

# Public Road Routes, 4th Quarter 2021 - NC Department of Transportation

SDE Feature Class



## Tags

Centerline, Division, SR, Primary, transportation, US, State maintained roads, Highways, NC, Roads, Major Roads, North Carolina, Interstate, Streets, Transportation, Secondary, County

## Summary

This layer is a visual representation of public roads in North Carolina. State maintained routes are current through September 2021 for changes by NCDOT Petitions and Municipal Agreements process. For more detailed information about system and non-system road data please refer to the documentation using the link in the Distribution section. Other information concerning known route issues and improvements is found in Supplemental Information/ Resource Details section.

## Description

An arc layer for visual representation of statewide road centerlines on publicly accessible roads segmented by road intersections and street names. The state road system is comprised of Interstate, US, NC, Secondary Routes, and Ramps. Each arc/record is split where road characteristics change along a route. This dataset supports the Federal Highway Administration's (FHWA) data requirements for the Highway Performance Monitoring System (HPMS). HPMS is a national level highway information system that includes data on the extent, condition, performance, use, and operating characteristics of the Nation's highways. States are required to submit an HPMS report to FHWA annually. This dataset also contains projected routes, generalized locations of routes that will become part of the National Highway System (NHS) when they are built. The non-system roads are consumed and conflated from authoritative sources, including local (i.e. county), state (i.e. parks) and federal (i.e. Forest Service) entities. This dataset is updated daily. Data quality is tracked using the revision document fields (GeoDocType and GeoDocId). Legacy data are coded as not verified in the GeoDocType field. The geometry and spatial location of new data is verified with the most current information available (i.e aerial imagery).

## Credits

Spatial Data Management Group - Product creation; Data Conversion Group – System geometry, mileage, events; Local County Government – Non-system geometry

## Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

## Extent

**West** -84.421464    **East** -75.418363  
**North** 36.615122    **South** 33.733304

## Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

CONTENT TYPE Downloadable Data

PLACE KEYWORDS Division, North Carolina, County

THESAURUS ▶

TITLE User

PUBLICATION DATE 2021-11-08 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS transportation

THESAURUS ▶

TITLE ISO 19115 Topic Categories

PUBLICATION DATE 2021-11-08 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS Centerline, SR, Primary, US, State maintained roads, Highways, NC, Roads, Major Roads, Interstate, Streets, Secondary

THESAURUS ▶

TITLE User

PUBLICATION DATE 2021-11-08 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS Transportation

THESAURUS ▶

TITLE ISO 19115 Topic Category

PUBLICATION DATE 2021-11-08 00:00:00

*Hide Thesaurus ▲*

*Hide Topics and Keywords ▲*

## Citation ▶

TITLE Public Road Routes, 4th Quarter 2021 - NC Department of Transportation

PUBLICATION DATE 2021-11-08 00:00:00

PRESENTATION FORMATS digital map

*Hide Citation ▲*

## Citation Contacts ►

### RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit  
CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE originator

### CONTACT INFORMATION ►

#### PHONE

VOICE 919.707.2165  
FAX 919.707.2210

#### ADDRESS

DELIVERY POINT 4101 Capital Blvd.  
CITY Raleigh  
ADMINISTRATIVE AREA North Carolina  
POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

## Resource Details ►

DATASET LANGUAGES English (UNITED STATES)  
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS under development  
SPATIAL REPRESENTATION TYPE vector

### SUPPLEMENTAL INFORMATION

This file should not be used for routing.

#### Known Issues:

- An incorrect length is listed for 20600264074. It is listed as 35.29 miles and should be 34.45. This should be corrected in Q1 2022.
- An incorrect length is listed for 40001655047. It is listed as 0.47 miles and should be 0.38. This should be corrected in Q1 2022.

If you have any questions, please contact [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov).

PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

### CREDITS

Spatial Data Management Group - Product creation; Data Conversion Group – System geometry, mileage, events; Local County Government – Non-system geometry

### ARCGIS ITEM PROPERTIES

NAME NCRoutes

[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.421752  
EAST LONGITUDE -75.418246  
SOUTH LATITUDE 33.7333  
NORTH LATITUDE 36.617735

#### VERTICAL EXTENT

MINIMUM VALUE -59.6  
MAXIMUM VALUE 6577.4

### EXTENT

#### DESCRIPTION

Unknown

#### TEMPORAL EXTENT

DATE AND TIME 2021-11-08 00:00:00

#### VERTICAL EXTENT

MINIMUM VALUE -59.6  
MAXIMUM VALUE 6577.4

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.421752  
EAST LONGITUDE -75.418246  
SOUTH LATITUDE 33.7333  
NORTH LATITUDE 36.617735

EXTENT CONTAINS THE RESOURCE Yes

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -84.421464  
\* EAST LONGITUDE -75.418363  
\* NORTH LATITUDE 36.615122  
\* SOUTH LATITUDE 33.733304

\* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 406980.080272  
\* EAST LONGITUDE 3051823.000288  
\* SOUTH LATITUDE 35982.805072  
\* NORTH LATITUDE 1042848.119824  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

### POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit  
CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

##### PHONE

VOICE 919.707.2165  
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COUNTRY US  
E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

#### RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

#### LEGAL CONSTRAINTS

##### LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

#### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

##### LIMITATIONS OF USE

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#### CONSTRAINTS

##### LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

## Spatial Reference ►

#### ARCGIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet

\* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102719

X ORIGIN -121841900

Y ORIGIN -93659000

XY SCALE 1893.9393939393938

Z ORIGIN -100000

Z SCALE 9.9999999999999982

M ORIGIN -100000

M SCALE 10000000

XY TOLERANCE 0.00528

Z TOLERANCE 0.20000000000000004

M TOLERANCE 9.9999999999999995e-007

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

VCSWKID 105703

LATESTVCSWKID 6360

WELL-KNOWN TEXT

PROJCS["NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet",GEOGCS["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER["False\_Easting",2000000.002616666],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-

79.0],PARAMETER["Standard\_Parallel\_1",34.33333333333334],PARAMETER["Standard\_Parallel\_2",36.16666666666666],PARAMETER["Latitude\_Of\_Origin",33.75],UNIT["Foot\_US",0.3048006096012192]],VERTCS["NAVD\_1988\_Foot\_US",VDATUM["North\_American\_Vertical\_Datum\_1988"],PARAMETER["Vertical\_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot\_US",0.3048006096012192]]

REFERENCE SYSTEM IDENTIFIER

VALUE 2264

CODESPACE EPSG

VERSION 6.12(9.0.0)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME NCRoutes

\* OBJECT TYPE composite

\* OBJECT COUNT 373071

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRoutes

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 373071

\* SPATIAL INDEX TRUE

\* LINEAR REFERENCING TRUE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶  
RESOURCE LEVEL **dataset**

[Hide Scope of quality information ▲](#)

[Hide Data Quality ▲](#)

## Lineage ▶

PROCESS STEP ▶  
WHEN THE PROCESS OCCURRED 2021-11-08 00:00:00  
DESCRIPTION  
Metadata updated and dataset copied to web.

PROCESS CONTACT  
ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit  
CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE processor

CONTACT INFORMATION ▶  
PHONE  
VOICE 919.707.2165  
FAX 919.707.2210

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DELIVERY POINT 4101 Capital Blvd.  
CITY Raleigh  
ADMINISTRATIVE AREA North Carolina  
POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

HOURS OF SERVICE  
8am to 5pm, M-F

CONTACT INSTRUCTIONS  
Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ▶  
WHEN THE PROCESS OCCURRED 2021-11-08 00:00:00  
DESCRIPTION  
Data Conversion Group maintains the NCDOT LRS in a geodatabase.

PROCESS CONTACT  
ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE processor

CONTACT INFORMATION ▶

PHONE

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HOURS OF SERVICE

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CONTACT INSTRUCTIONS

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2021-11-08 00:00:00

DESCRIPTION

Run internal program to create product.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit  
CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE processor

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165  
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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)



[Hide Process step ▲](#)

SOURCE DATA ▶

DESCRIPTION

Data was originally acquired through digitizing of USGS 7.5 quad maps with scales of 1:24,000 and refined and updated using 1993 and 1998 DOQQ's.

RESOLUTION OF THE SOURCE DATA

SCALE DENOMINATOR 24000

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

**Distribution** ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME Feature Class

VERSION 10.5.1

DISTRIBUTION FORMAT

NAME Shape file

VERSION 10.5.1

## Fields ►

### DETAILS FOR OBJECT NCRoutes ►

- \* TYPE Feature Class
- \* ROW COUNT 373071

#### DEFINITION

A collection of geographic features with the same geometry type (such as point, line, or polygon), the same attributes, and the same spatial reference.

#### DEFINITION SOURCE

ESRI

### FIELD RouteInventory ►

- \* ALIAS RouteInventory
- \* DATA TYPE String
- \* WIDTH 1
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

Route direction code - dominant route direction

#### DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

#### LIST OF VALUES

VALUE 0

DESCRIPTION Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 4

DESCRIPTION Non-Inventory (Southbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 9

DESCRIPTION Non-Inventory (Counterclockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 8

DESCRIPTION Inventory (Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

### Hide Field RouteInventory ▲

### FIELD RouteQualifier ►

- \* ALIAS RouteQualifier
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

Route primary code - dominant route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 6

DESCRIPTION West Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 9

DESCRIPTION Business Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 5

DESCRIPTION East Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 0

DESCRIPTION Normal Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 8

DESCRIPTION Truck Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 1

DESCRIPTION Alternate Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 2

DESCRIPTION Bypass Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7

DESCRIPTION Connector Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 82

DESCRIPTION Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

*Hide Field RouteQualifier ▲*

FIELD BeginMP ►

\* ALIAS BeginMP

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP ▲](#)

FIELD [RouteMaintCode ▶](#)

\* ALIAS RouteMaintCode

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route status code represents maintenance status of the dominant route

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE System

DESCRIPTION System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

VALUE Non-System

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

[Hide Field RouteMaintCode ▲](#)

FIELD [OBJECTID ▶](#)

\* ALIAS OBJECTID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 10

\* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD [EndMP ▶](#)

\* ALIAS EndMP

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP ▲](#)

FIELD Shape ►

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD Shape.STLength() ►

\* ALIAS Shape.STLength()

\* DATA TYPE Double

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

[Hide Field Shape.STLength\(\) ▲](#)

FIELD RouteClass ►

\* ALIAS RouteClass

\* DATA TYPE String

\* WIDTH 5

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route class code - dominant route classification

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 82

DESCRIPTION Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 9

DESCRIPTION Projected Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 2

DESCRIPTION US Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 4

DESCRIPTION Secondary Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 6

DESCRIPTION Other State Agency Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 1

DESCRIPTION Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 3

DESCRIPTION NC Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 7

DESCRIPTION Federal Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 5

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

*Hide Field RouteClass ▲*

FIELD Division ►

\* ALIAS Division

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

FIELD DESCRIPTION

The NCDOT Division number for each route segment

DESCRIPTION SOURCE

NCDOT

*Hide Field Division ▲*

FIELD **MaintCntycode** ▶

- \* ALIAS **MaintCntyCode**
- \* DATA TYPE **String**
- \* WIDTH **3**
- \* PRECISION **0**
- \* SCALE **0**

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE **013**

DESCRIPTION **Cabarrus**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **018**

DESCRIPTION **Catawba**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **016**

DESCRIPTION **Carteret**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **001**

DESCRIPTION **Alamance**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **011**

DESCRIPTION **Buncombe**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **036**

DESCRIPTION **Gaston**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **063**

DESCRIPTION **Moore**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **032**

DESCRIPTION **Durham**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **015**

DESCRIPTION **Camden**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **031**

DESCRIPTION **Duplin**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **088**

DESCRIPTION **Transylvania**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **085**

DESCRIPTION **Stokes**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid County and State Codes**

VALUE **037**

DESCRIPTION Gates  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 014  
DESCRIPTION Caldwell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 038  
DESCRIPTION Graham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 059  
DESCRIPTION McDowell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 040  
DESCRIPTION Greene  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 021  
DESCRIPTION Chowan  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 039  
DESCRIPTION Granville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 050  
DESCRIPTION Jackson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 019  
DESCRIPTION Chatham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 041  
DESCRIPTION Guilford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 035  
DESCRIPTION Franklin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 062  
DESCRIPTION Montgomery  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 091  
DESCRIPTION Vance  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 093  
DESCRIPTION Warren  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 048  
DESCRIPTION Hyde  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 089  
DESCRIPTION Tyrrell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes



VALUE 004  
DESCRIPTION Anson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 046  
DESCRIPTION Hertford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 049  
DESCRIPTION Iredell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 005  
DESCRIPTION Ashe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 081  
DESCRIPTION Rutherford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 092  
DESCRIPTION Wake  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 075  
DESCRIPTION Polk  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 051  
DESCRIPTION Johnston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 090  
DESCRIPTION Union  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 020  
DESCRIPTION Cherokee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 002  
DESCRIPTION Alexander  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 999  
DESCRIPTION NA  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 009  
DESCRIPTION Bladen  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 026  
DESCRIPTION Cumberland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 047  
DESCRIPTION Hoke  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 022

DESCRIPTION Clay  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 071  
DESCRIPTION Pender  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 097  
DESCRIPTION Wilkes  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 061  
DESCRIPTION Mitchell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 100  
DESCRIPTION Yancey  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 094  
DESCRIPTION Washington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 083  
DESCRIPTION Scotland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 079  
DESCRIPTION Rockingham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 069  
DESCRIPTION Pamlico  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 003  
DESCRIPTION Alleghany  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 055  
DESCRIPTION Lincoln  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 066  
DESCRIPTION Northampton  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 901  
DESCRIPTION Georgia  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 078  
DESCRIPTION Robeson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 903  
DESCRIPTION Tennessee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 008  
DESCRIPTION Bertie  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 006  
DESCRIPTION Avery  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 902  
DESCRIPTION South Carolina  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 042  
DESCRIPTION Halifax  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 056  
DESCRIPTION Macon  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 065  
DESCRIPTION New Hanover  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 054  
DESCRIPTION Lenoir  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 098  
DESCRIPTION Wilson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 045  
DESCRIPTION Henderson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 087  
DESCRIPTION Swain  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 095  
DESCRIPTION Watauga  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 033  
DESCRIPTION Edgecombe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 096  
DESCRIPTION Wayne  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 072  
DESCRIPTION Perquimans  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 073  
DESCRIPTION Person  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 086  
DESCRIPTION Surry  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 057

DESCRIPTION **Madison**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **904**  
DESCRIPTION **Virginia**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **024**  
DESCRIPTION **Columbus**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **007**  
DESCRIPTION **Beaufort**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **068**  
DESCRIPTION **Orange**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **084**  
DESCRIPTION **Stanly**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **053**  
DESCRIPTION **Lee**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **010**  
DESCRIPTION **Brunswick**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **076**  
DESCRIPTION **Randolph**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **017**  
DESCRIPTION **Caswell**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **027**  
DESCRIPTION **Currituck**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **023**  
DESCRIPTION **Cleveland**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **028**  
DESCRIPTION **Dare**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **060**  
DESCRIPTION **Mecklenburg**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **052**  
DESCRIPTION **Jones**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE **012**  
DESCRIPTION **Burke**  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 044  
DESCRIPTION Haywood  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 058  
DESCRIPTION Martin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 077  
DESCRIPTION Richmond  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 074  
DESCRIPTION Pitt  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 064  
DESCRIPTION Nash  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 025  
DESCRIPTION Craven  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 082  
DESCRIPTION Sampson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 034  
DESCRIPTION Forsyth  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 043  
DESCRIPTION Harnett  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 067  
DESCRIPTION Onslow  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 080  
DESCRIPTION Rowan  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 070  
DESCRIPTION Pasquotank  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 030  
DESCRIPTION Davie  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 029  
DESCRIPTION Davidson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 099  
DESCRIPTION Yadkin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

FIELD [RouteName](#) ▶

- \* ALIAS RouteName
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Route Name is a text representation of the route number. Built by concatenation of these fields: "RouteClass", "RouteNumber".

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RouteName](#) ▲

FIELD [RouteNumber](#) ▶

- \* ALIAS RouteNumber
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Route number - dominant route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field RouteNumber](#) ▲

FIELD [RouteID](#) ▶

- \* ALIAS RouteID
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Eleven digit code describing the route. Built by concatenation of these fields: "RouteClass", "RouteQualifier", "RouteInventory", "RouteNumber", "MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RouteID](#) ▲

[Hide Details for object NCRoutes](#) ▲

[Hide Fields](#) ▲

## Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME dataset

LAST UPDATE 2021-11-08

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
METADATA STYLE ISO 19139 Metadata Implementation Specification  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2021-10-04 11:30:08  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-10-07 11:32:22

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2021-10-07 10:56:05

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit  
CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION ►

PHONE  
VOICE 919.707.2165  
FAX 919.707.2210

### ADDRESS

DELIVERY POINT 4101 Capital Blvd.  
CITY Raleigh  
ADMINISTRATIVE AREA North Carolina  
POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

### HOURS OF SERVICE

8am to 5pm, M-F

### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)

## Metadata Constraints ►

### LEGAL CONSTRAINTS

#### LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

#### LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)

## Thumbnail and Enclosures ►

### THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)