

# Road Characteristics -NHS Routes, 1st Quarter 2023 - NC Department of Transportation

File Geodatabase Feature Class



## Tags

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

## Summary

This data set can be used to locate North Carolina routes designated as part of the National Highway System (NHS).

## Description

This data set is derived from the NCRouteCharacteristics data and contains all current routes designated as part of the National Highway System (NHS). The NHS is a network of nationally significant highways approved by Congress in the National Highway System Designation Act of 1995. New routes can also be added to the NHS.

## Credits

There are no credits for this item.

## 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** -84.413287    **East** -75.424531

**North** 36.582497    **South** 33.780370

## 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  
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina, Division, County

THEME KEYWORDS Transportation

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

[Hide Topics and Keywords ▲](#)

## Citation ►

TITLE Road Characteristics -NHS Routes, 1st Quarter 2023 - NC Department of Transportation

PUBLICATION DATE 2023-02-13 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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

RESPONSIBLE PARTY

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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

RESPONSIBLE PARTY

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS 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

SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

This file should not be used for routing.

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

*Hide Resource Details ▲*

**Extents ▶**

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.11613

EAST LONGITUDE -75.593013

SOUTH LATITUDE 33.792692

NORTH LATITUDE 36.578571

VERTICAL EXTENT

\* MINIMUM VALUE -7.400000

\* MAXIMUM VALUE 4029.100000

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.413287

EAST LONGITUDE -75.424517

SOUTH LATITUDE 33.78037

NORTH LATITUDE 36.582497

EXTENT CONTAINS THE RESOURCE Yes

VERTICAL EXTENT

\* MINIMUM VALUE -7.400000

\* MAXIMUM VALUE 4029.100000

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -84.413287

\* EAST LONGITUDE -75.424531

\* NORTH LATITUDE 36.582497

\* SOUTH LATITUDE 33.780370

\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 408738.910048

\* EAST LONGITUDE 3050438.167696

\* SOUTH LATITUDE 53044.609744

\* NORTH LATITUDE 1030968.380128

\* 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

FAX 919.707.2210

#### ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

### POINT OF CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

POINT OF CONTACT

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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS 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

MAINTENANCE 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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F



## CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[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 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.

### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

#### LIMITATIONS OF USE

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.

### CONSTRAINTS

#### LIMITATIONS OF USE

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.

[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-07  
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",2000000.0026166666],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 NHSRoutes

\* OBJECT TYPE composite

\* OBJECT COUNT 2069

*Hide Vector ▲*

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NHSRoutes

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 2069

\* 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 ►

DESCRIPTION

Data compiled and Metadata updated for publication.

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

ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

*Hide Process step ▲*

*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 point of contact

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS 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 File Geodatabase Feature Class

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [NHSRoutes ►](#)

\* TYPE Feature Class

\* ROW COUNT 2069

DEFINITION

National Highway Classification

DEFINITION SOURCE

NCDOT GIS

FIELD NHSCategory ▶

\* ALIAS NHSCategory

\* DATA TYPE String

\* WIDTH 37

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

A network of nationally significant highways approved by Congress in the National Highway System Designation Act of 1995. New routes can also be added to the NHS.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Unbuilt NHS Routes

DESCRIPTION Unbuilt NHS Routes

VALUE STRAHNET Route

DESCRIPTION STRAHNET Route

VALUE Interstate

DESCRIPTION Interstate

VALUE MAP-21 NHS

DESCRIPTION MAP-21 NHS

VALUE Other NHS

DESCRIPTION Other NHS

VALUE STRAHNET Connector

DESCRIPTION STRAHNET Connector

VALUE Intermodal Connector

DESCRIPTION Intermodal Connector

VALUE Congressional High Priority Corridors

DESCRIPTION Congressional High Priority Corridors

Hide Field NHSCategory ▲

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 4

DESCRIPTION Secondary Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 9

DESCRIPTION Projected Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 3

DESCRIPTION NC Route

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 81

DESCRIPTION Rest Area

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 82

DESCRIPTION Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 2

DESCRIPTION US Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 5

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 1

DESCRIPTION Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

*Hide Field RouteClass ▲*



FIELD SHAPE ►

\* ALIAS Shape

\* DATA TYPE Geometry

\* WIDTH 0

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

*Hide Field SHAPE ▲*

FIELD OBJECTID ►

\* ALIAS OBJECTID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* 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 **RouteQualifier** ▶

\* ALIAS **RouteQualifier**

\* DATA TYPE **String**

\* WIDTH **5**

\* PRECISION **0**

\* SCALE **0**

FIELD DESCRIPTION

An additional code that further defines the Dominant Route and is the 2nd digit in the 11 digit route number.

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE **82**

DESCRIPTION **Non-System Ramp**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE **7**

DESCRIPTION **Spur/Connector Route**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE **6**

DESCRIPTION **West Route**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE **89**

DESCRIPTION **Non-Mainline**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE **0**

DESCRIPTION **Normal Route**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE **5**

DESCRIPTION **East Route**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Valid Route Qualifier Codes**

VALUE 9

DESCRIPTION Business Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 1

DESCRIPTION Alternate Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 8

DESCRIPTION Truck Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 2

DESCRIPTION Bypass Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 81

DESCRIPTION Rest Areas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

*Hide Field RouteQualifier ▲*

FIELD MaintCntyCode ►

\* ALIAS MaintCntyCode

\* DATA TYPE String

\* WIDTH 3

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance and is the last 3 digits of the 11 digit route number.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 020

DESCRIPTION Cherokee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 066

DESCRIPTION Northampton

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 025

DESCRIPTION Craven

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 005

DESCRIPTION Ashe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 026

DESCRIPTION Cumberland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 079

DESCRIPTION Rockingham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 008

DESCRIPTION Bertie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 023

DESCRIPTION Cleveland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 092

DESCRIPTION Wake

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 075

DESCRIPTION Polk

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 054

DESCRIPTION Lenoir

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 001

DESCRIPTION Alamance

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 061

DESCRIPTION Mitchell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 058

DESCRIPTION Martin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 062

DESCRIPTION Montgomery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 083

DESCRIPTION Scotland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 043

DESCRIPTION Harnett

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 028

DESCRIPTION Dare

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 047

DESCRIPTION Hoke

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 045

DESCRIPTION Henderson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 024

DESCRIPTION Columbus

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 036

DESCRIPTION Gaston

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 073

DESCRIPTION Person

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 094

DESCRIPTION Washington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 030

DESCRIPTION Davie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 099

DESCRIPTION Yadkin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 065

DESCRIPTION New Hanover

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 096

DESCRIPTION Wayne

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 018

DESCRIPTION Catawba

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 056

DESCRIPTION Macon

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 071

DESCRIPTION Pender

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 076

DESCRIPTION Randolph

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 044

DESCRIPTION Haywood

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 046

DESCRIPTION Hertford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 012

DESCRIPTION Burke

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 004

DESCRIPTION Anson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 077

DESCRIPTION Richmond

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 015

DESCRIPTION Camden

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 090

DESCRIPTION Union

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 067

DESCRIPTION Onslow

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 027

DESCRIPTION Currituck

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 080

DESCRIPTION Rowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 035

DESCRIPTION Franklin



ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 070

DESCRIPTION Pasquotank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 031

DESCRIPTION Duplin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 039

DESCRIPTION Granville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 051

DESCRIPTION Johnston

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 048

DESCRIPTION Hyde

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 038

DESCRIPTION Graham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 082

DESCRIPTION Sampson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 007

DESCRIPTION Beaufort

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 059

DESCRIPTION McDowell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 095

DESCRIPTION Watauga

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 050

DESCRIPTION Jackson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 064

DESCRIPTION Nash

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 017

DESCRIPTION Caswell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 041

DESCRIPTION Guilford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 100

DESCRIPTION Yancey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 006

DESCRIPTION Avery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 002

DESCRIPTION Alexander

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 057

DESCRIPTION Madison

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 053

DESCRIPTION Lee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 069

DESCRIPTION Pamlico

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 037

DESCRIPTION Gates

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 084

DESCRIPTION Stanly

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 074

DESCRIPTION Pitt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 091

DESCRIPTION Vance

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 086

DESCRIPTION Surry

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 097

DESCRIPTION Wilkes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 021

DESCRIPTION Chowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 009

DESCRIPTION Bladen

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 011

DESCRIPTION Buncombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 016

DESCRIPTION Carteret

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 060

DESCRIPTION Mecklenburg

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 089

DESCRIPTION Tyrrell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 034

DESCRIPTION Forsyth

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 032

DESCRIPTION Durham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 081

DESCRIPTION Rutherford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 093

DESCRIPTION Warren

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 072

DESCRIPTION Perquimans

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 013

DESCRIPTION Cabarrus

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 042

DESCRIPTION Halifax

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 085

DESCRIPTION Stokes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 063

DESCRIPTION Moore

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 087

DESCRIPTION Swain

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 033

DESCRIPTION Edgecombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 003

DESCRIPTION Alleghany

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 014

DESCRIPTION Caldwell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 049

DESCRIPTION Iredell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 019

DESCRIPTION Chatham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 010

DESCRIPTION Brunswick

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 040

DESCRIPTION Greene

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 055

DESCRIPTION Lincoln

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 078

DESCRIPTION Robeson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 029

DESCRIPTION Davidson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 088

DESCRIPTION Transylvania

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 098

DESCRIPTION Wilson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 068

DESCRIPTION Orange

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 022

DESCRIPTION Clay

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 052

DESCRIPTION Jones

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

*Hide Field MaintCntyCode ▲*

FIELD RouteNumber ►

\* ALIAS RouteNumber

\* DATA TYPE String

\* WIDTH 5

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route number.

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field RouteNumber ▲](#)

FIELD [Direction ▶](#)

\* [ALIAS](#) Direction

\* [DATA TYPE](#) String

\* [WIDTH](#) 2

\* [PRECISION](#) 0

\* [SCALE](#) 0

[FIELD DESCRIPTION](#)

Indicates the actual direction of the route.

[DESCRIPTION SOURCE](#)

NCDOT GIS

[LIST OF VALUES](#)

[VALUE](#) OO

[DESCRIPTION](#) Oneway Opposite

[ENUMERATED DOMAIN VALUE DEFINITION SOURCE](#) Valid Direction values.

[VALUE](#) EB

[DESCRIPTION](#) Eastbound

[ENUMERATED DOMAIN VALUE DEFINITION SOURCE](#) Valid Direction values.

[VALUE](#) SB

[DESCRIPTION](#) Southbound

[ENUMERATED DOMAIN VALUE DEFINITION SOURCE](#) Valid Direction values.

[VALUE](#) CW

[DESCRIPTION](#) Clockwise

[ENUMERATED DOMAIN VALUE DEFINITION SOURCE](#) Valid Direction values.

[VALUE](#) CC

[DESCRIPTION](#) Counterclockwise



ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE OI

DESCRIPTION Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE BD

DESCRIPTION Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE WB

DESCRIPTION Westbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

*Hide Field Direction ▲*

FIELD RouteId ►

\* ALIAS RouteId

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route Identifier for Dominant Route. the 11 digit composite route number.

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive 11 digit numbers.

[Hide Field RouteId ▲](#)

FIELD RouteId2 ►

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

[Hide Field RouteId2 ▲](#)

FIELD RouteId3 ►

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

[Hide Field RouteId3 ▲](#)

FIELD RouteInventory ►

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

FIELD DESCRIPTION

The NCDOT Route Direction for Dominant Route and is the 3rd digit of the 11 digit route number.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 9

DESCRIPTION Non-Inventory (Counter-Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE 8

DESCRIPTION Inventory (Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE 4

DESCRIPTION Non-Inventory (Southbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE 0

DESCRIPTION Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

*Hide Field RouteInventory ▲*

FIELD BeginMp ►

\* ALIAS BeginMp

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

*Hide Field BeginMp ▲*

FIELD EndMP ►

\* ALIAS EndMp

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

[Hide Field EndMP ▲](#)

#### FIELD SHAPE\_Length ►

\* ALIAS Shape\_Length

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Length of feature in internal units.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field SHAPE\\_Length ▲](#)

[Hide Details for object NHSRoutes ▲](#)

[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 2023-01-25

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 2023-01-25 13:36:40  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-01-25 21:21:57

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2023-01-25 21:21:57

[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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

### METADATA CONTACT

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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

METADATA CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS 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

#### MAINTENANCE 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 NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[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 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.

#### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

##### LIMITATIONS OF USE

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.

#### 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.

[Hide Metadata Constraints ▲](#)

## Thumbnail and Enclosures ►

#### THUMBNAIL

THUMBNAIL TYPE JPG



*Hide Thumbnail and Enclosures ▲*