

# Public Road Characteristics, 4th Quarter 2023 - 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, delivered in support of North Carolina Department of Transportation's (NCDOT) Highway Performance Monitoring System (HPMS) reporting. State maintained routes are current through September 2023 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. 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** 36.615120    **South** 33.733304

### Scale Range

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

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

\* CONTENT TYPE Downloadable Data  
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Division, North Carolina, County

### THESAURUS ▶

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

[Hide Thesaurus ▲](#)

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

### THESAURUS ▶

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

[Hide Thesaurus ▲](#)

THEME KEYWORDS Transportation

### THESAURUS ▶

TITLE ISO 19115 Topic Category  
PUBLICATION DATE 2023-11-06 00:00:00

[Hide Thesaurus ▲](#)

OTHER KEYWORDS Downloadable Data

[Hide Topics and Keywords ▲](#)

## Citation ▶

TITLE Public Road Characteristics, 4th Quarter 2023 - NC Department of Transportation  
PUBLICATION DATE 2023-11-06 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 ►

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FAX 919.707.2210

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COUNTRY US

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

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

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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

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

VERTICAL EXTENT

\* MINIMUM VALUE -59.600000  
\* MAXIMUM VALUE 6577.400000

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

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

VERTICAL EXTENT

\* MINIMUM VALUE -59.600000  
\* MAXIMUM VALUE 6577.400000

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -84.421464  
\* EAST LONGITUDE -75.418363  
\* NORTH LATITUDE 36.615120  
\* SOUTH LATITUDE 33.733304  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 406980.080272  
\* EAST LONGITUDE 3051823.000288  
\* SOUTH LATITUDE 35982.805072  
\* NORTH LATITUDE 1042847.424976  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

POINT OF CONTACT

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

CONTACT INFORMATION ►

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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

### CONTACT INFORMATION ►

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## Resource Constraints ►

### LEGAL CONSTRAINTS

#### LIMITATIONS OF USE

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### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

#### LIMITATIONS OF USE

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[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 0.200000000000000004  
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 1147260

*Hide Vector ▲*

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteCharacteristics

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 1147260

\* 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 Contact information ▲](#)

[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 Process step ▲](#)

SOURCE DATA ►

DESCRIPTION

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

RESOLUTION OF THE SOURCE DATA

SCALE DENOMINATOR 24000

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

## Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

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

CONTACT INSTRUCTIONS  
Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT  
VERSION 10.8.1  
\* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [NCRouteCharacteristics ►](#)

\* TYPE Feature Class  
\* ROW COUNT 1147260

### 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 for the segment.

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: Section has exclusive HOV lanes (no other use permitted)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Part-Time

DESCRIPTION Part-Time HOV: Normal through lane(s) used as HOV lanes during specified time periods

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Shldr/Prkg

DESCRIPTION Shoulder/Parking HOV: Shoulder/parking lane(s) used for HOV lanes during specific time periods

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 identifier assigned by FHWA to the toll road

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: Toll is charged in both directions

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE One Dir

DESCRIPTION One Direction: Toll is charged in one direction only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE None

DESCRIPTION No Toll Charged: No toll is charged on the toll road

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: This code is used for legacy data; eventually unspecified positive

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE Striped

DESCRIPTION Striped: painted pavement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

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

VALUE Grass  
DESCRIPTION Grass (Includes cable guardrail)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE SRPB  
DESCRIPTION Semi-Rigid Positive Barrier: A raised median with a sloped edge; includes guardrails  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE FPB  
DESCRIPTION Flexible Positive Barrier (Includes cable guardrails)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE RPB  
DESCRIPTION Rigid Positive Barrier: A raised median with a sloped edge; includes guardrails  
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

The HPMS Sample identification number

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

The document reference that created the segment or caused the most recent official change: 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 (Typical values are the TIP number or the Petition number).

*Hide Field SrcDocID ▲*

FIELD **RouteNumber** ►

\* ALIAS RouteNumber

\* DATA TYPE String

\* WIDTH 5

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route number - dominant route number: The route number represented by the 4th – 8th positions of the Route ID

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 (An additional code that further defines the dominant route)

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. Used only for US-19 West, which is a different route than US-19

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. Used only for US-19 East, which is a different route than US-19

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

VALUE 0  
DESCRIPTION Normal Route. On most routes this indicates it is the normal route. If the route class is FED, then 0 (Normal) is the Blue Ridge Parkway  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7  
DESCRIPTION Connector Route. If the Route Class is Interstate, then the route is a spur. If the Route Class is US or NC Route then the route is a connector.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route 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 route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

VALUE 2

DESCRIPTION STRAHNET Connector route

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 - indicates the direction of the dominant route

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 reference number or code of the document that created the segment/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. System Routes = Route Class IN (1,2,3,4,80,81,9); Non-System = Route Class IN (5,6,7,82)

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

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION Major Airport  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 21  
DESCRIPTION Enhanced NHS – section was added to the National Highway System as part of MAP-21 legislation on October 1, 2012. These roads were principal arterials that were not part of the existing NHS.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE 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 NHS: not Intermodal Connector/MAP-21  
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

Ending Intersection Feature for dominant route. Identifies the intersecting route (or county or route change or dead-end) for the ending of the associated segment.

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 Dominant intersecting Route which is determined by a. lowest numeric RouteClass then b. lowest numeric RouteQualifier then c. lowest numeric RouteNumber and lastly the d. lowest numeric

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Pseudo

DESCRIPTION Route event attributes change within a single segment such as StreetName and Pavement Type.

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 MOVEMENTS 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 co-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 co-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 co-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 (Transportation Improvement Program)  
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

The posted speed limit (in miles per hour). "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 the dominant route (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 document that references the most recent improvement to the segment.

DESCRIPTION SOURCE  
 NCDOT GIS

LIST OF VALUES

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

VALUE TIP  
 DESCRIPTION TIP (Transportation Improvement Plan)  
 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  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

[Hide Field ImprvDocType ▲](#)

FIELD [RouteID3 ▶](#)

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

FIELD DESCRIPTION  
RouteID for co-route number 3.

DESCRIPTION SOURCE  
NCDOT GIS

[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 co-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

Identifies the intersecting route (or county or route change or dead-end) for the beginning of the associated segment.

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

Generalized terrain classification for 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

The agency maintaining the segment.

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

*Hide Field MaintOps ▲*

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 co-route number 3.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field EndMP3 ▲](#)

FIELD **LaneMiles** ►

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

FIELD DESCRIPTION  
The Milepost Length multiplied by the number of lanes. In cases where the number of lanes is 0 or blank, the number of lanes is assumed to be 1.

DESCRIPTION SOURCE  
NCDOT GIS

[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 - Placement of additional material (concrete, asphalt, etc.) over the existing roadway to improve serviceability or to provide additional strength. There may be upgrading of unsafe features and other incidental work. If resurfacing is done as a final stage of construction the preceding stage (relocation, reconstruction, minor widening, etc.) is used as the improvement type.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE IP

DESCRIPTION Initial Paving - This is used the first time an unpaved road is paved.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE NL

DESCRIPTION Relocation - Construction of a facility on new location that replaces an existing route. The new facility carries all the through traffic, while the previous facility is closed or retained as a land-service road only.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE MI

DESCRIPTION Minor Widening - The addition of more width per through lane, shoulder improvements, and/or turn lanes (regardless of length or width) to an existing facility without adding through lanes. The existing pavement is salvaged. Also included, where necessary, is the resurfacing of the existing pavement and other incidental improvements such as shoulder and drainage improvements.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE MA

DESCRIPTION Major Widening - The addition of through lanes or dualization of an existing facility where the existing pavement is salvaged. Also included, where necessary, is the resurfacing of the existing pavement and other incidental improvements such as shoulder and drainage improvements.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE BR

DESCRIPTION Bridge Replacment - The total replacement of a structurally inadequate or functionally obsolete bridge with a new structure constructed in the same general traffic corridor to current geometric construction standards. A bridge removed and replaced with a lesser facility is considered a bridge replacement. Incidental roadway approach work is included.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE OT

DESCRIPTION Other - Other types of improvements.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE SI

DESCRIPTION Surface Improvement - Surface improvements such as crack sealing, diamond grinding, subsealing, joint repair, slurry seal, asphalt surface treatment, etc.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE NR

DESCRIPTION New Construction - Construction of a new route on an original location that does not replace an existing route, but which was designed and built as an independent facility.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE RE

DESCRIPTION Reconstruction- Reconstruction on substantially the same alignment. It may include the addition of through lanes, dualization, addition of interchanges or grade separations, or widening of through lanes. Reconstruction may also include the correction of alignment and/or shoulder and drainage deficiencies.

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 RestrictedAccess ►

\* ALIAS RestrictedAccess

\* DATA TYPE String

\* WIDTH 1

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Designation for whether road segment is maintained by a public entity but is inaccessible to the public (for example, roads on military bases) .

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RestrictedAccess ▲](#)

#### 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

FIELD DESCRIPTION

RouteID for co-route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[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 of one travel lane on the section.

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

The most recent data source type used to draw or modify the segment's alignment/geometry.

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: Indicates the segment alignment has not been verified by the GIS Unit;

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 HOV (high-occupancy vehicle) lanes.

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 the dominant route (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 - Unpaved (includes Aggregate Base Course)

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

VALUE UJC\_PCC

DESCRIPTION Unbonded JC Overlay on PCC: Unbonded jointed concrete overlay on PCC pavement

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

VALUE CRCP

DESCRIPTION CRCP - Continuously reinforced concrete pavement

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

VALUE AC\_JCP

DESCRIPTION AC overlay on JCP-AC overlay over existing jointed concrete pavement

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

VALUE AC\_CRCP

DESCRIPTION AC overlay on CRCP- Bituminous overlay over existing CRCP

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

VALUE JPCP

DESCRIPTION JPCP- Jointed Plain Concrete Pavement

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

VALUE AC\_AC

DESCRIPTION AC overlay on AC - Asphalt-concrete (AC) overlay over existing AC pavement

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](#)

FIELD DESCRIPTION

[RouteID](#) for co-route number 6.

DESCRIPTION SOURCE

[NCDOT GIS](#)

[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 acquired by NCDOT for roadway construction of improvement (in feet).

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 co-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

FIELD DESCRIPTION  
RouteID for co-route number 4.

DESCRIPTION SOURCE  
NCDOT GIS

[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 2023-10-17

#### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2023-10-09 20:41:16  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-10-17 90:23:50

#### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2023-10-17 08:58:03

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## 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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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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CONTACT'S POSITION GIS Help Desk  
CONTACT'S ROLE resource provider

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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

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## Metadata Constraints ►

### LEGAL CONSTRAINTS

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### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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## Thumbnail and Enclosures ►

### THUMBNAIL

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