

Public Road Arcs, 4th Quarter 2024 - NC Department of Transportation

File Geodatabase Feature Class



Tags

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

Summary

This layer is a visual representation of public roads in North Carolina, delivered in support of North Carolina Department of Transportation's (NCDOT) Highway Performance Monitoring System (HPMS) reporting. State maintained routes are current through September 2024 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 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. 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. 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, Street Name event

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 36.615120 **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 North Carolina, Division, County

THESAURUS ▶

TITLE User

PUBLICATION DATE 2024-11-11 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS Transportation

THESAURUS ▶

TITLE ISO 19115 Topic Category

PUBLICATION DATE 2024-11-11 00:00:00

[Hide Thesaurus ▲](#)

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

THESAURUS ▶

TITLE User

PUBLICATION DATE 2024-11-11 00:00:00

[Hide Thesaurus ▲](#)

OTHER KEYWORDS Downloadable Data

[Hide Topics and Keywords ▲](#)

Citation ▶

TITLE Public Road Arcs, 4th Quarter 2024 - NC Department of Transportation

PUBLICATION DATE 2024-11-11 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

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ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27610

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

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RESPONSIBLE PARTY

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CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

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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 file should not be used for routing.

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

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

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.421752
EAST LONGITUDE -75.418246
SOUTH LATITUDE 33.733249
NORTH LATITUDE 36.617735

GEOGRAPHIC EXTENT

GEOGRAPHIC DESCRIPTION

DESCRIPTION CONTAINS THE RESOURCE No

VERTICAL EXTENT

* MINIMUM VALUE -59.600000
* MAXIMUM VALUE 6577.400000

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

VERTICAL EXTENT
* MINIMUM VALUE -59.600000
* MAXIMUM VALUE 6577.400000

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -84.421464
* EAST LONGITUDE -75.418363
* NORTH LATITUDE 36.615120
* 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 1042847.424976
* 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

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CONTACT'S ROLE originator

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CONTACT'S ROLE resource provider

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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

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Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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CONSTRAINTS

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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-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 NCRouteArcs

- * OBJECT TYPE composite
- * OBJECT COUNT 904884

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteArcs

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 904884
- * 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
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 Century Center Building B, 1020 Birch Ridge Drive.
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ADMINISTRATIVE AREA North Carolina
POSTAL CODE 27610
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 ▲](#)

PROCESS STEP ▶
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

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CONTACT INSTRUCTIONS

Phone or e-mail.

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PROCESS STEP ▶

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
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CONTACT INFORMATION ▶

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[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 ►

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HOURS OF SERVICE

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CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION 10.8.1

* NAME File Geodatabase Feature Class

Fields ►

DETAILS FOR OBJECT [NCRouteArcs ►](#)

* TYPE Feature Class

* ROW COUNT 904884

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 [Route4Number ►](#)

* ALIAS Route4Number

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Route 4 number - co-route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field Route4Number ▲](#)

FIELD [SrcDocType ►](#)

* ALIAS SrcDocType

* DATA TYPE String

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Source document type code - most recent route action document type, legacy data not populated

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 0

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE T

DESCRIPTION TIP (Transportation Improvement Program)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE P

DESCRIPTION Petition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE M

DESCRIPTION Municipal Agreement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE N

DESCRIPTION Not-Verified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE R

DESCRIPTION Project Alignment

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

Hide Field SrcDocType ▲

FIELD **MaintCntycode** ►

* ALIAS MaintCntyCode

* DATA TYPE String

* WIDTH 3

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance of the segment

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 056

DESCRIPTION Macon

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 059

DESCRIPTION McDowell

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 057

DESCRIPTION Madison

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 001

DESCRIPTION Alamance

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 077
DESCRIPTION Richmond
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 079
DESCRIPTION Rockingham
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 070
DESCRIPTION Pasquotank
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 089
DESCRIPTION Tyrrell
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 096
DESCRIPTION Wayne
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 076
DESCRIPTION Randolph
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 024
DESCRIPTION Columbus
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 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 044
DESCRIPTION Haywood
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 013
DESCRIPTION Cabarrus
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 047
DESCRIPTION Hoke
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 098
DESCRIPTION Wilson
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 099
DESCRIPTION Yadkin
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 085
DESCRIPTION Stokes
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 999
DESCRIPTION NA
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 060
DESCRIPTION Mecklenburg
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 072
DESCRIPTION Perquimans
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 058
DESCRIPTION Martin
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 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 064
DESCRIPTION Nash
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 063
DESCRIPTION Moore
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 031
DESCRIPTION Duplin
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 066
DESCRIPTION Northampton
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 093
DESCRIPTION Warren
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 003
DESCRIPTION Alleghany
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 015
DESCRIPTION Camden
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 052
DESCRIPTION Jones
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 004
DESCRIPTION Anson
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 100
DESCRIPTION Yancey
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 018
DESCRIPTION Catawba
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 041
DESCRIPTION Guilford
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 095
DESCRIPTION Watauga
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 074
DESCRIPTION Pitt
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 069
DESCRIPTION Pamlico
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 097
DESCRIPTION Wilkes
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 005
DESCRIPTION Ashe
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 032
DESCRIPTION Durham
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 902
DESCRIPTION South Carolina
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 075
DESCRIPTION Polk
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 007

DESCRIPTION Beaufort
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 016
DESCRIPTION Carteret
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 030
DESCRIPTION Davie
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 021
DESCRIPTION Chowan
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 010
DESCRIPTION Brunswick
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 043
DESCRIPTION Harnett
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 087
DESCRIPTION Swain
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 033
DESCRIPTION Edgecombe
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 022
DESCRIPTION Clay
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 046
DESCRIPTION Hertford
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

[Hide Field MaintCntycode ▲](#)

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 3
DESCRIPTION NC Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 5
DESCRIPTION Non-System
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 7
DESCRIPTION Federal 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 9
DESCRIPTION Projected 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 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 1
DESCRIPTION Interstate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 80
DESCRIPTION Ramp
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

Hide Field RouteClass ▲

FIELD BeginMP6 ►

* ALIAS BeginMp6
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Begin Milepost for co-route number 6.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field BeginMP6 ▲

FIELD EndMP3 ►

* ALIAS EndMp3
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

End Milepost for co-route number 3.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field EndMP3 ▲

FIELD EndMP2 ►

* ALIAS EndMp2
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

End Milepost for co-route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP2 ▲](#)

FIELD SrcDocID ►

- * ALIAS SrcDocID
- * DATA TYPE String
- * WIDTH 30
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Source document number - route action document number, legacy data not populated

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field SrcDocID ▲](#)

FIELD Route3Qualifier ►

- * ALIAS Route3Qualifier
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route 3 primary code - co-route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Alternate Route

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 5

DESCRIPTION East 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 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

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

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

VALUE 7
DESCRIPTION Connector 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 80
DESCRIPTION Ramp
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 9
DESCRIPTION Business Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 6
DESCRIPTION West Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field Route3Qualifier ▲

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 EndFeatureID ►

- * ALIAS EndFeatureID
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

EndFeatureID is used to identify the route that crosses the end node. It uses the eleven digit code for the route number or at the county line it will have the letter "BS" followed by the county code for the next county.

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

VALUE BS000###

DESCRIPTION The segment intersects the state boundary. Eight digit value starting with the character "BS" and ending with the NCDOT state number. 901 = Georgia, 902 = South Carolina , 903 = Tennessee, 904 = Virginia.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE PSEUDO

DESCRIPTION Change in event attributes for the segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BC000###

DESCRIPTION The segment intersects a county boundary. Eight digit value starting with the character "BC" and ending with the NCDOT county # (001-100). See MaintCntyCode attribute description in RdChar metadata for county # values.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE X-CROSS

DESCRIPTION The primary route crosses back over itself. An example would be a loop segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE DEAD-END

DESCRIPTION The route segment ends.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE NA

DESCRIPTION Unable to identify type of intersection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

Hide Field EndFeatureID ▲

FIELD **BeginMP5** ►

* ALIAS BeginMp5

* DATA TYPE Double

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Begin Milepost for co-route number 5.

DESCRIPTION SOURCE
NCDOT GIS

Hide Field BeginMP5 ▲

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 1

DESCRIPTION Non-Inventory for non-primary routes.

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 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 0

DESCRIPTION Inventory

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 Route3 ►

* ALIAS Route3

* DATA TYPE String

* WIDTH 15

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Eleven digit code describing co-route 3. Built by concatenation of these fields:
"Route3Class", "Route3Qualifier", "Route3Inventory", "Route3Number", "MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

Hide Field Route3 ▲

FIELD RouteName ►

* ALIAS RouteName

* DATA TYPE String

* WIDTH 20

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

Hide Field RouteName ▲

FIELD **Route5Qualifier** ▶

* ALIAS Route5Qualifier

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Route 5 primary code - co-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 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 1

DESCRIPTION Alternate Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7

DESCRIPTION Connector 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 5

DESCRIPTION East 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 8

DESCRIPTION Truck Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 82

DESCRIPTION Non-System Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 0

DESCRIPTION Normal Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field Route5Qualifier ▲

FIELD **TravelDirection** ►

* ALIAS TravelDirection

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Oneway direction flag - identifies one way traffic flow

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE One-way

DESCRIPTION One Direction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Codes for One Way Direction Flag

VALUE Both

DESCRIPTION Both Directions

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Codes for One Way Direction Flag

Hide Field TravelDirection ▲

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 **Route2Class** ►

* ALIAS Route2Class

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Route 2 class code - co-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 80

DESCRIPTION Ramp

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 9

DESCRIPTION Projected 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 5

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 89

DESCRIPTION Non-Mainline

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 81

DESCRIPTION Rest Area

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

[Hide Field Route2Class ▲](#)

FIELD **Route4Class** ▶

* ALIAS **Route4Class**

* DATA TYPE **String**

* WIDTH **5**

* PRECISION **0**

* SCALE **0**

FIELD DESCRIPTION

Route 4 class code - co-route classification

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

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**

VALUE **80**

DESCRIPTION **Ramp**

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

VALUE **3**

DESCRIPTION **NC 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 **4**

DESCRIPTION **Secondary 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 **9**

DESCRIPTION **Projected 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 **81**

DESCRIPTION **Rest Area**

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

VALUE **2**

DESCRIPTION **US Route**

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

VALUE **82**

DESCRIPTION **Non-System Ramp**

[Hide Field Route4Class ▲](#)

FIELD [RouteID ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RouteID ▲](#)

FIELD [EndMP6 ▶](#)

- * ALIAS EndMp6
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

End Milepost for co-route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP6 ▲](#)

FIELD [BeginMP1 ▶](#)

- * ALIAS BeginMp1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Begin Milepost for dominant route (number 1).

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP1 ▲](#)

FIELD [MaxMp1 ▶](#)

- * ALIAS MaxMp1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers.

Hide Field MaxMp1 ▲

FIELD **Route4Qualifier** ►

* ALIAS **Route4Qualifier**

* DATA TYPE **String**

* WIDTH **5**

* PRECISION **0**

* SCALE **0**

FIELD DESCRIPTION

Route 4 primary code - co-route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE **2**

DESCRIPTION **Bypass Route**

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

VALUE **89**

DESCRIPTION **Non-Mainline**

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

VALUE **1**

DESCRIPTION **Alternate 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 **5**

DESCRIPTION **East Route**

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 **8**

DESCRIPTION **Truck Route**

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

VALUE **80**

DESCRIPTION **Ramp**

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

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 81
DESCRIPTION Rest Area
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7
DESCRIPTION Connector Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field Route4Qualifier ▲

FIELD **Route5Number** ►

- * ALIAS Route5Number
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route 5 number - co-route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

Hide Field Route5Number ▲

FIELD **BeginMP4** ►

- * ALIAS BeginMp4
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Begin Milepost for co-route number 4.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field BeginMP4 ▲

FIELD **Route4** ►

- * ALIAS Route4
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Eleven digit code describing the co-route. Built by concatenation of these fields:
"Route4Class", "Route4Qualifier", "Route4Inventory", "Route4Number", "MaintCntyCode".

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field Route4 ▲](#)

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 [Route3Class ▶](#)

* ALIAS [Route3Class](#)
* DATA TYPE [String](#)
* WIDTH [5](#)
* PRECISION [0](#)
* SCALE [0](#)

FIELD DESCRIPTION

Route 3 class code - co-route classification

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE [5](#)

DESCRIPTION [Non-System](#)

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 [89](#)

DESCRIPTION [Non-Mainline](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Valid Route Class Codes](#)

VALUE [1](#)

DESCRIPTION [Interstate](#)

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 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 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 7
DESCRIPTION Federal 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 81
DESCRIPTION Rest Area
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

[Hide Field Route3Class ▲](#)

FIELD [GeoDocType ▶](#)

- * ALIAS GeoDocType
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Revision document type code - last reference source used for geometric revisions.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 0
DESCRIPTION Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE G
DESCRIPTION GPS
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE N
DESCRIPTION Not-Verified
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE P
DESCRIPTION Parcels
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE F
DESCRIPTION Field Research
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE L
DESCRIPTION Plat
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE C
DESCRIPTION Local Centerline
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE A
DESCRIPTION Aerial Photo
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

Hide Field GeoDocType ▲

FIELD EndMP4 ►

* ALIAS EndMp4
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

End Milepost for co-route number 4.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field EndMP4 ▲

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 1
DESCRIPTION Alternate Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 6
DESCRIPTION West 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 2
DESCRIPTION Bypass 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 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 8
DESCRIPTION Truck Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

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

VALUE 5
DESCRIPTION East Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 80
DESCRIPTION Ramp
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7
DESCRIPTION Connector Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field RouteQualifier ▲

FIELD Route5Class ►

* ALIAS Route5Class

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Route 5 class code - co-route classification

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 81
DESCRIPTION Rest Area
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 6
 DESCRIPTION Other State Agency 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 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

VALUE 4
 DESCRIPTION Secondary 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 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

Hide Field Route5Class ▲

FIELD **GeoDocID** ►

- * ALIAS GeoDocID
- * DATA TYPE String
- * WIDTH 25
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Revision document number - geometric reference document (year)

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field GeoDocID ▲](#)

FIELD **MPLength** ▶

- * ALIAS MPLength
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Segment length calculated from LIDAR data

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field MPLength ▲](#)

FIELD **Direction** ▶

- * ALIAS Direction
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE CC

DESCRIPTION Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE EB

DESCRIPTION Eastbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE SB

DESCRIPTION Southbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE BD

DESCRIPTION Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OI

DESCRIPTION Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CW

DESCRIPTION Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OO

DESCRIPTION Oneway Opposite
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE WB
DESCRIPTION Westbound
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

[Hide Field Direction ▲](#)

FIELD Division ►

- * ALIAS Division
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
The NCDOT Division number for each route segment

DESCRIPTION SOURCE
NCDOT

[Hide Field Division ▲](#)

FIELD Route5Inventory ►

- * ALIAS Route5Inventory
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Route 5 direction code - co-route direction

DESCRIPTION SOURCE
Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 8
DESCRIPTION Inventory (Clockwise)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

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

[Hide Field Route5Inventory ▲](#)

FIELD [BeginMP2](#) ▶

- * ALIAS [BeginMp2](#)
- * DATA TYPE [Double](#)
- * WIDTH [8](#)
- * PRECISION [0](#)
- * SCALE [0](#)

FIELD DESCRIPTION

Begin Milepost for co-route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP2](#) ▲

FIELD [Route3Number](#) ▶

- * ALIAS [Route3Number](#)
- * DATA TYPE [String](#)
- * WIDTH [5](#)
- * PRECISION [0](#)
- * SCALE [0](#)

FIELD DESCRIPTION

Route 3 number - co-route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field Route3Number](#) ▲

FIELD [BeginMP3](#) ▶

- * ALIAS [BeginMp3](#)
- * DATA TYPE [Double](#)
- * WIDTH [8](#)
- * PRECISION [0](#)
- * SCALE [0](#)

FIELD DESCRIPTION

Begin Milepost for co-route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP3](#) ▲

FIELD [Route5](#) ▶

- * ALIAS [Route5](#)
- * DATA TYPE [String](#)
- * WIDTH [15](#)
- * PRECISION [0](#)
- * SCALE [0](#)

FIELD DESCRIPTION

Eleven digit code describing the co-route. Built by concatenation of these fields:
"Route5Class","Route5Qualifier","Route5Inventory","Route5Number","MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field Route5 ▲](#)

FIELD EndMP5 ►

- * ALIAS EndMp5
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

End Milepost for co-route number 5.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP5 ▲](#)

FIELD Route4Inventory ►

- * ALIAS Route4Inventory
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route 4 direction code - co-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 9

DESCRIPTION Non-Inventory (Counterclockwise)

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 8

DESCRIPTION Inventory (Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

[Hide Field Route4Inventory ▲](#)

FIELD **Route2Qualifier** ▶

- * ALIAS **Route2Qualifier**
- * DATA TYPE **String**
- * WIDTH **5**
- * PRECISION **0**
- * SCALE **0**

FIELD DESCRIPTION

Route 2 primary code - co-route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE **1**

DESCRIPTION **Alternate 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 **89**

DESCRIPTION **Non-Mainline**

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

VALUE **6**

DESCRIPTION **West 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 **7**

DESCRIPTION **Connector 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 **5**

DESCRIPTION **East 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 **8**

DESCRIPTION **Truck Route**

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

VALUE **82**

DESCRIPTION **Non-System Ramp**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field Route2Qualifier ▲

FIELD **Route6Class** ▶

- * ALIAS Route6Class
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route 6 class code - co-route classification

DESCRIPTION SOURCE

Federal Highway Administration/NC DOT GIS

LIST OF VALUES

VALUE 4

DESCRIPTION Secondary 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 9

DESCRIPTION Projected Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 89

DESCRIPTION Non-Mainline

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 5

DESCRIPTION Non-System

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 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

[Hide Field Route6Class ▲](#)

FIELD [Route2Number ▶](#)

* ALIAS Route2Number
* DATA TYPE String
* WIDTH 5
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Route 2 number - co-route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field Route2Number ▲](#)

FIELD [OwnerType ▶](#)

* ALIAS OwnerType
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

The agency that maintains the segment, if ownership cannot be derived from Route Class.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION County Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 4

DESCRIPTION City or Municipal Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 13

DESCRIPTION Wildlife Resources Commission

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 21
DESCRIPTION Other State Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 25
DESCRIPTION Other Local Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 27
DESCRIPTION Railroad
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 31
DESCRIPTION State Toll Road
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 32
DESCRIPTION Local Toll Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 40
DESCRIPTION Other Public Instrumentality (e.g., Airport)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 50
DESCRIPTION Indian Tribe Nation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 60
DESCRIPTION Other Federal Agency
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 62
DESCRIPTION Bureau of Indian Affairs
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 63
DESCRIPTION Bureau of Fish and Wildlife
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 64
DESCRIPTION U.S. Forest Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 66
DESCRIPTION National Park Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 67
DESCRIPTION Tennessee Valley Authority
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 68
DESCRIPTION Bureau of Land Management
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 69
DESCRIPTION Bureau of Reclamation
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 70

DESCRIPTION Corps of Engineers
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 72
DESCRIPTION Air Force
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 73
DESCRIPTION Navy/Marines
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 74
DESCRIPTION Army
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 80
DESCRIPTION Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 98
DESCRIPTION Private-Residential
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 99
DESCRIPTION Private-Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

Hide Field OwnerType ▲

FIELD **StreetName** ►

- * ALIAS StreetName
- * DATA TYPE String
- * WIDTH 75
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Local Street Name

DESCRIPTION SOURCE
Local County GIS/NCDOT GIS

Hide Field StreetName ▲

FIELD **Route6Number** ►

- * ALIAS Route6Number
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Route 6 number - co-route number

DESCRIPTION SOURCE
Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES
Positive real numbers that are manually generated

[Hide Field Route6Number ▲](#)

FIELD [Route2 ▶](#)

- * ALIAS Route2
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Eleven digit code describing the co-route. Built by concatenation of these fields:
"Route2Class","Route2Qualifier","Route2Inventory","Route2Number","MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field Route2 ▲](#)

FIELD [LocCntyCode ▶](#)

- * ALIAS LocCntyCode
- * DATA TYPE String
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Location county code - county containing the feature

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE County number - see Maintenance county code domains
DESCRIPTION County name - see Maintenance county code domains
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

[Hide Field LocCntyCode ▲](#)

FIELD [Route6Inventory ▶](#)

- * ALIAS Route6Inventory
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route 6 direction code - co-route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 8
DESCRIPTION Inventory (Clockwise)
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 0

DESCRIPTION Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

Hide Field Route6Inventory ▲

FIELD **Route6Qualifier** ►

* ALIAS Route6Qualifier

* DATA TYPE String

* WIDTH 5

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Route 6 primary code - co-route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION Bypass 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 6

DESCRIPTION West Route

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 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 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 7
DESCRIPTION Connector Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 89
DESCRIPTION Non-Mainline
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

Hide Field Route6Qualifier ▲

FIELD **BeginFeatureID** ►

- * ALIAS BeginFeatureID
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

BeginFeatureID is used to identify intersecting routes, boundaries and event attributes. Identifies the intersecting route (or county or route change or dead-end) for the beginning of the associated segment. It uses the eleven digit code for the route number or at the county line it will have the letter "BS" followed by the county code for the next county.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE PSEUDO

DESCRIPTION Change in event attributes for the segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BS000###

DESCRIPTION The segment intersects the state boundary. Eight digit value starting with the character "BS" and ending with the NCDOT state number. 901 = Georgia, 902 = South Carolina , 903 = Tennessee, 904 = Virginia.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE DEAD-END

DESCRIPTION The route segment ends.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE NA

DESCRIPTION Unable to identify type of intersection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE X-CROSS

DESCRIPTION The route crosses back over itself. An example would be a loop segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BC000###

DESCRIPTION The segment intersects a county boundary. Eight digit value starting with the character "BC" and ending with the NCDOT county # (001-100). See MaintCntyCode attribute description in RdChar metadata for county # values.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

Hide Field BeginFeatureID ▲

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 Route2Inventory ►

* **ALIAS** Route2Inventory

* **DATA TYPE** String

* **WIDTH** 1

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

Route 2 direction code - co-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 6

DESCRIPTION Non-Inventory (Westbound)

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 4

DESCRIPTION Non-Inventory (Southbound)

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 Route2Inventory ▲](#)

FIELD Endmp1 ►

* ALIAS EndMp1
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

End Milepost for dominant route (route number 1).

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field Endmp1 ▲](#)

FIELD Route6 ►

* ALIAS Route6
* DATA TYPE String
* WIDTH 15
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Eleven digit code describing the co-route. Built by concatenation of these fields:
"Route6Class","Route6Qualifier","Route6Inventory","Route6Number","MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field Route6 ▲](#)

FIELD Route3Inventory ►

* ALIAS Route3Inventory
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Route 3 direction code - co-route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 8
DESCRIPTION Inventory (Clockwise)
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 0
DESCRIPTION Inventory
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 4
DESCRIPTION Non-Inventory (Southbound)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

[Hide Field Route3Inventory ▲](#)

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 NCRouteArcs ▲](#)

[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 2024-10-15

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

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HAVE BEEN PERFORMED Yes

LAST UPDATE 2024-10-15 14:42:27

[Hide Metadata Details ▲](#)

Metadata Contacts ►

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CONTACT'S POSITION GIS Help Desk
CONTACT'S ROLE point of contact

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CONTACT'S ROLE originator

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Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY quarterly

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Metadata Constraints ►

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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