25/2017), Jones (up-to-date as of 06/19/2017), Lee (up-to-date as of 11/7/2017), Lincoln (up-to-date as of 11/21/2017), Lenoir (up-to-date as of 3/15/2018), Macon (up-to-date as of 4/6/2018), Martin (up-to-date as of 3/26/2018), Mecklenburg (up-to-date as of 2/22/2018), Montgomery (up-to-date as of 2/19/2018), Moore (up-to-date as of 10/3/2017), Nash (up-to-date as of 03/09/2017), New Hanover (up-to-date as of 3/29/2018), Northampton (up-to-date as of 5/30/2018), Onslow (up-to-date as of 12/3/2017), Orange (up-to-date as of 8/31/2017), Pamlico (up-to-date as of 01/27/2017), Pasquotank (up-to-date as of 5/21/2018), Pender (up-to-date as of 12/14/2017), Person (up-to-date as of 5/23/2018), Perquimans (up-to-date as of 7/23/2018), Pitt (up-to-date as of 3/23/2018), Polk (up-to-date as of 8/23/2018), Randolph (up-to-date as of 10/10/2017), Richmond (up-to-date as of 3/14/2018), Robeson (up-to-date as of 3/20/2018), Rockingham (up-to-date as of 3/20/2018), Rowan (up-to-date as of 10/18/2017), Rutherford (up-to-date as of 8/14/2018), Scotland (up-to-date as of 12/15/2017), Sampson (up-to-date as of 6/20/2018), Stanly (up-to-date as of 10/4/2017), Stokes (up-to-date as of 7/23/2018), Surry (up-to-date as of 3/21/2018), Swain (up-to-date as of 8/31/2018), Transylvania (up-to-date as of 2/7/2019), Tyrell (up-to-date as of 5/16/2018), Union (up-to-date as of 11/3/2017), Vance (up-to-date as of 11/16/2017), Wake (up-to-date as of 8/29/2017), Warren (up-to-date as of 11/20/2017),

Washington (up-to-date as of 3/27/2018), Watauga (up-to-date as of 8/7/2018), Wayne (up-to-date as of 9/25/2017), Wilkes (up-to-date as of 7/9/2018), Wilson (up-to-date as of 3/21/2018), Yadkin (up-to-date as of 10/2/2017) and Yancey (up-to-date as of 8/29/2018).

Non-System Route Data Updated This Quarter:

Ashe (up-to-date as of 4/16/2019), Cabarrus (up-to-date as of 8/1/2019), Chatham (up-to-date as of 7/11/2019), Columbus (up-to-date as of 9/12/2019), Davidson (up-to-date as of 9/16/2019), Durham (up-to-date as of 8/14/2019), Forsyth (up-to-date as of 7/11/2019), Harnett (up-to-date as of 7/11/2019), Lee (up-to-date as of 8/6/2019), McDowell (up-to-date as of 8/16/2019), Mitchell (up-to-date as of 8/17/2019), Moore (up-to-date as of 9/12/2019), Orange (up-to-date as of 8/22/2019), Randolph (up-to-date as of 9/12/2019), Wake (up-to-date as of 8/14/2019)

2. The gap in NS-97450 (50097450097) in Wayne County was fixed.

Known Issues:

1. There are several small gaps in I-73 in Richmond County (10000073077) between mileposts 1.14 and 2.906. These sections are currently numbered as US-220 (20000220077) and will be corrected in a future publication.