

The GIS Unit is pleased to announce the release of our Second Quarter 2017 Publication updates.

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

Updated Data Sets

The following data sets were updated this quarter:

1. Bridges/Structures
2. Rail System
3. NC Route Characteristics
4. NC Routes (pka LRS Routes)
5. NC Route Arcs (pka LRS Arcs)

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 Mile Marker Hatching](#)
- [NCDOT NHS](#)
- [NCDOT Posted Roads - Light Traffic](#)
- [NCDOT Speed Limits](#)
- [NCDOT Truck Network](#)
- [NCDOT Unpaved Roads](#)
- [NCDOT ShieldsQtr](#)

GO!NC/AGOL Web Maps

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

[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 2016-2025 STIP](#)

[NCDOT Draft STIP 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](#)

SDV Desktop and SDV Online Layers

Bridges

Bridges (Table) (SDV Online Only)

Rail System

Railroad (Reference)

Access Control

Bare Pavement (Snow Removal)

Bare Pavement (Snow Removal) (table) (SDV Online Only)

Federal Aid Routes

Functional Class

Functional Class (table) (SDV Online Only)

NC Truck Network

Milemarker Hatching

NHS (National Highway System)

NHS (National Highway System) (table) (SDV Online Only)

Posted Roads (Light Traffic)

Posted Roads (Light Traffic) (table) (SDV Online Only)

Road Characteristics

Road Characteristics (table) (SDV Online Only)

Route Shields

Speed Limit

Speed Limit (table) (SDV Online Only)

State Maintained Roads

State Maintained Roads (table) (SDV Online Only)

Unpaved Roads

Unpaved Roads (table) (SDV Online Only)

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 Track File Geodatabase](#)

[NCDOT Rail Crossing Shapefile](#)

[NCDOT Rail Crossings File Geodatabase](#)

[NCDOT Rail Facility Shapefile](#)

[NCDOT Rail Facility File Geodatabase](#)

[Road Characteristics Arcs Shapefile](#)

[Road Characteristics Arcs File Geodatabase](#)

[NCRoutes Shapefile](#)

[NCRoutes File Geodatabase](#)

[NCRouteArcs Shapefile](#)

[NCRouteArcs File Geodatabase](#)