

# Road Characteristics - Federal Aid Routes, 4th 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, Federal-Aid Eligible

## Summary

This feature class contains lines representing North Carolina highway routes that are designated as eligible to receive assistance as part of the Federal-Aid Highway Program to support approved construction, maintenance and operations activities. Routes in this data set include all that are part of the National Highway System (NHS) in addition to routes with eligible Functional Classes.

The data is represented as lines derived from the NCDOT Linear Reference System (LRS) network of routes via the NCRouteCharacteristics data set updated quarterly in support of Highway Performance Monitoring System (HPMS) reporting.

## Description

This data set provides a visual representation of routes and roads in North Carolina that are eligible for federal aid and is comprised of the following:

- -Routes with functional classes in these categories: Interstate, Principal Arterial Other Freeway, Principal Arterial Other, Minor Arterial, Major Collector, Urban Minor Collectors
- -all NHS routes

[Further information on Federal Highway functional classification](#)

## Credits

The North Carolina Department of Transportation, Division of Highways.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

## 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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

## Extent

**West** -84.414684    **East** -75.423607  
**North** 36.603183    **South** 33.763411

## Scale Range

**Maximum (zoomed in)** 1:5,000  
**Minimum (zoomed out)** 1:625,000

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation, location, society

\* CONTENT TYPE Downloadable Data

PLACE KEYWORDS North Carolina, Division, County

### THESAURUS ▶

TITLE User

PUBLICATION DATE 2023-11-06 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS SR, Roads, US, State maintained roads, Streets, NC, Interstate, Major Roads, Centerline, Primary, Secondary, Highways, Transportation, North Carolina, Division, County, Federal-Aid Eligible

### THESAURUS ▶

TITLE User

PUBLICATION DATE 2023-11-06 00:00:00

*Hide Thesaurus ▲*

*Hide Topics and Keywords ▲*

## Citation ▶

TITLE Road Characteristics - Federal Aid Routes, 4th Quarter 2023 - NC Department of Transportation

ALTERNATE TITLES Federal Aid Routes

PUBLICATION DATE 2023-11-06 00:00:00

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

*Hide Citation ▲*

## Citation Contacts ▶

### RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION GIS Data and Services Consultant

CONTACT'S ROLE originator

### CONTACT INFORMATION ▶

ADDRESS

TYPE physical

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

HOURS OF SERVICE  
9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS  
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

#### RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE resource provider

#### CONTACT INFORMATION ►

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

HOURS OF SERVICE  
9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS  
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

#### RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

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

HOURS OF SERVICE  
9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS  
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

## Resource Details ►

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

STATUS on-going  
SPATIAL REPRESENTATION TYPE vector

### SUPPLEMENTAL INFORMATION

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

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

### CREDITS

The North Carolina Department of Transportation, Division of Highways.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

[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  
EXTENT CONTAINS THE RESOURCE Yes

#### VERTICAL EXTENT

\* MINIMUM VALUE -7.400000  
\* MAXIMUM VALUE 6051.800000

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.414684  
EAST LONGITUDE -75.423594  
SOUTH LATITUDE 33.763411  
NORTH LATITUDE 36.603183  
EXTENT CONTAINS THE RESOURCE Yes

#### VERTICAL EXTENT

\* MINIMUM VALUE -7.400000  
\* MAXIMUM VALUE 6051.800000

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -84.414684

- \* EAST LONGITUDE -75.423607
- \* NORTH LATITUDE 36.603183
- \* SOUTH LATITUDE 33.763411
- \* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- \* WEST LONGITUDE 408738.910048
- \* EAST LONGITUDE 3050438.167696
- \* SOUTH LATITUDE 46863.376048
- \* NORTH LATITUDE 1038500.819680
- \* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

ADDRESS

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

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

SCOPE OF THE UPDATES dataset

OTHER MAINTENANCE REQUIREMENTS

The North Carolina Department of Transportation, Division of Highways.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

ADDRESS

TYPE physical

DELIVERY POINT 4101 Capital Blvd

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

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

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

[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",2000000.002616666],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 RoadFederalAid

- \* OBJECT TYPE composite

\* OBJECT COUNT 13731

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME RoadFederalAid

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 13731

\* 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 ▲](#)

DATA QUALITY REPORT - COMPLETENESS COMMISSION ▶

MEASURE DESCRIPTION

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Pass.

[Hide Data quality report - Completeness commission ▲](#)

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

CONFORMANCE TEST RESULTS



TEST PASSED Yes  
RESULT EXPLANATION  
Pass.

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ►  
MEASURE DESCRIPTION

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

CONFORMANCE TEST RESULTS  
TEST PASSED Yes  
RESULT EXPLANATION  
Pass.

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

## Lineage ►

LINEAGE STATEMENT

This data set is derived from the NCRouteCharacteristics data and contains Federal Air Routes. This dataset was originally developed by the North Carolina Department of Transportation, in conjunction with the GIS Unit at NCDIT-T, to provide a geographic representation of Federal Aid Routes in North Carolina. The GIS Unit modifies the LRS Network routes by creating, editing, or retiring based on official change notification from various NCDOT sources. Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation. Web mapping services are created from some of the events. The LRS supports systems, web applications, and geospatial data needs across NCDOT business units, as well as submittal to the Federal Highway Administration's Highway Performance Monitoring System (HPMS).

PROCESS STEP ►  
DESCRIPTION

Development and maintenance of NCDOT's Linear Referencing System. This includes the road centerline, route network, some events, and other related spatial data.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE originator

CONTACT INFORMATION ►  
ADDRESS  
TYPE physical

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

HOURS OF SERVICE  
9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS  
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►  
DESCRIPTION

Routes are created, edited, and/or retired based on official change notification from various NCDOT sources. Road attribute-only information is also provided to the GIS Unit. Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE resource provider

CONTACT INFORMATION ►  
ADDRESS

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

HOURS OF SERVICE  
9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS  
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►  
DESCRIPTION

The NCRouteCharacteristics data is produced, where this data is derived.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶

ADDRESS

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

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

**Distribution** ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

ADDRESS

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

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION 10.8.1

\* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [RoadFederalAid ►](#)

\* TYPE Feature Class

\* ROW COUNT 13731

DEFINITION

Federal Aid Routes

DEFINITION SOURCE

North Carolina Department of Transportation

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 NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE OI

DESCRIPTION Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE CC

DESCRIPTION Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE OO

DESCRIPTION Oneway Opposite

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE BD

DESCRIPTION Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE CW

DESCRIPTION Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE EB  
DESCRIPTION Eastbound  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE WB  
DESCRIPTION Westbound  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE SB  
DESCRIPTION Southbound  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

*Hide Field Direction ▲*

#### 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 8  
DESCRIPTION Truck Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 6  
DESCRIPTION West Route. Used only for US-19 West, which is a different route than US-19.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 5  
DESCRIPTION East Route. Used only for US-19 East, which is a different route than US-19.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 89  
DESCRIPTION Non-Mainline  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 1  
DESCRIPTION Alternate Route. If the route class is FED, 1 (Alternative) is military-owned.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 82  
DESCRIPTION Non-System Ramp  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 81  
DESCRIPTION Rest Areas  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 2  
DESCRIPTION Bypass Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 0

DESCRIPTION Normal Route. On most routes this indicates it is the normal route. If the route class is FED, then 0 (Normal) is the Blue Ridge Parkway.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 7

DESCRIPTION Spur/Connector Route. If the Route Class is Interstate, then the route is a spur. If the Route Class is US or NC Route then the route is a connector.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Qualifier Codes

VALUE 9

DESCRIPTION Business Route

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 014

DESCRIPTION Caldwell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 066

DESCRIPTION Northampton

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 022

DESCRIPTION Clay

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 088

DESCRIPTION Transylvania

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 042

DESCRIPTION Halifax

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 057

DESCRIPTION Madison

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 050

DESCRIPTION Jackson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 036  
DESCRIPTION Gaston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 054  
DESCRIPTION Lenoir  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 080  
DESCRIPTION Rowan  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 068  
DESCRIPTION Orange  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 083  
DESCRIPTION Scotland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 017  
DESCRIPTION Caswell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 071  
DESCRIPTION Pender  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 020  
DESCRIPTION Cherokee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 007  
DESCRIPTION Beaufort  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 058  
DESCRIPTION Martin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 025  
DESCRIPTION Craven  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 029  
DESCRIPTION Davidson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 012  
DESCRIPTION Burke  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 034  
DESCRIPTION Forsyth  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 067  
DESCRIPTION Onslow  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 032  
DESCRIPTION Durham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 046  
DESCRIPTION Hertford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 086  
DESCRIPTION Surry  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 051  
DESCRIPTION Johnston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 023  
DESCRIPTION Cleveland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 037  
DESCRIPTION Gates  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 030  
DESCRIPTION Davie  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 063  
DESCRIPTION Moore  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 048  
DESCRIPTION Hyde  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 055  
DESCRIPTION Lincoln  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 015  
DESCRIPTION Camden  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 098  
DESCRIPTION Wilson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 053  
DESCRIPTION Lee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 079  
DESCRIPTION Rockingham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 033  
DESCRIPTION Edgecombe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 002



DESCRIPTION Alexander  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 097  
DESCRIPTION Wilkes  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 064  
DESCRIPTION Nash  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 069  
DESCRIPTION Pamlico  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 100  
DESCRIPTION Yancey  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 065  
DESCRIPTION New Hanover  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 011  
DESCRIPTION Buncombe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 038  
DESCRIPTION Graham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 028  
DESCRIPTION Dare  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 081  
DESCRIPTION Rutherford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 004  
DESCRIPTION Anson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 062  
DESCRIPTION Montgomery  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 074  
DESCRIPTION Pitt  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 013  
DESCRIPTION Cabarrus  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 003  
DESCRIPTION Alleghany  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 008  
DESCRIPTION Bertie  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 005  
DESCRIPTION Ashe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 075  
DESCRIPTION Polk  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 060  
DESCRIPTION Mecklenburg  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 006  
DESCRIPTION Avery  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 078  
DESCRIPTION Robeson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 052  
DESCRIPTION Jones  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 085  
DESCRIPTION Stokes  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 019  
DESCRIPTION Chatham  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 076  
DESCRIPTION Randolph  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 021  
DESCRIPTION Chowan  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 024  
DESCRIPTION Columbus  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 090  
DESCRIPTION Union  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 082  
DESCRIPTION Sampson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 077  
DESCRIPTION Richmond  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 070  
DESCRIPTION Pasquotank  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 016

DESCRIPTION Carteret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 059  
DESCRIPTION McDowell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 040  
DESCRIPTION Greene  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 072  
DESCRIPTION Perquimans  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 026  
DESCRIPTION Cumberland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 056  
DESCRIPTION Macon  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 039  
DESCRIPTION Granville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 043  
DESCRIPTION Harnett  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 096  
DESCRIPTION Wayne  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 045  
DESCRIPTION Henderson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 049  
DESCRIPTION Iredell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 092  
DESCRIPTION Wake  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 044  
DESCRIPTION Haywood  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 084  
DESCRIPTION Stanly  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 089  
DESCRIPTION Tyrrell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 027  
DESCRIPTION Currituck  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 094  
DESCRIPTION Washington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 031  
DESCRIPTION Duplin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 095  
DESCRIPTION Watauga  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 061  
DESCRIPTION Mitchell  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 009  
DESCRIPTION Bladen  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 018  
DESCRIPTION Catawba  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 093  
DESCRIPTION Warren  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 001  
DESCRIPTION Alamance  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 087  
DESCRIPTION Swain  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 073  
DESCRIPTION Person  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 041  
DESCRIPTION Guilford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 035  
DESCRIPTION Franklin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 010  
DESCRIPTION Brunswick  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 099  
DESCRIPTION Yadkin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 091  
DESCRIPTION Vance  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 047

DESCRIPTION Hoke  
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 [UrbanType ▶](#)

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

FIELD DESCRIPTION  
The designated code of the Urban Area that the segment is located within

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES  
VALUE Urban Cluster  
DESCRIPTION Represent areas containing at least 2,500 and less than 50,000 people.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Urbanized Area  
DESCRIPTION Areas of 50,000 or more population  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field UrbanType ▲](#)

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 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 2

DESCRIPTION US 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 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 4

DESCRIPTION Secondary Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 80

DESCRIPTION Ramp

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 5

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

*Hide Field RouteClass ▲*

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 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 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.

More information explaining this route naming convention used by NCDOT is available here:

<https://xfer.services.ncdot.gov/gisdot/DistDOTData/Guide%20to%20the%20NCDOT%20Eleven-Digit%20Route%20Number%20-%20Rome%20Implementation.pdf>

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive 11 digit numbers.

*Hide Field RouteId ▲*

FIELD FuncClass ►

- \* ALIAS FuncClass
- \* DATA TYPE SmallInteger

- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

A classification system of roads based on the character of traffic service that they are intended to provide. Approval of changes is done by the Federal Highway Administration and is managed by the Program Development Branch at NCDOT.

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

- VALUE 5  
DESCRIPTION Major Collector  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 3  
DESCRIPTION PA-Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 7  
DESCRIPTION Local  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 6  
DESCRIPTION Minor Collector  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 4  
DESCRIPTION Minor Arterial  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 1  
DESCRIPTION Interstate  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code
  
- VALUE 2  
DESCRIPTION PA-FrwyExp  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Functional Class Code

*Hide Field FuncClass ▲*

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 4  
DESCRIPTION Non-Inventory (Southbound)  
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 0  
DESCRIPTION Inventory  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE 9  
DESCRIPTION Non-Inventory (Counter-Clockwise)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

*Hide Field RouteInventory ▲*

FIELD EndMp ►

- \* ALIAS EndMp
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The ending milepost for route at that point on the segment.

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Numbers; six decimals

*Hide Field EndMp ▲*

FIELD BeginMp ►

- \* ALIAS BeginMp
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Beginning Milepost for Dominant Route.

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Numbers; six decimals

*Hide Field BeginMp ▲*

FIELD NHS ►

- \* ALIAS NHS
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

National Highway System code designation (Codes 2-9 specify the type of intermodal connector). NHS is a network of nationally significant highways approved by Congress in the National Highway System Designation Act of 1995. All codes, 1-21, are part of the National Highway System.

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 8

DESCRIPTION Major Pipeline Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 3

DESCRIPTION Major Port Facility

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 1

DESCRIPTION NHS: not Intermodal Connector/MAP-21

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 2

DESCRIPTION Major Airport

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 9

DESCRIPTION Major Ferry Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 21

DESCRIPTION Enhanced NHS – section was added to the National Highway System as part of MAP-21 legislation on October 1, 2012. These roads were principal arterials that were not part of the existing NHS.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 11

DESCRIPTION Congressional High Priority Corridor

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 5

DESCRIPTION Major Rail/Truck Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 6

DESCRIPTION Major Inter-city Bus Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 7

DESCRIPTION Major Public Transit Terminal/Multi-modal Passenger Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

VALUE 4

DESCRIPTION Major Amtrak Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid National Highway System Code

[Hide Field NHS ▲](#)

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 RoadFederalAid ▲*

*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 2023-10-19

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 2023-10-19 08:22:29  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-10-19 14:48:17

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2023-10-19 14:48:17

*Hide Metadata Details ▲*

**Metadata Contacts ▶**

METADATA CONTACT  
ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

ADDRESS

TYPE physical  
DELIVERY POINT 4101 Capital Blvd  
CITY Raleigh  
ADMINISTRATIVE AREA NC  
POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

*Hide Contact information ▲*

*Hide Metadata Contacts ▲*

**Metadata Maintenance ►**

MAINTENANCE

UPDATE FREQUENCY quarterly

SCOPE OF THE UPDATES dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Information Technology -Transportation, GIS Unit  
CONTACT'S POSITION GIS Data and Services Consultant  
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

ADDRESS

TYPE physical  
DELIVERY POINT 4101 Capital Blvd  
CITY Raleigh  
ADMINISTRATIVE AREA NC  
POSTAL CODE 27604  
COUNTRY US  
E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

*Hide Contact information ▲*

*Hide Metadata Maintenance ▲*

**Metadata Constraints ►**

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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

[Hide Metadata Constraints ▲](#)

## Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE   JPG

[Hide Thumbnail and Enclosures ▲](#)