

# Public Road Characteristics, 3rd Quarter 2022 - NC Department of Transportation

## File Geodatabase Feature Class



### Tags

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

### Summary

This layer is a visual representation of public roads in North Carolina. State maintained routes are current through March 2022 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 a subset of road characteristics for the state road system. The state road system is comprised of Interstate, US, NC, Secondary Routes, and Ramps. Each arc/record is split where road characteristics change along a route. This dataset supports the Federal Highway Administration's (FHWA) data requirements for the Highway Performance Monitoring System (HPMS). HPMS is a national level highway information system that includes data on the extent, condition, performance, use, and operating characteristics of the Nation's highways. States are required to submit an HPMS report to FHWA annually. This dataset also contains projected routes, generalized locations of routes that will become part of the National Highway System (NHS) when they are built. The non-system roads are consumed and conflated from authoritative sources, including local (i.e. county), state (i.e. parks) and federal (i.e. Forest Service) entities. This dataset is updated daily. Data quality is tracked using the revision document fields (GeoDocType and GeoDocId). Legacy data are coded as not verified in the GeoDocType field. The geometry and spatial location of new data is verified with the most current information available (i.e aerial imagery).

### Credits

Spatial Data Management Group - Product creation; Data Conversion Group - System geometry, mileage, events; Local County Government - Non-system geometry, Street Name event; Transportation Asset Analytics - Events; Transportation Planning Branch - Functional Class, National Highway System; Traffic Safety Unit - Speed Limit.

### Use limitations

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

### Extent

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

### Scale Range

**Maximum (zoomed in)** 1:5,000

Minimum (zoomed out) 1:150,000,000

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

\* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Division, North Carolina, County

### THESAURUS ▶

TITLE User

CREATION DATE 2022-05-09 00:00:00

PUBLICATION DATE 2022-05-09 00:00:00

*Hide Thesaurus ▲*

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

### THESAURUS ▶

TITLE User

CREATION DATE 2022-05-09 00:00:00

PUBLICATION DATE 2022-05-09 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS Transportation

### THESAURUS ▶

TITLE ISO 19115 Topic Category

CREATION DATE 2022-05-09 00:00:00

PUBLICATION DATE 2022-05-09 00:00:00

*Hide Thesaurus ▲*

OTHER KEYWORDS Downloadable Data

*Hide Topics and Keywords ▲*

## Citation ▶

TITLE Public Road Characteristics, 3rd Quarter 2022 - NC Department of Transportation

PUBLICATION DATE 2022-08-08 00:00:00

PRESENTATION FORMATS digital map

*Hide Citation ▲*

## Citation Contacts ▶

RESPONSIBLE PARTY

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

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165  
FAX 919.707.2210

ADDRESS

TYPE

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

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

RESPONSIBLE PARTY

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

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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; Transportation Asset Analytics - Events; Transportation Planning Branch – Functional Class, National Highway System; Traffic Safety Unit - Speed Limit.

*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

TEMPORAL EXTENT

DATE AND TIME 2022-05-09 00:00:00

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 33.733249  
NORTH LATITUDE 36.617735  
EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.421752  
EAST LONGITUDE -75.418246  
SOUTH LATITUDE 33.7333  
NORTH LATITUDE 36.617735  
EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -84.421464  
\* EAST LONGITUDE -75.418363  
\* NORTH LATITUDE 36.615122  
\* SOUTH LATITUDE 33.733304  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

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

*Hide Extents ▲*

## Resource Points of Contact ►

POINT OF CONTACT

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

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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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[Hide Resource Maintenance ▲](#)

## 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 NCRouteCharacteristics

\* OBJECT TYPE composite

\* OBJECT COUNT 1134256

*Hide Vector ▲*

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteCharacteristics

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 1134256

\* 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 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 ►

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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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[Hide Process step ▲](#)

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  
CONTACT'S ROLE processor

CONTACT INFORMATION ▶

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*[Hide Contact information ▲](#)*

*[Hide Process step ▲](#)*

SOURCE DATA ▶

DESCRIPTION

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

RESOLUTION OF THE SOURCE DATA

SCALE DENOMINATOR 24000

*[Hide Source data ▲](#)*

*[Hide Lineage ▲](#)*

## Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

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ADMINISTRATIVE AREA North Carolina

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT  
\* NAME File Geodatabase Feature Class  
VERSION 10.5.1

DISTRIBUTION FORMAT  
\* NAME File Geodatabase Feature Class  
VERSION 10.5.1

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [NCRouteCharacteristics ►](#)

\* TYPE Feature Class  
\* ROW COUNT 1134256

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 [AadttMulti ►](#)

\* ALIAS AadttMulti  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Annual Average Daily Truck Traffic of Multi-Unit Trucks

DESCRIPTION SOURCE  
NCDOT

[Hide Field AadttMulti ▲](#)

FIELD [OwnerName ►](#)

\* ALIAS OwnerName  
\* DATA TYPE String  
\* WIDTH 100  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Ownership Name.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field OwnerName ▲](#)

FIELD HOVType ►

- \* ALIAS HOVType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The type of lanes used for HOV exclusively or during specified time periods.

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE Full-Time

DESCRIPTION Full-Time HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Part-Time

DESCRIPTION Part-Time HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Shldr/Prkg

DESCRIPTION Shoulder/Parking HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

[Hide Field HOVType ▲](#)

FIELD TollID ►

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

FIELD DESCRIPTION

The toll identifier assigned by FHWA

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE 193

DESCRIPTION Triangle Parkway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

VALUE 194

DESCRIPTION Western Wake Expressway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

[Hide Field TollID ▲](#)

FIELD TollCharged ►

- \* ALIAS TollCharged
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Indicates the travel direction that a toll is charged

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Both Dir

DESCRIPTION Both Directions

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE One Dir

DESCRIPTION One Direction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE None

DESCRIPTION No Toll Charged

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

*Hide Field TollCharged ▲*

FIELD AadttSingle ►

- \* ALIAS AadttSingle
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Annual Average Daily Truck Traffic of Single Unit Trucks

DESCRIPTION SOURCE

NCDOT

*Hide Field AadttSingle ▲*

FIELD MedianType ►

- \* ALIAS MedianType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Indicates the type of median, or presence of a continuous turn lane. No data indicates that the road is undivided.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Curb  
DESCRIPTION Curb  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE Striped  
DESCRIPTION Striped  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE PM  
DESCRIPTION Paved Mountable  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE Grass  
DESCRIPTION Grass  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE SRPB  
DESCRIPTION Semi-Rigid Positive Barrier  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE FPB  
DESCRIPTION Flexible Positive Barrier  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE RPB  
DESCRIPTION Rigid Positive Barrier  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

*Hide Field MedianType ▲*

FIELD **MilitaryBase ▶**

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

FIELD DESCRIPTION

The military base name for the Strategic Highway Network (STRAHNET) route.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2  
DESCRIPTION Seymour Johnson Air Force Base  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 6  
DESCRIPTION New River Marine Air Station  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 7  
DESCRIPTION Elizabeth City Coast Guard Air Station  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 3  
DESCRIPTION Fort Bragg Army Base  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 5

DESCRIPTION Cherry Point Marine Air Station  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 1  
DESCRIPTION Pope Air Force Base  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 4  
DESCRIPTION Camp Lejeune Marine Base  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

[Hide Field MilitaryBase ▲](#)

FIELD [SampleID ▶](#)

\* ALIAS SampleID  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION  
An identification number for the HPMS samples.

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES  
MINIMUM VALUE 100000  
MAXIMUM VALUE 999999  
UNITS OF MEASURE Feet

[Hide Field SampleID ▲](#)

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 [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 **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 **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 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 8

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

VALUE 9  
DESCRIPTION Business 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 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 7  
DESCRIPTION Connector 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 89  
DESCRIPTION Non-Mainline  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

*Hide Field RouteQualifier ▲*

FIELD SrfcWidth ►

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

FIELD DESCRIPTION

The width of the road, either the paved surface, or surface from ditch to ditch on unpaved roads.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 9  
MAXIMUM VALUE 400  
UNITS OF MEASURE Feet

*Hide Field SrfcWidth ▲*

FIELD STRAHNETType ►

- \* ALIAS STRAHNETType

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

FIELD DESCRIPTION

The military's Strategic Highway Network (STRAHNET), as defined in 23 CFR 470.107(b). Is part of the National Highway System.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Regular STRAHNET

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

VALUE 2

DESCRIPTION Connector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

*Hide Field STRAHNETType ▲*

FIELD UrbanPop ►

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

FIELD DESCRIPTION

The population grouping of the smooth boundary or municipality that the road segment is located within (includes unincorporated extensions).

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 6

DESCRIPTION 100,000 to 199,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 4

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 1

DESCRIPTION Less than 2,500

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 7

DESCRIPTION > 200,000

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 3

DESCRIPTION 5,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 5

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 2  
DESCRIPTION 2,500 to 4,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

*Hide Field UrbanPop ▲*

FIELD **MunPopGroup** ▶

\* ALIAS MunPopGroup  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

The population grouping of the municipality that the road segment is located within.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 6  
DESCRIPTION 25,000 to 49,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 7  
DESCRIPTION 50,000 to 99,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 8  
DESCRIPTION 100,000 and over  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 1  
DESCRIPTION Under 1,000 Population  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 3  
DESCRIPTION 2,500 to 4,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 2  
DESCRIPTION 1000 to 2,499  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 5  
DESCRIPTION 10,000 to 24,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 4  
DESCRIPTION 5,000 to 9,999  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

*Hide Field MunPopGroup ▲*

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 OI

DESCRIPTION Oneway Inventory

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 EB

DESCRIPTION Eastbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OO

DESCRIPTION Oneway Opposite

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CC

DESCRIPTION Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE WB

DESCRIPTION Westbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CW

DESCRIPTION Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

*Hide Field Direction ▲*

FIELD RtPvdShldrWidth ►

\* ALIAS RtPvdShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The paved shoulder surface width for right shoulders.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 16  
UNITS OF MEASURE Feet

[Hide Field RtPvdShldrWidth ▲](#)

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 [AddDocID ▶](#)

- \* ALIAS AddDocID
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The source document number that authorized the addition to the state maintained system.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDocID ▲](#)

FIELD [RtShldrWidth ▶](#)

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

FIELD DESCRIPTION

The total shoulder width for right shoulders. Includes paved and unpaved shoulders.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1  
MAXIMUM VALUE 30  
UNITS OF MEASURE Feet

[Hide Field RtShldrWidth ▲](#)

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 Both

DESCRIPTION Both Directions

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

VALUE One-way

DESCRIPTION One Direction

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

*Hide Field TravelDirection ▲*

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

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

DESCRIPTION System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

*Hide Field RouteMaintCode ▲*

FIELD [NHS ▶](#)

\* ALIAS NHS

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

A network of nationally significant highways approved by Congress in the National Highway System (NHS) Designation Act of 1995.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION Major Airport

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 21  
DESCRIPTION MAP-21  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 3  
DESCRIPTION Major Port Facility  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 6  
DESCRIPTION Major Inter-city Bus Terminal  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 7  
DESCRIPTION Major Public Transit Terminal/Multi-modal Passenger Terminal  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 8  
DESCRIPTION Major Pipeline Terminal  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 4  
DESCRIPTION Major Amtrak Station  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 11  
DESCRIPTION Congressional High Priority Corridor  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 1  
DESCRIPTION IS on the NHS  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 5  
DESCRIPTION Major Rail/Truck Terminal  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 9  
DESCRIPTION Major Ferry Terminal  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

[Hide Field NHS ▲](#)

#### FIELD MLength ▶

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

#### FIELD DESCRIPTION

Segment length calculated from LIDAR data

#### DESCRIPTION SOURCE

NCDOT GIS

[Hide Field MLength ▲](#)

#### FIELD RouteID ▶



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

FIELD DESCRIPTION

Eleven digit code describing route 1. Built by concatenation of these fields: "RouteClass", "RouteQualifier", "RouteInventory", "RouteNumber", "MaintCntyCode".

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field RouteID ▲*

FIELD EndFeatureID ►

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

FIELD DESCRIPTION

EndFeatureID is used to identify intersecting routes, boundaries and event attributes.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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 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 X-Cross

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE DEAD-END

DESCRIPTION The route segment ends.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

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 NA

DESCRIPTION Unable to identify type of intersection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

*Hide Field EndFeatureID ▲*

FIELD **LftShldrType** ▶

- \* ALIAS LftShldrType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Indicates the surface type of left shoulder.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Bitum

DESCRIPTION Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Concrete

DESCRIPTION Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Grass

DESCRIPTION Grass or Sod

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Gravel

DESCRIPTION Gravel or Stone

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Con

DESCRIPTION Curb-Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Bit

DESCRIPTION Curb-Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

*Hide Field LftShldrType ▲*

FIELD **AccessCont** ▶

- \* ALIAS AccessCont
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Used to indicate where some degree of control of through traffic movement is made to a road. No data indicates that the section of road has no access control (free movement with intersecting roads and driveways).

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Partial

**DESCRIPTION** Partial: PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO INTERCHANGES THERE MAY BE SOME CROSSING AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Code:dPubAccessControl

**VALUE** Full

**DESCRIPTION** Full: PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVMENTS BY PROVIDING INTERCHANGES WITH SELECTED ROADS, BY PROHIBITING CROSSINGS AT GRADE, AND BY PROHIBITING DIRECT DRIVEWAY CONNECTIONS.

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Code:dPubAccessControl

[Hide Field AccessCont ▲](#)

#### FIELD **PeakLanes** ▶

\* **ALIAS** PeakLanes

\* **DATA TYPE** SmallInteger

\* **WIDTH** 2

\* **PRECISION** 0

\* **SCALE** 0

#### **FIELD DESCRIPTION**

The number of lanes in the peak hour direction of flow, only if the value is not equal to ½ the number of lanes for undivided roads, or the number of lanes in the peak direction if the road is divided in the LRS. No data indicates that the information can be derived from the Number of Lanes table.

#### **DESCRIPTION SOURCE**

NCDOT GIS

#### **RANGE OF VALUES**

**MINIMUM VALUE** 1

**MAXIMUM VALUE** 12

**UNITS OF MEASURE** Lane

[Hide Field PeakLanes ▲](#)

#### FIELD **EndMP4** ▶

\* **ALIAS** EndMp4

\* **DATA TYPE** Double

\* **WIDTH** 8

\* **PRECISION** 0

\* **SCALE** 0

#### **FIELD DESCRIPTION**

End Milepost for route number 4.

#### **DESCRIPTION SOURCE**

NCDOT GIS

[Hide Field EndMP4 ▲](#)

#### FIELD **BeginMP3** ▶

\* **ALIAS** BeginMp3

\* **DATA TYPE** Double

\* **WIDTH** 8

\* **PRECISION** 0

\* **SCALE** 0

#### **FIELD DESCRIPTION**

Begin Milepost for route number 3.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field BeginMP3 ▲](#)

FIELD [DesignSpd ▶](#)

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

FIELD DESCRIPTION

Design Speed; the maximum speed at which a vehicle can safely operate on the road

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 15
- MAXIMUM VALUE 80
- UNITS OF MEASURE MPH

[Hide Field DesignSpd ▲](#)

FIELD [TollType ▶](#)

- \* ALIAS TollType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Used to identify the type of toll road

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

- VALUE HOT
- DESCRIPTION High Occupancy Toll (HOT) Lanes
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollType

- VALUE Regular
- DESCRIPTION Regular Toll
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollType

[Hide Field TollType ▲](#)

FIELD [BeginMP5 ▶](#)

- \* ALIAS BeginMp5
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Begin Milepost for route number 5.

DESCRIPTION SOURCE  
NCDOT GIS

*Hide Field BeginMP5 ▲*

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 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 Urbanized Area

DESCRIPTION Urbanized Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

VALUE Urban Cluster

DESCRIPTION Urban Cluster

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

*Hide Field UrbanType ▲*

FIELD EndMP2 ►

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

FIELD DESCRIPTION

End Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP2 ▲](#)

FIELD **UrbanID** ▶

- \* ALIAS UrbanID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Urban Identification Code, US Census Bureaus 5 digit urbanized area code.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 94996

DESCRIPTION Whiteville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 27415

DESCRIPTION EMERALD\_ISLE

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38269

DESCRIPTION Henderson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 26119

DESCRIPTION EDENTON

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 66592

DESCRIPTION Oxford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38809

DESCRIPTION High Point

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 25228

DESCRIPTION Durham-Chapel Hill-Carrboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 91108

DESCRIPTION Wadesboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 82522

DESCRIPTION Smithfield

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 59032

DESCRIPTION MOORESVILLE

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 35380

DESCRIPTION Greenville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 49501  
DESCRIPTION LEXINGTON  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 42400  
DESCRIPTION Jacksonville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 32653  
DESCRIPTION Gastonia  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 45397  
DESCRIPTION Kinston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 84574  
DESCRIPTION STATESVILLE  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 86761  
DESCRIPTION Taylorsville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 86707  
DESCRIPTION Tarboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 30331  
DESCRIPTION Forest City  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 60895  
DESCRIPTION Myrtle Beach-Socastee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 48178  
DESCRIPTION Laurinburg  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 40510  
DESCRIPTION HUBERT  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 45208  
DESCRIPTION KINGS\_MOUNTAIN  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 75448  
DESCRIPTION Roanoke Rapids  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 75772  
DESCRIPTION Rockingham-Hamlet  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 78391  
DESCRIPTION SALISBURY  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 11415

DESCRIPTION Buies Creek  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 26848  
DESCRIPTION Elkin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 95509  
DESCRIPTION Williamston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 64459  
DESCRIPTION Oak Island  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 54631  
DESCRIPTION Marion  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 63946  
DESCRIPTION North Wilkesboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 13942  
DESCRIPTION CAROLINASH  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 75988  
DESCRIPTION Rocky Mount  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 19558  
DESCRIPTION Concord  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 86024  
DESCRIPTION Swansboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 15670  
DESCRIPTION Charlotte  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 33814  
DESCRIPTION Goldsboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 26092  
DESCRIPTION Eden  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 57979  
DESCRIPTION Mocksville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 78877  
DESCRIPTION Sanford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 17425  
DESCRIPTION CLAYTON  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification



VALUE 5861  
DESCRIPTION Cherryville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 44965  
DESCRIPTION Kill Devil Hills  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 21664  
DESCRIPTION Cullowhee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 36585  
DESCRIPTION Hampstead  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 26686  
DESCRIPTION Elizabeth City  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 11728  
DESCRIPTION Burlington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 74152  
DESCRIPTION Reidsville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 31384  
DESCRIPTION Franklin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 982  
DESCRIPTION Albemarle  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 81199  
DESCRIPTION Shelby  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 92404  
DESCRIPTION Washington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 54199  
DESCRIPTION Manteo  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 81955  
DESCRIPTION Siler City  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 52066  
DESCRIPTION Lumberton  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 17992  
DESCRIPTION Clinton  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 12025

DESCRIPTION Butner  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 9055  
DESCRIPTION Boone  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 74601  
DESCRIPTION Richlands South  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 3331  
DESCRIPTION Asheboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 49987  
DESCRIPTION Lincolnton  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 94483  
DESCRIPTION WESTPORT  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 60031  
DESCRIPTION Mount Olive  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 95833  
DESCRIPTION Wilmington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 73234  
DESCRIPTION RAEFORD  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 59815  
DESCRIPTION Mount Airy  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 83197  
DESCRIPTION Pinehurst-Southern Pines  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 68401  
DESCRIPTION Pembroke  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 76501  
DESCRIPTION Roxboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 10027  
DESCRIPTION Brevard  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 59194  
DESCRIPTION Morehead City  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 25039  
DESCRIPTION Dunn  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 61840  
DESCRIPTION New Bern  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 95914  
DESCRIPTION Wilson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 3358  
DESCRIPTION French Broad River  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38647  
DESCRIPTION Hickory  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 96670  
DESCRIPTION Winston Salem  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 37675  
DESCRIPTION Havelock  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 73261  
DESCRIPTION Capital Area Metropolitan Organization  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 29440  
DESCRIPTION Fayetteville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 35164  
DESCRIPTION Greensboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

*Hide Field UrbanID ▲*

FIELD RtShldrType ►

- \* ALIAS RtShldrType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Indicates the surface type of right shoulder.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Gravel  
DESCRIPTION Gravel or Stone  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Concrete  
DESCRIPTION Concrete  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Grass  
DESCRIPTION Grass or Sod  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Bit  
DESCRIPTION Curb-Bituminous  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Bitum  
DESCRIPTION Bituminous  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Con  
DESCRIPTION Curb-Concrete  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

*Hide Field RtShldrType ▲*

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 M  
DESCRIPTION Municipal Agreement  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE P  
DESCRIPTION Petition  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE O  
DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE T  
DESCRIPTION TIP  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE R  
DESCRIPTION Project Alignment  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

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

*Hide Field SrcDocType ▲*

FIELD LftShldrWidth ►

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

FIELD DESCRIPTION

The total shoulder width for left shoulders. Includes paved and unpaved shoulders.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 1
- MAXIMUM VALUE 30
- UNITS OF MEASURE Feet

*Hide Field LftShldrWidth ▲*

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 [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.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- VALUE 4  
DESCRIPTION Minor Arterial  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass
- VALUE 2  
DESCRIPTION PA-FrwyExp  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass
- VALUE 1  
DESCRIPTION Interstate  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass
- VALUE 5

DESCRIPTION Major Collector  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 7  
DESCRIPTION Local  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 3  
DESCRIPTION PA-Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 6  
DESCRIPTION Minor Collector  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

*Hide Field FuncClass ▲*

FIELD **SrfcThickness** ►

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

FIELD DESCRIPTION

The thickness of the surface material of the road.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 0.25  
MAXIMUM VALUE 18  
UNITS OF MEASURE Inches

*Hide Field SrfcThickness ▲*

FIELD **SpeedLimit** ►

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

FIELD DESCRIPTION

"All maximum speed limits are established by North Carolina General Statute 20-141 (b) as being 35 miles per hour (MPH) for all vehicles within the corporate limits of a municipality and 55 MPH for all vehicles outside the corporate limits of a municipality. However, North Carolina General Statutes 20-141 (d) and 20-141 (f) allow the North Carolina Department of Transportation (NCDOT) to change maximum speed limits on State Highway System (SHS) roads following a traffic engineering study. Speed limits established by incorporated municipalities on non-SHS routes are not included in this data."

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field SpeedLimit ▲*

FIELD [BeginMP1](#) ▶

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

FIELD DESCRIPTION

Begin Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP1](#) ▲

FIELD [TownName](#) ▶

- \* ALIAS TownName
- \* DATA TYPE String
- \* WIDTH 30
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

A name identifying the municipality where the segment is located.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TownName](#) ▲

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 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 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 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

VALUE 7  
DESCRIPTION Federal 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 5  
DESCRIPTION Non-System  
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

*Hide Field RouteClass ▲*

FIELD **ImprvDocType** ►

- \* ALIAS ImprvDocType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The type of source document that authorized the improvement.

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE Other  
DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE TIP  
DESCRIPTION TIP  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Resfrc  
DESCRIPTION Resurfacing Package  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Paving Report  
DESCRIPTION Paving Report



[Hide Field ImprvDocType ▲](#)

FIELD [RouteID3 ▶](#)

- \* ALIAS RouteID3
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

[Hide Field RouteID3 ▲](#)

FIELD [EndMP6 ▶](#)

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

FIELD DESCRIPTION

End Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP6 ▲](#)

FIELD [FcltyType ▶](#)

- \* ALIAS FcltyType
- \* DATA TYPE String
- \* WIDTH 30
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Facility Type; Indicates operational characteristics of the road that cannot be derived from the LRS.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Couplet

DESCRIPTION Couplet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE GS Ramp

DESCRIPTION Grade-Separated Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE Non-Main

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE One Way

DESCRIPTION One-Way Roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

[Hide Field FcltyType ▲](#)

FIELD **ImprvDate** ▶

- \* ALIAS ImprvDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The date that the section of road was last improved

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field ImprvDate ▲](#)

FIELD **AADT** ▶

- \* ALIAS AADT
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Annual Average Daily Traffic

DESCRIPTION SOURCE

NCDOT

[Hide Field AADT ▲](#)

FIELD **RouteID5** ▶

- \* ALIAS RouteID5
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

[Hide Field RouteID5 ▲](#)

FIELD **LftTrnLnWidth** ▶

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

FIELD DESCRIPTION

The total width for left turning lanes.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 6

MAXIMUM VALUE 120

UNITS OF MEASURE Feet

*Hide Field LftTrnLnWidth ▲*

FIELD **GeoDocID** ▶

- \* ALIAS GeoDocID
- \* DATA TYPE String
- \* WIDTH 15
- \* 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 **NHSDate** ▶

- \* ALIAS NHSDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The date that the NHS section was officially approved. Month and year are required for HPMS.

DESCRIPTION SOURCE

memos from the Transportation Planning Branch,  
<http://www.ncdot.gov/planning/development/TIP/nhs/>

*Hide Field NHSDate ▲*

FIELD **RtTrnLnType** ▶

- \* ALIAS RtTrnLnType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Describes the peak period right turning lane situation. No data indicates that the section of road has no right turn lanes.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Single

DESCRIPTION Single Turn Lane

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Continuous

DESCRIPTION Continuous Turn Lane  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE No Peak  
DESCRIPTION No Turns During Peak Time  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Multiple  
DESCRIPTION Multiple Turn Lanes  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

*Hide Field RtTrnLnType ▲*

FIELD [RouteName ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

*Hide Field RouteName ▲*

FIELD [BeginMP2 ▶](#)

\* ALIAS BeginMp2  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Begin Milepost for route number 2.

DESCRIPTION SOURCE  
NCDOT GIS

*Hide Field BeginMP2 ▲*

FIELD [BeginFeatureID ▶](#)

\* ALIAS BeginFeatureID  
\* DATA TYPE String  
\* WIDTH 20  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

BeginFeatureID is used to identify intersecting routes, boundaries and event attributes.

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE DEAD-END

DESCRIPTION The route segment ends.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number  
DESCRIPTION See RouteID attribute description  
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 route crosses back over itself. An example would be a loop route.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE NA  
DESCRIPTION Unable to identify type of intersection.  
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 Pseudo  
DESCRIPTION Change in event attributes for the segment.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

*Hide Field BeginFeatureID ▲*

FIELD **MaintCntyCode ▶**

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

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE 018  
DESCRIPTION Catawba  
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 048  
DESCRIPTION Hyde  
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 071

DESCRIPTION Pender

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 062

DESCRIPTION Montgomery

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 037

DESCRIPTION Gates

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 045

DESCRIPTION Henderson

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 065

DESCRIPTION New Hanover

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 054

DESCRIPTION Lenoir

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 026

DESCRIPTION Cumberland

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 042

DESCRIPTION Halifax

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 069  
DESCRIPTION Pamlico  
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 088  
DESCRIPTION Transylvania  
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 903  
DESCRIPTION Tennessee  
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 067  
DESCRIPTION Onslow  
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 060  
DESCRIPTION Mecklenburg  
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 046  
DESCRIPTION Hertford  
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 095  
DESCRIPTION Watauga  
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 024  
DESCRIPTION Columbus

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 019

DESCRIPTION Chatham

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 035

DESCRIPTION Franklin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 078

DESCRIPTION Robeson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 059

DESCRIPTION McDowell

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 086

DESCRIPTION Surry

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 002

DESCRIPTION Alexander

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 029

DESCRIPTION Davidson

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 038

DESCRIPTION Graham

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 098  
DESCRIPTION Wilson  
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 074  
DESCRIPTION Pitt  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 034  
DESCRIPTION Forsyth  
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 012  
DESCRIPTION Burke  
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 072  
DESCRIPTION Perquimans  
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 015  
DESCRIPTION Camden  
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 058  
DESCRIPTION Martin  
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 004  
DESCRIPTION Anson  
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 005

DESCRIPTION Ashe

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 009

DESCRIPTION Bladen

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 014

DESCRIPTION Caldwell

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 089

DESCRIPTION Tyrrell

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 080

DESCRIPTION Rowan

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 061

DESCRIPTION Mitchell

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 063

DESCRIPTION Moore

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 007

DESCRIPTION Beaufort

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 904  
DESCRIPTION Virginia  
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 099  
DESCRIPTION Yadkin  
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 057  
DESCRIPTION Madison  
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 027  
DESCRIPTION Currituck  
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 064  
DESCRIPTION Nash  
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 044  
DESCRIPTION Haywood  
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 094  
DESCRIPTION Washington  
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 040  
DESCRIPTION Greene

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 017

DESCRIPTION Caswell

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 028

DESCRIPTION Dare

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 077

DESCRIPTION Richmond

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 010

DESCRIPTION Brunswick

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

*Hide Field MaintCntyCode ▲*

FIELD TerrainType ►

\* ALIAS TerrainType

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Type of Terrain, This is the type of terrain for the road segment

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION Rolling

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 1

DESCRIPTION Level

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 3

DESCRIPTION Mountainous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

[Hide Field TerrainType ▲](#)

FIELD **MaintOps** ▶

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

FIELD DESCRIPTION

Agency providing maintenance operations

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE **27**

DESCRIPTION **Railroad**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **60**

DESCRIPTION **Other Federal Agency**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **66**

DESCRIPTION **National Park Service**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **68**

DESCRIPTION **Bureau of Land Management**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **31**

DESCRIPTION **State Toll Road**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **63**

DESCRIPTION **Bureau of Fish and Wildlife**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **12**

DESCRIPTION **Local Park, Forest, or Reservation Agency**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **11**

DESCRIPTION **State Park, Forest, or Reservation Agency**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **2**

DESCRIPTION **County Highway Agency**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **3**

DESCRIPTION **Town or Township Highway Agency**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE **32**

DESCRIPTION **Local Toll Authority**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE **Code:dPubOwnership**

VALUE 26  
DESCRIPTION Private (other than Railroad)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73  
DESCRIPTION Navy/Marines  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 50  
DESCRIPTION Indian Tribe Nation  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 72  
DESCRIPTION Air Force  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21  
DESCRIPTION Other State Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 70  
DESCRIPTION Corps of Engineers  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 67  
DESCRIPTION Tennessee Valley Authority  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 69  
DESCRIPTION Bureau of Reclamation  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 64  
DESCRIPTION U.S. Forest Service  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 62  
DESCRIPTION Bureau of Indian Affairs  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 40  
DESCRIPTION Other Public Instrumentality (e.g., Airport)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 25  
DESCRIPTION Other Local Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4  
DESCRIPTION City or Municipal Highway Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 80  
DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74  
DESCRIPTION Army  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

FIELD [AddDocType](#) ▶

- \* ALIAS [AddDocType](#)
- \* DATA TYPE [String](#)
- \* WIDTH [10](#)
- \* PRECISION [0](#)
- \* SCALE [0](#)

FIELD DESCRIPTION

The type of source document that authorized the addition to the state maintained system.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE [Other](#)

DESCRIPTION [OTHER](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubAdditionDocument](#)

VALUE [TIP](#)

DESCRIPTION [TIP](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubAdditionDocument](#)

VALUE [MA](#)

DESCRIPTION [MUNICIPAL\\_AGREEMENT](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubAdditionDocument](#)

VALUE [Petition](#)

DESCRIPTION [Petition](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubAdditionDocument](#)

VALUE [Correction](#)

DESCRIPTION [Correction](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubAdditionDocument](#)

[Hide Field AddDocType](#) ▲

FIELD [BaseDetail](#) ▶

- \* ALIAS [BaseDetail](#)
- \* DATA TYPE [String](#)
- \* WIDTH [10](#)
- \* PRECISION [0](#)
- \* SCALE [0](#)

FIELD DESCRIPTION

Detailed base type values. The data is collected from petitions and municipal agreements for the Pavement Management Unit.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE [I19.0B](#)

DESCRIPTION [I19.0B](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubBaseDetail](#)

VALUE [Soil](#)

DESCRIPTION [Soil](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubBaseDetail](#)

VALUE STBC  
DESCRIPTION Soil Type Base Course  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE I19.0D  
DESCRIPTION I19.0D  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE CABC  
DESCRIPTION Coarse Aggregate Base Course  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE B25.0C  
DESCRIPTION B25.0C  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE CTABC  
DESCRIPTION CTBC Cement Treated Aggregate Base Course  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE ABC  
DESCRIPTION Aggregate Base Course, Stone  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE SS  
DESCRIPTION Stabilized Subgrade  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE B25.0B  
DESCRIPTION B25.0B  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE I19.0C  
DESCRIPTION I19.0C  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

[Hide Field BaseDetail ▲](#)

FIELD [BarePvmtRoute ▶](#)

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

FIELD DESCRIPTION

Bare Pavement Routes generally consist of all Interstate and four-lane divided Primary routes and other primary and secondary routes considered to be essential to the fulfillment of the overall objectives of snow and ice removal - the movement of intrastate traffic. These routes are the first to be cleared and/or chemically treated in the event of winter weather conditions.

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE Y  
DESCRIPTION Yes

[Hide Field BarePvmtRoute ▲](#)



FIELD EndMP3 ►

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

FIELD DESCRIPTION

End Milepost for route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP3 ▲](#)

FIELD LaneMiles ►

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

[Hide Field LaneMiles ▲](#)

FIELD RtTrnLnWidth ►

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

FIELD DESCRIPTION

The total width for right turning lanes.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 6  
MAXIMUM VALUE 120  
UNITS OF MEASURE Feet

[Hide Field RtTrnLnWidth ▲](#)

FIELD ImprvType ►

- \* ALIAS ImprvType
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The type of the last improvement to the road

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE RS  
DESCRIPTION Resurfacing  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE IP  
DESCRIPTION Initial Paving  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE NL  
DESCRIPTION Relocation  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE MI  
DESCRIPTION Minor Widening  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE MA  
DESCRIPTION Major Widening  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE BR  
DESCRIPTION Bridge Replacment  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE OT  
DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE SI  
DESCRIPTION Surface Improvement  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE NR  
DESCRIPTION New Construction  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE RE  
DESCRIPTION Reconstruction  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

*Hide Field ImprvType ▲*

FIELD EndMP5 ►

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

FIELD DESCRIPTION

End Milepost for route number 5.

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field EndMP5 ▲*

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 RouteID2 ▶

- \* ALIAS RouteID2
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

[Hide Field RouteID2 ▲](#)

FIELD TownCode ▶

- \* ALIAS TownCode
- \* DATA TYPE String
- \* WIDTH 6
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

A code identifying the municipality where the segment is located.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TownCode ▲](#)

FIELD AddDate ▶

- \* ALIAS AddDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

The date that the section of road was added to the state maintenance system or was constructed.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDate ▲](#)

FIELD LaneWidth ►

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

FIELD DESCRIPTION

Width on 1 travel lane.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 6
- MAXIMUM VALUE 20
- UNITS OF MEASURE Feet

[Hide Field LaneWidth ▲](#)

FIELD TrkRouteDate ►

- \* ALIAS TrkRouteDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Date added Internal and federally-designated truck routes. For Designated Truck Route (Federally approved) routes only, 1983-01-06 signed bill date, 1/1/1911 Route dominance conflict and Null dates for routes not reviewed. All others are not valid for Designated Truck Route (Federally approved) routes.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TrkRouteDate ▲](#)

FIELD MedianWidth ►

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

FIELD DESCRIPTION

Indicates the total median width from between the inside edges of surface pavement. For roads that are represented as divided in the LRS, half of the median width is stored on each side of the road.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 1
- MAXIMUM VALUE 999
- UNITS OF MEASURE Feet

[Hide Field MedianWidth ▲](#)

FIELD [GeoDocType](#) ▶

- \* ALIAS GeoDocType
- \* DATA TYPE String
- \* WIDTH 15
- \* 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 A

DESCRIPTION Aerial Photo

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE F

DESCRIPTION Field Research

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 O

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 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

[Hide Field GeoDocType](#) ▲

FIELD [ThruLaneCount](#) ▶

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

FIELD DESCRIPTION

The number of through lanes

DESCRIPTION SOURCE

## NCDOT GIS

### RANGE OF VALUES

MINIMUM VALUE 1  
MAXIMUM VALUE 12  
UNITS OF MEASURE Lanes

*Hide Field ThruLaneCount ▲*

### FIELD AadtDate ►

\* ALIAS AadtDate  
\* DATA TYPE String  
\* WIDTH 5  
\* PRECISION 0  
\* SCALE 0

#### FIELD DESCRIPTION

Estimated Annual Average Daily Traffic for specified year

#### DESCRIPTION SOURCE

NCDOT

*Hide Field AadtDate ▲*

### FIELD HOVLnCount ►

\* ALIAS HOVLnCount  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

#### FIELD DESCRIPTION

The number of lanes used for HOV

#### DESCRIPTION SOURCE

NCDOT GIS

### RANGE OF VALUES

MINIMUM VALUE 1  
MAXIMUM VALUE 12  
UNITS OF MEASURE Lane

*Hide Field HOVLnCount ▲*

### FIELD TrkRoute ►

\* ALIAS TrkRoute  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

#### FIELD DESCRIPTION

Routes designated for use by dimensioned commercial vehicles under the Surface Transportation Assistance Act (STAA) of 1982. No data indicates that trucks are allowed on the route without restrictions. Data are current at time of publication, for more up to date data, please see the official truck information available at: <https://connect.ncdot.gov/business/trucking/Pages/Truck-Network-and-Restrictions.aspx>

#### DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 4

DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 3

DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited during specific periods; not a designated Truck Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 5

DESCRIPTION Designated Truck Route (Federally approved)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 2

DESCRIPTION Parkway- Trucks/Commercial Vehicles Prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

*Hide Field TrkRoute ▲*

FIELD [LftPvdShldrWidth ▶](#)

\* ALIAS LftPvdShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The paved shoulder surface width for left shoulders.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 16

UNITS OF MEASURE Feet

*Hide Field LftPvdShldrWidth ▲*

FIELD [AADTTruck ▶](#)

\* ALIAS AADTTruck

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Annual Average Daily Truck Traffic

DESCRIPTION SOURCE

NCDOT

*Hide Field AADTTruck ▲*

FIELD [EndMP1 ▶](#)

\* ALIAS EndMp1

\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

End Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP1 ▲](#)

FIELD [SrfcType ▶](#)

\* ALIAS SrfcType  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

The generalized type of pavement surface on the road.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE BPCC\_PCC

DESCRIPTION Bonded PCC Overlay on PCC

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE Unpaved

DESCRIPTION Unpaved

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE UJC\_PCC

DESCRIPTION Unbonded JC Overlayon PCC

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE CRCP

DESCRIPTION CRCP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE AC\_JCP

DESCRIPTION AC overlay on JCP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE AC\_CRCP

DESCRIPTION AC overlay on CRCP)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE JPCP

DESCRIPTION JPCP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE AC\_AC

DESCRIPTION AC overlay on AC

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE Other

DESCRIPTION Other (includes bridge decks, whitetopping, brick)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM



VALUE Bitum  
DESCRIPTION Bituminous  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

[Hide Field SrfcType ▲](#)

FIELD [RouteID6 ▶](#)

\* ALIAS RouteID6  
\* DATA TYPE String  
\* WIDTH 15  
\* PRECISION 0  
\* SCALE 0

[Hide Field RouteID6 ▲](#)

FIELD [SrfcDetail ▶](#)

\* ALIAS SrfcDetail  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Detailed surface type values. The data is collected from petitions and municipal agreements for the Pavement Management Unit.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE S12.5C  
DESCRIPTION S12.5C  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE SF9.5A  
DESCRIPTION SF9.5A  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE HDS  
DESCRIPTION Heavy Duty Surface  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S4.75A  
DESCRIPTION S4.75A  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE Gravel  
DESCRIPTION Gravel  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5C  
DESCRIPTION S9.5C  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE JCP  
DESCRIPTION Jointed Concrete Pavement  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE Asphalt  
DESCRIPTION Asphalt, Hot Mix Asphalt, Plant Mix Asphalt  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5B  
DESCRIPTION S9.5B  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE AST  
DESCRIPTION AST  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE I-1  
DESCRIPTION I-1  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE CRCP  
DESCRIPTION Continuously reinforced concrete pavement  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5A  
DESCRIPTION S9.5A  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE BST  
DESCRIPTION BST  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE I-2  
DESCRIPTION I-2  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S12.5D  
DESCRIPTION S12.5D  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S12.5B  
DESCRIPTION S12.5B  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

*Hide Field SrfcDetail ▲*

FIELD **LftTrnLnType** ►

- \* ALIAS LftTrnLnType
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Describes the peak period left turning lane situation. No data indicates that the section of road has no left turn lanes.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Single  
DESCRIPTION Single Turn Lane  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Continuous  
DESCRIPTION Continuous Turn Lane  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Multiple  
DESCRIPTION Multiple Turn Lanes  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE No Peak  
DESCRIPTION No Turns During Peak Time  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

[Hide Field LftTrnLnType ▲](#)

FIELD ROW ►

\* ALIAS ROW  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

The width of land designated for the facility.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 0  
MAXIMUM VALUE 999  
UNITS OF MEASURE Feet

[Hide Field ROW ▲](#)

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 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 6  
DESCRIPTION Non-Inventory (Westbound)for primary routes and non-inventory for non-primary routes.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 1  
DESCRIPTION Non-Inventory for non-primary routes.  
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 OwnerType ►

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

FIELD DESCRIPTION

Identifies the owner of all roads open to public travel. No data indicates that the ownership is specified by route class.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 31  
DESCRIPTION State Toll Road  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4  
DESCRIPTION City or Municipal Highway Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73  
DESCRIPTION Navy/Marines  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60  
DESCRIPTION Other Federal Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 63  
DESCRIPTION Bureau of Fish and Wildlife  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 64  
DESCRIPTION U.S. Forest Service  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68  
DESCRIPTION Bureau of Land Management  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 11  
DESCRIPTION State Park, Forest, or Reservation Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74  
DESCRIPTION Army  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21  
DESCRIPTION Other State Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 62  
DESCRIPTION Bureau of Indian Affairs  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 70  
DESCRIPTION Corps of Engineers  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 2  
DESCRIPTION County Highway Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 27  
DESCRIPTION Railroad  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 80  
DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 26  
DESCRIPTION Private (other than Railroad)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 32  
DESCRIPTION Local Toll Authority  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 72  
DESCRIPTION Air Force  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 40  
DESCRIPTION Other Public Instrumentality (e.g., Airport)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 25  
DESCRIPTION Other Local Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 3  
DESCRIPTION Town or Township Highway Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 69  
DESCRIPTION Bureau of Reclamation  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 67  
DESCRIPTION Tennessee Valley Authority  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 66  
DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 50

DESCRIPTION Indian Tribe Nation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

*Hide Field OwnerType ▲*

FIELD **PostedRoute** ►

\* ALIAS PostedRoute

\* DATA TYPE String

\* WIDTH 20

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Posted routes are secondary system routes where truck traffic with axle weights exceeding 13000 lbs. is prohibited by ordinance

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Number

DESCRIPTION Ordinance number

*Hide Field PostedRoute ▲*

FIELD **BeginMP4** ►

\* ALIAS BeginMp4

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Begin Milepost for route number 4.

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field BeginMP4 ▲*

FIELD **ImprvDocID** ►

\* ALIAS ImprvDocID

\* DATA TYPE String

\* WIDTH 30

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The source document number that authorized the last improvement to the road.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field ImprvDocID ▲](#)

FIELD [BaseThickness ▶](#)

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

FIELD DESCRIPTION

The thickness of the base material of the road. Is collected from petitions and municipal agreements for the Pavement Management Unit.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 1
- MAXIMUM VALUE 14
- UNITS OF MEASURE Inches

[Hide Field BaseThickness ▲](#)

FIELD [FuncClassDate ▶](#)

- \* ALIAS FuncClassDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Functional Classification Date. The date which the road became part of the Federal Highway Administration.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field FuncClassDate ▲](#)

FIELD [STRAHNETDate ▶](#)

- \* ALIAS STRAHNETDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Strategic Highway Network Date

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field STRAHNETDate ▲](#)

FIELD [BeginMP6 ▶](#)

- \* ALIAS BeginMp6

\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Begin Milepost for route number 6.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field BeginMP6 ▲](#)

FIELD RouteID4 ►

\* ALIAS RouteID4  
\* DATA TYPE String  
\* WIDTH 15  
\* PRECISION 0  
\* SCALE 0

[Hide Field RouteID4 ▲](#)

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 NCRouteCharacteristics ▲](#)

[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 2022-08-03

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 2022-08-03 10:45:01  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2022-08-03 11:54:36

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2022-08-03 11:44:07

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

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

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FAX 919.707.2210

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

### HOURS OF SERVICE

8am to 5pm, M-F

### CONTACT INSTRUCTIONS

Phone or e-mail.

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### METADATA CONTACT

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

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

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## Metadata Maintenance ►

#### MAINTENANCE

UPDATE FREQUENCY quarterly

#### MAINTENANCE CONTACT

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

#### CONTACT INFORMATION ►

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[Hide Metadata Maintenance ▲](#)

## Metadata Constraints ►

### LEGAL CONSTRAINTS

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### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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## Thumbnail and Enclosures ►

### THUMBNAIL

THUMBNAIL TYPE JPG

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