

The GIS Unit is pleased to announce the release of our First Quarter 2026 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:

BoundaryCountyArc
BoundaryCountyPolygon
NCRouteArcs
NCRouteCharacteristics
NCRoutes
NHSRoutes
RoadAccessControl
RoadBarePvmnt
RoadFederalAid
RoadFunctionalClass
RoadPostedRoute
RoadSpeedLimit
RoadUnpaved
RoadFederalAid
RailroadCrossings
RailroadTrack
RailroadFacility
StructuresPoint
StructuresPolygon

Schema Updates

No schema updates for this quarter

GIS Unit Products Affected by the Update

The following GIS Unit products will reflect the data updates:

Geospatial Web Services

- [NCDOT District Boundaries](#)
- [NCDOT Division Boundaries](#)
- [NCDOT County Boundaries](#)
- [NCDOT County Boundaries Shoreline](#)
- [NCDOT Structures](#)
- [NCDOT Bridges](#)
- [NCDOT MPO & RPO Boundaries](#)
- [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 MilePost Hatching](#)
- [NCDOT NHS](#)
- [NCDOT Posted Roads - Light Traffic](#)
- [NCDOT Speed Limits](#)
- [NCDOT Unpaved Roads](#)
- [NCDOT Shields](#)

GO!NC/AGOL Web Maps

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

- [NCDOT 2021-2029 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 Layers Geodatabase](#)

[Road Characteristics Arcs File Geodatabase](#)

[NCRoutes File Geodatabase](#)

[NCRouteArcs File Geodatabase](#)

Status of the Route Data

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

Route Data Updated this Quarter:

This layer is a visual representation of public roads in North Carolina.

State-maintained roads are current through March 2026 for changes by NCDOT Petitions and Municipal Agreements processes. Other state-maintained construction projects that were processed this quarter are listed in this chart:

Document Number	Effective Year	Product	Description	County
COR_009_02-26_1	1961	Correction	SR 1553	BLADEN
COR_092_12-25_1	2025	Correction	SR 5934	WAKE
HTO_076_10-22	2022	HTO	US 64, US 64 BUS, NC 42, NC 49, SR 1145, 1160, 1198, 1202, 1271, 1272, 1273, 1274, 1275, 1276, 1279, 1325, 1326, 1424, 1425, 1634, 1708, 2079, 2394, 2604, 2666, 2692, 2713, 2725, 2739, 2827, 2828, 2834, 2839, 2926, 2930, 2954, 2987, 2994, 3007, 3008, 3009, 3010, 3011, 3014, 3015, 3016, 9000	RANDOLPH
HTO_051_12-25	2025	HTO	I 42, US 70, US 70 BUS, NC 36, NC 42, SR 1560, 3908, 9000	JOHNSTON
HTO_092_12-25	2025	HTO	I 42, US 70, US 70 BUS	WAKE
LRS_20005_03-26	1934	LRS Change	SR 1365	CARTERET
LRS_17369_01-26	1936	LRS Change	SR 1212	HENDERSON
LRS_17351_02-26	1945	LRS Change	SR 1730	JACKSON
LRS_17364_01-26	1947	LRS Change	SR 1130	CURRITUCK
LRS_17404_02-26	1947	LRS Change	SR 1362	TRANSYLVANIA
LRS_17330_01-26	1949	LRS Change	SR 1101	CAMDEN
LRS_17026_02-26	1951	LRS Change	SR 1745	HENDERSON
LRS_17359_02-26	1951	LRS Change	SR 1418	JACKSON
LRS_17183_02-26	1953	LRS Change	SR 1676	MACON



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LRS_17356_02-26	1953	LRS Change	SR 1371	JACKSON
LRS_17333_01-26	1957	LRS Change	SR 1107	DARE
LRS_17131_02-26	1966	LRS Change	SR 1135	COLUMBUS
LRS_17182_03-26	1967	LRS Change	SR 1693	MACON
LRS_17146_03-26	1971	LRS Change	SR 1341	BEAUFORT
LRS_17355_02-26	1972	LRS Change	SR 1510	JACKSON
LRS_17363_01-26	1975	LRS Change	SR 1472	SURRY
LRS_13914_02-26	1978	LRS Change	SR 1606, 1607, 1688	CLEVELAND
LRS_16623_02-26	1979	LRS Change	SR 1826	NASH
LRS_7649_01-26	1980	LRS Change	SR 1354, 1396	ASHE
LRS_17443_02-26	1981	LRS Change	SR 1144	BRUNSWICK
LRS_20008_03-26	1982	LRS Change	SR 2087	ROCKINGHAM
LRS_16664_02-26	1986	LRS Change	SR 1203	SAMPSON
LRS_17374_02-26	1986	LRS Change	SR 1640	CHEROKEE
LRS_17463_03-26	1988	LRS Change	SR 1426	PASQUOTANK
LRS_1624_03-26	1994	LRS Change	SR 1219	DARE
LRS_16673_02-26	1997	LRS Change	SR 1600	EDGEcombe
LRS_3455_01-26	1997	LRS Change	SR 1599	YADKIN
LRS_20001_03-26	1998	LRS Change	SR 1442	DAVIDSON
LRS_17250_02-26	1999	LRS Change	SR 1582	YADKIN
LRS_17259_02-26	1999	LRS Change	SR 1359	ASHE
LRS_17334_02-26	2000	LRS Change	SR 1303	PASQUOTANK
LRS_17101_03-26	2001	LRS Change	SR 1203	TYRRELL
LRS_14215_02-26	2005	LRS Change	US 301, NC 125, NC 301, NC 561, NC 903	HALIFAX
LRS_17379_02-26	2010	LRS Change	SR 2326, 2327, 2473	ALAMANCE
LRS_13913_01-26	2020	LRS Change	SR 1458, 1676	ANSON
LRS_16792_02-26	2022	LRS Change	SR 1257	DARE
LRS_16660_02-26	2024	LRS Change	SR 1110, 6108	WAKE
LRS_17002_01-26	2025	LRS Change	SR 1644, 1675	CRAVEN
LRS_17324_02-26	2025	LRS Change	SR 2210	RUTHERFORD
LRS_17057_03-26	2026	LRS Change	SR 1214	HAYWOOD
LRS_17352_03-26	2026	LRS Change	SR 1164	JACKSON
LRS_17383_02-26	2026	LRS Change	SR 1492, 2997, 3450, 3452, 3453, 3454, 3455, 3488, 3489, 3490, 3491, 3492	FORSYTH
SS-4906BG	2012	TIP	SR 1820, 1878	COLUMBUS
W-5206I	2014	TIP	SR 1132, 1141, 1169	CUMBERLAND
R-5740	2022	TIP	SR 1329	PERQUIMANS
R-3100A	2023	TIP	SR 1803, 1810	CATAWBA
W-5804B	2024	TIP	NC 43, SR 1500	NASH
B-5846	2025	TIP	SR 1892, 2001	IREDELL
B-5947	2025	TIP	NC 581	NASH
HE-0005	2025	TIP	SR 4156, 4156, 5612, 5613	GUILFORD



HE-0011	2025	TIP	SR 1388	CHATHAM
R-2707C	2025	TIP	NC 180, SR 1827, 1842, 1843, 1852, 1898, 1927, 2068, 2155, 9000	CLEVELAND
W-5702M	2025	TIP	SR 1709, 1711, 2548	PITT
W-5705H	2025	TIP	SR 2506, 2509, 6506	WAKE
W-5710AH	2025	TIP	NC 200, SR 1125, 1137, 1201	UNION
W-5712R	2025	TIP	SR 1343, 3132	LINCOLN

Non-System Route Data Updated This Quarter:

All represented non-state-maintained roads are updated using datasets maintained by local governments and other non-state agencies. They are reflective of the agency’s last uploaded datasets. This chart indicates the last time each entity was updated for non-system and other non-state-maintained routes.

County	Last Updated	Updated this Quarter
Alamance	1/17/2025	
Alexander	2/11/2025	
Alleghany	2/20/2025	
Anson	2/27/2025	
Ashe	7/11/2025	
Avery	1/25/2021	
Beaufort	8/13/2025	
Bertie	5/2/2025	
Bladen	2/28/2025	
Brunswick	8/9/2025	yes
Buncombe	1/9/2025	
Burke	8/1/2024	
Cabarrus	9/13/2024	
Caldwell	3/27/2025	
Camden	11/20/2024	
Carteret	11/20/2024	
Caswell	2/18/2025	
Catawba	7/31/2025	
Chatham	12/9/2024	
Cherokee	11/7/2025	
Chowan	4/24/2025	
Clay	3/6/2025	
Cleveland	8/13/2025	
Columbus	11/6/2024	
Craven	11/6/2023	
Cumberland	1/24/2025	
Currituck	9/12/2025	
Dare	12/10/2025	yes

County	Last Updated	Updated this Quarter
Lee	12/10/2025	yes
Lenoir	2/5/2020	
Lincoln	1/24/2025	
Macon	7/2/2025	
Madison	6/10/2025	
Martin	10/3/2025	
McDowell	2/12/2026	yes
Mecklenburg	9/23/2024	
Mitchell	8/21/2025	
Montgomery	4/9/2025	yes
Moore	12/3/2025	yes
Nash	3/1/2025	
New Hanover	1/28/2025	
Northampton	8/21/2025	
Onslow	3/25/2025	
Orange	12/9/2024	
Pamlico	2/12/2025	
Pasquotank	8/9/2024	yes
Pender	4/1/2025	
Perquimans	9/16/2022	yes
Person	3/25/2025	
Pitt	6/16/2025	yes
Polk	10/9/2025	
Randolph	9/3/2024	
Richmond	8/8/2025	
Robeson	8/22/2025	
Rockingham	11/5/2024	
Rowan	3/19/2025	

Davidson	1/9/2025	
Davie	11/16/2024	
Duplin	12/10/2025	yes
Durham	1/28/2025	
Edgecombe	9/30/2025	
Forsyth	11/13/2025	
Franklin	2/5/2026	yes
Gaston	1/17/2025	
Gates	9/15/2025	
Graham	9/12/2025	
Granville	10/31/2023	
Greene	12/18/2025	yes
Guilford	3/27/2024	
Halifax	11/21/2024	
Harnett	8/11/2024	
Haywood	9/24/2025	yes
Henderson	11/14/2025	
Hertford	11/6/2023	
Hoke	9/19/2024	
Hyde	7/29/2024	
Iredell	9/12/2024	
Jackson	4/8/2024	
Johnston	9/3/2024	
Jones	2/6/2023	

Rutherford	8/15/2025	
Sampson	11/4/2024	
Scotland	1/27/2025	
Stanly	10/19/2023	
Stokes	3/4/2026	yes
Surry	2/7/2025	yes
Swain	6/17/2025	yes
Transylvania	6/26/2024	
Tyrrell	8/8/2025	
Union	3/4/2026	yes
Vance	4/23/2025	
Wake	2/9/2023	
Warren	6/4/2025	yes
Washington	5/1/2023	
Watauga	2/26/2024	yes
Wayne	6/24/2024	
Wilkes	5/9/2022	
Wilson	8/8/2022	
Yadkin	7/9/2025	
Yancey	8/15/2025	
EBCN Cherokee	9/17/2018	
EBCN Graham	9/21/2018	
EBCN Haywood	9/17/2018	
EBCN Jackson	9/17/2018	

Known Issues:

- Measure Issues
 - 40001949018 - Measures 0.168455-0.210794
 - 40003192011 - Multiple locations
 - 80000430064 – begin 0.550519 end 0.57688/80000427064 begin 0.720418 end 0.974673
 - 80007152018 – begin 0.490121 end 1.160062/80007160018 begin 0.828031 end 1.497971
 - 40001147043 - Multiple locations
 - 40001346090 – Measure 1.519332/ 1.519332
 - 40001605099 - Measure 7.553901/ 7.458895
 - 40401605099 - Measure 6.053371/ 6.053371
- Route Hierarchy Issues
 - 80007152018 - begin 0.490121 end 1.160062/80007160018 begin 0.421 end 1.497971
 - 80007154018 - begin 0.867076 end 1.526513/80007161018 begin 0.421371 end 0.748295
 - 80004251041 - begin 0.971671 end 1.009/80004254041 begin 0.3 end 0.338
- Inventory Issues:

- 40601820041 inventory coding, should be 4 – Non-inventory
- Route Maintenance County Issues:
 - 30400018023 – Measure 0.404567 to 0.918563 should be 30400018055
- Route Dominance Issues
 - 30400018023 (30400018055) – Measure 0.404567 to 0.918563 should be Route 2.
 - 30000018055 – Measure 0.000341 to 0.514551 should be Route 1:

Improvements:

No improvements to report this quarter.

If you have any questions, please contact gishelp@ncdot.gov.
<https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>