



# The New County Map

## PRODUCT OVERVIEW

- Produced to support road maintenance activities with the first version published in 1930.
- Map shows state-maintained roads with labels and mileages, bridges, municipal and county boundaries, along with cultural and environmental features.
- Developed from the state road linework data published quarterly by the GIS Unit.
- Three mapping scales available for Counties:
  - ❖ County-wide – 1:126,720
  - ❖ Enhanced 4x – 1:31,680 – (> 99% of state)
  - ❖ Enhanced 8x – 1:15,840 (< 1% of state)
- Both the most current county map and historic versions are hosted on the NCDOT Connect webpage <https://connect.ncdot.gov/resources/State-Mapping/Pages/County-Bridge-Maps.aspx>
- A Bridge Map companion product is published with content more specific to bridge structures and non-NBIS pipes to support their maintenance.

## WHY THE MAP CHANGED

- A required change in the production software to ArcGIS Pro initiated a review of the map.
- Survey of users indicated interest in updating the product.
- A steering committee of NCDOT staff with representatives from all 14 divisions provided feedback on design ideas and proposed changes.

## MAP ORDERS

The following options are available for ordering the new county map:

Phone: 919-835-8480

Online: <https://connect.ncdot.gov/resources/State-Mapping/Pages/Ordering-Maps.aspx>

Email: [mappingsupport@ncdot.gov](mailto:mappingsupport@ncdot.gov)

## PRODUCT CHANGES

- Larger sheet size (36"x24" vs the original 32"x 20").
- All "North-Up" maps eliminate map rotations.
- Package each county's map sheets into one PDF file.
- Added street names (Most roads 1+ miles at 4x scale).
- Expanded 4x coverage to cover all state-maintained roads.
- More sheets. Enhanced map scale resulted in a 50% increase in the total number of sheets to map the state. Sheet number differences will vary by County.
- Primary routes now shown in the following colors:
  - ❖ Interstate – Red
  - ❖ US - Green
  - ❖ NC – Blue
- For faster identification, added colored fills for natural areas and reservations.
- Divided highways are more easily identifiable.
- Added NC roads, municipal boundaries, and county boundaries within 1.5 miles around each county.
- Removed SR and mileage labels from the County-wide map as this info is part of the Enhanced map scales.

## ONE SHEET COUNTY MAPS & FEEDBACK

- In addition to the outlined changes to the county map sheets, "One Sheet" maps, a new product, are now on NCDOT's [Connect](https://connect.ncdot.gov) website. Ideal for digital usage, "One Sheet" combines Enhanced 4x and 8x scale content for a county on a single page in a "Layered" PDF. **Note:** Due to large page sizes, these maps may not be available for printing (See next page for sizes.).
- Feedback is welcomed on the county map and One Sheet products. Email feedback to [mappingsupport@ncdot.com](mailto:mappingsupport@ncdot.com).



## One Sheet Map Dimensions

DOT Div	County	Pdf Width (ft)	Pdf Height (ft)
7	Alamance	4.0	5.0
12	Alexander	5.0	3.5
11	Alleghany	5.0	3.3
10	Anson	5.0	5.0
11	Ashe	5.0	4.2
11	Avery	3.8	4.8
2	Beaufort	7.3	6.3
1	Bertie	7.1	5.3
6	Bladen	7.1	5.8
3	Brunswick	8.3	6.4
13	Buncombe	7.1	5.2
13	Burke	6.2	5.3
10	Cabarrus	5.0	4.0
11	Caldwell	5.0	4.6
1	Camden	6.4	5.0
2	Carteret	10.8	7.0
7	Caswell	5.0	3.8
12	Catawba	6.1	3.8
8	Chatham	6.7	5.0
14	Cherokee	6.8	4.0
1	Chowan	4.1	4.4
14	Clay	5.3	2.2
12	Cleveland	4.6	5.2
6	Columbus	8.8	6.5
2	Craven	8.2	7.2
6	Cumberland	6.1	5.2
1	Currituck	5.8	6.2
1	Dare	5.8	12.5
9	Davidson	5.0	6.3
9	Davie	4.2	4.0
3	Duplin	5.8	6.1
5	Durham	4.1	5.3
4	Edgecombe	5.0	5.8

DOT Div	County	Pdf Width (ft)	Pdf Height (ft)
9	Forsyth	5.4	4.0
5	Franklin	7.1	5.8
12	Gaston	5.4	3.8
1	Gates	5.3	3.3
14	Graham	4.9	3.0
5	Granville	4.6	7.9
2	Greene	3.5	3.8
7	Guilford	6.7	5.0
4	Halifax	7.6	6.0
6	Harnett	6.7	4.8
14	Haywood	5.3	6.3
14	Henderson	5.0	4.4
1	Hertford	5.1	3.9
8	Hoke	5.0	4.6
1	Hyde	8.7	7.5
12	Iredell	4.4	7.1
14	Jackson	4.8	6.3
4	Johnston	6.9	6.9
2	Jones	6.7	5.5
8	Lee	4.6	4.4
2	Lenoir	4.4	5.2
12	Lincoln	6.3	2.7
14	Macon	6.3	4.6
13	Madison	5.4	4.6
1	Martin	6.3	5.0
13	McDowell	5.4	5.3
10	Mecklenburg	5.3	6.3
13	Mitchell	4.5	4.2
8	Montgomery	5.6	4.7
8	Moore	6.4	5.8
4	Nash	5.8	5.8
3	New Hanover	3.8	7.5
1	Northampton	8.0	4.8

DOT Div	County	Pdf Width (ft)	Pdf Height (ft)
3	Onslow	6.1	6.8
7	Orange	4.0	5.0
2	Pamlico	5.3	4.7
1	Pasquotank	4.8	5.4
3	Pender	7.5	5.4
1	Perquimans	4.5	4.3
5	Person	4.3	3.8
2	Pitt	6.5	6.2
14	Polk	4.1	2.9
8	Randolph	5.8	5.0
8	Richmond	6.1	4.8
6	Robeson	6.5	7.9
7	Rockingham	5.8	4.0
9	Rowan	6.7	5.0
13	Rutherford	6.3	5.4
3	Sampson	5.6	9.0
8	Scotland	3.8	5.0
10	Stanly	4.6	4.4
9	Stokes	5.0	4.0
11	Surry	5.3	4.6
14	Swain	8.3	5.0
14	Transylvania	4.8	5.0
1	Tyrrell	4.9	5.3
10	Union	5.7	5.2
5	Vance	3.8	4.6
5	Wake	7.7	7.1
5	Warren	5.0	4.8
1	Washington	5.1	4.3
11	Watauga	5.0	3.5
4	Wayne	5.0	5.3
11	Wilkes	6.7	5.4
4	Wilson	5.0	3.6
11	Yadkin	5.0	3.5
13	Yancey	3.8	5.1

**Note:** Ideal for digital consumption, “One-Sheet” dimensions where both length and width exceed 5 ft may not be available for print. Contact us for more information.