

# Public Road Characteristics, 2nd Quarter 2019 - NC Department of Transportation

## SDE Feature Class



## Tags

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

## Summary

This layer is a visual representation of public roads in the State of North Carolina. System roads (state maintained) are current through March 2019 for changes by NCDOT Petitions and Municipal Agreements process. Non-system roads (maintained by local governments) are up-to-date according to the most current county data as of January 2015. A full list of any exceptions can be viewed in the metadata section 'Resource Details'. Ownership information has been completed for Tribal and Bureau of Indian Affairs roads in Swain County. Jackson, Cherokee, Graham and Haywood are in progress. HPMS Samples have been entered for all primary routes (completed in 2019 1st Quarter).

## Description

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

## Credits

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

## Use limitations

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

## Extent

**West** -84.421752 **East** -75.418246  
**North** 36.617735 **South** 33.733300

### Scale Range

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

### ArcGIS Metadata ▶

### Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina, Division, County

THESAURUS ▶

TITLE User

CREATION DATE 2019-04-05 00:00:00

PUBLICATION DATE 2019-05-13 00:00:00

*Hide Thesaurus ▲*

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

THESAURUS ▶

TITLE User

CREATION DATE 2019-04-05 00:00:00

PUBLICATION DATE 2019-05-13 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS Transportation

THESAURUS ▶

TITLE ISO 19115 Topic Category

CREATION DATE 2019-04-05 00:00:00

PUBLICATION DATE 2019-05-13 00:00:00

*Hide Thesaurus ▲*

OTHER KEYWORDS Downloadable Data

*Hide Topics and Keywords ▲*

### Citation ▶

TITLE Public Road Characteristics, 2nd Quarter 2019 - NC Department of Transportation

PUBLICATION DATE 2019-05-13 00:00:00

PRESENTATION FORMATS digital map

*Hide Citation ▲*

## Citation Contacts ►

### RESPONSIBLE PARTY

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

### CONTACT INFORMATION ►

#### PHONE

VOICE 919.707.2165  
FAX 919.707.2210

#### ADDRESS

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

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

## Resource Details ►

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

STATUS on-going  
SPATIAL REPRESENTATION TYPE vector

### SUPPLEMENTAL INFORMATION

This file should not be used for routing.

#### Non-System route exceptions:

Alamance (up-to-date as of 8/31/2017), Beaufort (up-to-date as of 3/13/2018), Bladen (up-to-date as of 3/13/2018), Brunswick (up-to-date as of 10/17/2017), Buncombe (up-to-date as of 4/2/2018), Burke (up-to-date as of 2/19/2018), Cabarrus (up-to-date as of 7/25/2017), Camden (up-to-date as of 5/18/2018), Carteret (up-to-date as of 3/8/2018), Catawba (up-to-date as of 10/19/2017), Chatham (up-to-date as of 10/12/2017), Chowan (up-to-date as of 5/21/2018), Columbus (up-to-date as of 9/26/2017), Craven (up-to-date as of 08/15/2017), Cumberland (up-to-date as of 7/25/2017), Dare (up-to-date as of 4/11/2018), Davidson (up-to-date as of 8/4/2017), Duplin (up-to-date as of 11/30/2017), Durham (up-to-date as of 07/13/2017), EBCN Eastern Band Cherokee Nation (up-to-date as of 9/17/2018), Edgecombe (up-to-date as of 3/26/2018), Forsyth (up-to-date as of 10/19/2017), Franklin (up-to-date as of 11/15/2017), Gaston (up-to-date as of 12/1/2017), Gates (up-to-date as of 06/29/2017), Granville (up-to-date as of 10/1/2017), Greene (up-to-date as of 3/28/2018), Guilford (up-to-date as of 7/26/2017), Halifax (up-to-date as of 9/27/2017), Harnett (up-to-date as of 7/27/2017), Henderson (up-to-date as of 3/29/2018), Hyde (up-to-date as of 5/15/2018), Iredell (up-to-date as of 11/1/2017), Johnston (up-to-date as of 8/25/2017), Jones (up-to-date as of 06/19/2017), Lee (up-to-date as of 11/7/2017), Lincoln (up-to-date as of 11/21/2017), Lenoir (up-to-date as of 3/15/2018), Macon (up-to-date as of 4/6/2018), Montgomery (up-to-date as of 2/19/2018), Moore (up-to-date as of 10/3/2017), Nash (up-to-date as of 03/09/2017), New Hanover (up-to-date as of 3/29/2018), Onslow (up-to-date as of 12/3/2017), Orange (up-to-date as of 8/31/2017), Pamlico (up-to-date as of 01/27/2017), Pasquotank (up-to-date as of 5/21/2018), Pender (up-to-date as of

12/14/2017), Perquimans (up-to-date as of 7/23/2018), Pitt (up-to-date as of 3/23/2018), Randolph (up-to-date as of 10/10/2017), Richmond (up-to-date as of 3/14/2018), Rockingham (up-to-date as of 3/20/2018), Rowan (up-to-date as of 10/18/2017), Scotland (up-to-date as of 12/15/2017), Stanly (up-to-date as of 10/4/2017), Surry (up-to-date as of 3/21/2018), Swain (up-to-date as of 9/14/2018), Tyrell (up-to-date as of 5/16/2018), Union (up-to-date as of 11/3/2017), Vance (up-to-date as of 11/16/2017), Wake (up-to-date as of 8/29/2017), Washington (up-to-date as of 3/27/2018), Wayne (up-to-date as of 9/25/2017), Wilson (up-to-date as of 3/21/2018), and Yadkin (up-to-date as of 10/2/2017).

#### Non-System Route Data Updated This Quarter:

Alexander (up-to-date as of 8/10/2018), Bertie (up-to-date as of 3/15/2018), Caldwell (up-to-date as of 8/6/2018), Caswell (up-to-date as of 5/30/2018), Cleveland (up-to-date as of 3/28/2018), Currituck (up-to-date as of 5/16/2018), Davie (up-to-date as of 10/24/2017), EBCN Cherokee (up-to-date as of 9/17/2018), EBCN Graham (up-to-date as of 9/17/2018), EBCN Haywood (up-to-date as of 9/17/2018), EBCN Jackson (up-to-date as of 9/17/2018), Graham (up-to-date as of 9/21/2018), Haywood (up-to-date as of 8/1/2017), Hertford (up-to-date as of 5/22/2018), Hoke (up-to-date as of 12/15/2017), Martin (up-to-date as of 3/26/2018), Mecklenburg (up-to-date as of 2/22/2018), Northampton (up-to-date as of 5/30/2018), Person (up-to-date as of 5/23/2018), Polk (up-to-date as of 8/23/2018), Robeson (up-to-date as of 3/20/2018), Rutherford (up-to-date as of 8/14/2018), Sampson (up-to-date as of 6/20/2018), Stokes (up-to-date as of 7/23/2018), Swain (up-to-date as of 8/31/2018), Transylvania (up-to-date as of 2/7/2019), Warren (up-to-date as of 11/20/2017), Watauga (up-to-date as of 8/7/2018) and Wilkes (up-to-date as of 7/9/2018).

#### Route Data Updates In Progress:

National Forest Service roads.

PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.5.1.4959

#### 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.

#### ARCGIS ITEM PROPERTIES

\* NAME NCRouteCharacteristics

[Hide Resource Details ▲](#)

### Extents ►

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.421752

EAST LONGITUDE -75.418246

SOUTH LATITUDE 33.733249

NORTH LATITUDE 36.617735

##### GEOGRAPHIC EXTENT

##### GEOGRAPHIC DESCRIPTION

DESCRIPTION CONTAINS THE RESOURCE No

#### TEMPORAL EXTENT

DATE AND TIME 2019-02-11 00:00:00

#### VERTICAL EXTENT

MINIMUM VALUE -59.6

MAXIMUM VALUE 6577.4

#### EXTENT

##### GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.421752  
EAST LONGITUDE -75.418246  
SOUTH LATITUDE 33.733249  
NORTH LATITUDE 36.617735  
EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

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

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -84.421752  
\* EAST LONGITUDE -75.418246  
\* NORTH LATITUDE 36.617735  
\* SOUTH LATITUDE 33.733300  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 406947.229168  
\* EAST LONGITUDE 3051823.000288  
\* SOUTH LATITUDE 35982.805072  
\* NORTH LATITUDE 1043799.812368  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

POINT OF CONTACT

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

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165  
FAX 919.707.2210

ADDRESS

TYPE

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

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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CONSTRAINTS

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 36365718.124241434

Z ORIGIN -100000

Z SCALE 9.9999999999999982

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.00052800000000000004

Z TOLERANCE 0.200000000000000004

M TOLERANCE 0.001

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 8.6.2

[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 1063945

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteCharacteristics

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polyline

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 1063945

\* 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 ▶

WHEN THE PROCESS OCCURRED 2019-02-11 00:00:00

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

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

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

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

*Hide Process step ▲*

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2019-05-13 00:00:00

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 ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US



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

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

CONTACT INSTRUCTIONS  
Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2019-05-13 00:00:00

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 ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

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POSTAL CODE 27604

COUNTRY US

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

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

CONTACT INSTRUCTIONS  
Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

SOURCE DATA ►

DESCRIPTION

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

RESOLUTION OF THE SOURCE DATA

SCALE DENOMINATOR 24000

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

## **Distribution ▶**

DISTRIBUTOR ▶

### CONTACT INFORMATION

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

### CONTACT INFORMATION ▶

#### PHONE

VOICE 919.707.2165  
FAX 919.707.2210

#### ADDRESS

##### TYPE

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

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

#### HOURS OF SERVICE

8am to 5pm, M-F

#### CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

### TRANSFER OPTIONS

#### ONLINE SOURCE

LOCATION <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

[Hide Distributor ▲](#)

### DISTRIBUTION FORMAT

NAME File Geodatabase Feature Class

VERSION 10.5.1

### DISTRIBUTION FORMAT

NAME Shape File

VERSION 10.5.1

[Hide Distribution ▲](#)

## **Fields ▶**

DETAILS FOR OBJECT [NCRouteCharacteristics ▶](#)

\* TYPE Feature Class

\* ROW COUNT 1063945

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 [RtPvdShldrWidth](#) ▶

- \* ALIAS RtPvdShldrWidth
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 [LftTrnLnWidth](#) ▶

- \* ALIAS LftTrnLnWidth
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 [EndMP5](#) ▶

- \* ALIAS EndMp5
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 5.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP5 ▲](#)

**FIELD RouteID4 ▶**

- \* ALIAS RouteID4
- \* DATA TYPE String
- \* WIDTH 11
- \* PRECISION 0
- \* SCALE 0

[Hide Field RouteID4 ▲](#)

**FIELD RouteMaintCode ▶**

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

**FIELD DESCRIPTION**

Route status code represents maintenance status of the dominant route

**DESCRIPTION SOURCE**

NCDOT GIS

**LIST OF VALUES**

DESCRIPTION System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

[Hide Field RouteMaintCode ▲](#)

**FIELD RtShldrType ▶**

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

**FIELD DESCRIPTION**

Indicates the surfce type of right shoulder.

**DESCRIPTION SOURCE**

NCDOT GIS

**LIST OF VALUES**

VALUE Grass

DESCRIPTION Grass or Sod

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Concrete

DESCRIPTION Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Bit

DESCRIPTION Curb-Bituminous

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 Bitum

DESCRIPTION Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

*Hide Field RtShldrType ▲*

FIELD MedianWidth ►

\* ALIAS MedianWidth

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 10

\* 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 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 RouteID5 ►

\* ALIAS RouteID5

\* DATA TYPE String

\* WIDTH 11

\* PRECISION 0

\* SCALE 0

[Hide Field RouteID5 ▲](#)

FIELD [BeginMP3 ▶](#)

- \* ALIAS BeginMp3
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP3 ▲](#)

FIELD [BeginMP2 ▶](#)

- \* ALIAS BeginMp2
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP2 ▲](#)

FIELD [BeginMP1 ▶](#)

- \* ALIAS BeginMp1
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP1 ▲](#)

FIELD [CounterPkLanes ▶](#)

- \* ALIAS CounterPkLanes
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

The number of lanes in the direction opposite the peak hour direction of flow, only if the value cannot be derived from the total number of lanes.

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES  
MINIMUM VALUE 1  
MAXIMUM VALUE 12  
UNITS OF MEASURE Lane

[Hide Field CounterPkLanes ▲](#)

FIELD [Direction ▶](#)

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

FIELD DESCRIPTION  
Route direction code - dominant route direction

DESCRIPTION SOURCE  
Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE	WB	DESCRIPTION	Westbound	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	BD	DESCRIPTION	Bidirectional	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	CC	DESCRIPTION	Counterclockwise	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	OI	DESCRIPTION	Oneway Inventory	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	OO	DESCRIPTION	Oneway Opposite	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	EB	DESCRIPTION	Eastbound	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	CW	DESCRIPTION	Clockwise	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	NB	DESCRIPTION	Northbound	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes
VALUE	SB	DESCRIPTION	Southbound	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	Valid Route Direction Codes

[Hide Field Direction ▲](#)

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 [Shape.STLength\(\)](#) ▶

- \* ALIAS Shape.STLength()
- \* DATA TYPE Double
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0

[Hide Field Shape.STLength\(\)](#) ▲

FIELD [OwnerType](#) ▶

- \* ALIAS OwnerType
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 32

DESCRIPTION Local Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency



ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21

DESCRIPTION Other State Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 2

DESCRIPTION County Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 50

DESCRIPTION Indian Tribe Nation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 25

DESCRIPTION Other Local Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 80

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 27

DESCRIPTION Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 31

DESCRIPTION State Toll Road

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 40

DESCRIPTION Other Public Instrumentality (e.g., Airport)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 72

DESCRIPTION Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 26

DESCRIPTION Private (other than Railroad)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 69

DESCRIPTION Bureau of Reclamation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4

DESCRIPTION City or Municipal Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60

DESCRIPTION Other Federal Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 3

DESCRIPTION Town or Township Highway Agency

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

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

VALUE 66  
DESCRIPTION National Park Service  
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

*Hide Field OwnerType ▲*

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 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 Concrete  
DESCRIPTION Concrete  
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 [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 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 Single

DESCRIPTION Single Turn Lane

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Multiple

DESCRIPTION Multiple Turn Lanes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

[Hide Field LftTrnLnType ▲](#)

FIELD [LftPvdShldrWidth ▶](#)

\* ALIAS LftPvdShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* 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 EndMP1 ►

- \* ALIAS EndMp1
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP1 ▲](#)

FIELD HOVLnCount ►

- \* ALIAS HOVLnCount
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

The number of lanes used for HOV

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1  
MAXIMUM VALUE 12  
UNITS OF MEASURE Lane

[Hide Field HOVLnCount ▲](#)

FIELD 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 S4.75A  
DESCRIPTION S4.75A  
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 S12.5D  
DESCRIPTION S12.5D  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

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

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

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

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

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

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

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

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

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

VALUE S12.5B  
DESCRIPTION S12.5B  
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 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

[Hide Field SrfcDetail ▲](#)

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 BaseThickness ►

\* ALIAS BaseThickness  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 38  
\* SCALE 8

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 AccessCont ►

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

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

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES  
VALUE Partial  
DESCRIPTION Partial: PREFERENCE HAS BEEN GIVEN TO THROUGH TRAFFIC MOVEMENT. IN ADDITION TO INTERCHANGES THERE MAY BE SOME CROSSING AT GRADE WITH PUBLIC ROADS, BUT DIRECT PRIVATE DRIVEWAY CONNECTIONS HAVE BEEN MINIMIZED.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAccessControl

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

[Hide Field AccessCont ▲](#)

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 Shape ►

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD EndMP6 ►

- \* ALIAS EndMp6
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP6 ▲](#)

FIELD NHS ►

- \* ALIAS NHS
- \* DATA TYPE SmallInteger

\* WIDTH 2  
\* PRECISION 5  
\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 6

DESCRIPTION Major Inter-city Bus Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 9

DESCRIPTION Major Ferry Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 11

DESCRIPTION Congressional High Priority Corridor

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 2

DESCRIPTION Major Airport

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 3

DESCRIPTION Major Port Facility

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 4

DESCRIPTION Major Amtrak Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 5

DESCRIPTION Major Rail/Truck Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 1

DESCRIPTION IS on the NHS

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 21

DESCRIPTION MAP-21

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 8

DESCRIPTION Major Pipeline Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

[Hide Field NHS ▲](#)

FIELD [ImprvDocType ▶](#)

\* ALIAS ImprvDocType  
\* DATA TYPE String



\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION

The type of source document that authorized the improvement.

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

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

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

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

VALUE Paving Report  
DESCRIPTION Paving Report  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

*Hide Field ImprvDocType ▲*

FIELD **TravelDirection** ►

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

FIELD DESCRIPTION  
Oneway direction flag - identifies one way traffic flow

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

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

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

*Hide Field TravelDirection ▲*

FIELD **MPLength** ►

\* ALIAS MPLength  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 38  
\* SCALE 8

FIELD DESCRIPTION

Segment length calculated from LIDAR data

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field MPLength ▲](#)

FIELD TerrainType ►

- \* ALIAS TerrainType
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Level

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 3

DESCRIPTION Mountainous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 2

DESCRIPTION Rolling

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

[Hide Field TerrainType ▲](#)

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 EndMP2 ►

- \* ALIAS EndMp2
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 2.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field EndMP2 ▲](#)

FIELD [GeoDocType ▶](#)

\* ALIAS GeoDocType  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE L

DESCRIPTION Plat

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE A

DESCRIPTION Aerial Photo

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE P

DESCRIPTION Parcels

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE G

DESCRIPTION GPS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE F

DESCRIPTION Field Research

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE N

DESCRIPTION Not-Verified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE O

DESCRIPTION Other

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 [EndMP4 ▶](#)

\* ALIAS EndMp4  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 4.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP4 ▲](#)

FIELD [BeginMP4 ▶](#)

\* ALIAS BeginMp4

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 4.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP4 ▲](#)

FIELD [AddDocID ▶](#)

\* ALIAS AddDocID

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDocID ▲](#)

FIELD [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 TollID ▶

- \* ALIAS TollID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

The toll identifier assigned by FHWA

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 194  
 DESCRIPTION Western Wake Expressway  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

VALUE 193  
 DESCRIPTION Triangle Parkway  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

*Hide Field TollID ▲*

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

VALUE 2  
 DESCRIPTION US Route  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

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

VALUE 1

DESCRIPTION Interstate  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 6  
DESCRIPTION Other State Agency Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

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

VALUE 4  
DESCRIPTION Secondary Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

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

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

*Hide Field RouteClass ▲*

FIELD ROW ►

- \* ALIAS ROW
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION  
The width of land designated for the facility.

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES  
MINIMUM VALUE 0  
MAXIMUM VALUE 999  
UNITS OF MEASURE Feet

*Hide Field ROW ▲*

FIELD SrcDocType ►

- \* ALIAS SrcDocType
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

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

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES  
VALUE 0

DESCRIPTION Other  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

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

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

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

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

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

*Hide Field SrcDocType ▲*

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 Grass  
DESCRIPTION Grass  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

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

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

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

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

VALUE RPB

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

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

[Hide Field MedianType ▲](#)

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

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

[Hide Field TollType ▲](#)

FIELD TollCharged ▶

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

FIELD DESCRIPTION  
Indicates the travel direction that a toll is charged

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES  
VALUE Both Dir  
DESCRIPTION Both Directions  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE None  
DESCRIPTION No Toll Charged  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE One Dir  
DESCRIPTION One Direction  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

[Hide Field TollCharged ▲](#)



FIELD MaintOps ▶

- \* ALIAS MaintOps
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

Agency providing maintenance operations

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 70

DESCRIPTION Corps of Engineers

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 25

DESCRIPTION Other Local Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 50

DESCRIPTION Indian Tribe Nation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 31

DESCRIPTION State Toll Road

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 40

DESCRIPTION Other Public Instrumentality (e.g., Airport)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 80

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 27

DESCRIPTION Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60

DESCRIPTION Other Federal Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 67

DESCRIPTION Tennessee Valley Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4

DESCRIPTION City or Municipal 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 62

DESCRIPTION Bureau of Indian Affairs

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 2

DESCRIPTION County Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 64

DESCRIPTION U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 32

DESCRIPTION Local Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 69

DESCRIPTION Bureau of Reclamation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21

DESCRIPTION Other State Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 26

DESCRIPTION Private (other than Railroad)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 72

DESCRIPTION Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 66

DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

FIELD HOVAccess ▶

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

FIELD DESCRIPTION

Indicates HOV lane type.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Buses

DESCRIPTION Buses Only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVAccess

VALUE 2 or More

DESCRIPTION 2 or More People

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVAccess

*Hide Field HOVAccess ▲*

FIELD MunPopGroup ▶

- \* ALIAS MunPopGroup
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 2

DESCRIPTION 1000 to 2,499

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 8

DESCRIPTION 100,000 and over

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 3

DESCRIPTION 2,500 to 4,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 7

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 4

DESCRIPTION 5,000 to 9,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 1

DESCRIPTION Under 1,000 Population

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

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

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

[Hide Field MunPopGroup ▲](#)

FIELD LaneWidth ►

\* ALIAS LaneWidth  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 5  
\* SCALE 0

FIELD DESCRIPTION  
Width on 1 travel lane.

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES  
MINIMUM VALUE 6  
MAXIMUM VALUE 20  
UNITS OF MEASURE Feet

[Hide Field LaneWidth ▲](#)

FIELD RouteNumber ►

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

FIELD DESCRIPTION  
Route number - dominant route number

DESCRIPTION SOURCE  
Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES  
Positive real numbers that are manually generated

[Hide Field RouteNumber ▲](#)

FIELD MilitaryBase ►

\* ALIAS MilitaryBase  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 5  
\* SCALE 0

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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 2

DESCRIPTION Seymour Johnson Air Force Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 5

DESCRIPTION Cherry Point Marine Air Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 4

DESCRIPTION Camp Lejeune Marine Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 1

DESCRIPTION Pope 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

[Hide Field MilitaryBase ▲](#)

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 FciltyType ►

\* ALIAS FciltyType

\* DATA TYPE String

\* WIDTH 20

\* 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 One Way

DESCRIPTION One-Way Roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE Non-Main

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

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

*Hide Field FcltyType ▲*

FIELD LaneMiles ►

\* ALIAS LaneMiles

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

*Hide Field LaneMiles ▲*

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 UrbanType ►

\* ALIAS UrbanType

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Urban Cluster

DESCRIPTION Urban Cluster

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

VALUE Urbanized Area

DESCRIPTION Urbanized Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

*Hide Field UrbanType ▲*

FIELD RouteID3 ►

\* ALIAS RouteID3

\* DATA TYPE String

\* WIDTH 11

\* PRECISION 0

\* SCALE 0

*Hide Field RouteID3 ▲*

FIELD SrfcThickness ►

\* ALIAS SrfcThickness

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

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 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 TrkRoute ▲](#)

FIELD **TrkRoute** ▶

- \* ALIAS TrkRoute
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 5

DESCRIPTION Designated Truck Route (Federally approved)

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 4

DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited

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 **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 STBC



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

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

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

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

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

VALUE Soil  
DESCRIPTION Soil  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

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

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

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

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

*Hide Field BaseDetail ▲*

FIELD OBJECTID ►

- \* ALIAS OBJECTID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 10
- \* 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 [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 [LftShldrWidth](#) ▶

- \* ALIAS `LftShldrWidth`
- \* DATA TYPE `SmallInteger`
- \* WIDTH `2`
- \* PRECISION `5`
- \* 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 [EndMP3](#) ▶

- \* ALIAS `EndMp3`
- \* DATA TYPE `Double`
- \* WIDTH `8`
- \* PRECISION `38`
- \* SCALE `8`

FIELD DESCRIPTION

End Milepost for route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP3](#) ▲

FIELD [STRAHNETType](#) ▶

- \* ALIAS `STRAHNETType`
- \* DATA TYPE `SmallInteger`
- \* WIDTH `2`
- \* PRECISION `5`
- \* SCALE `0`

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Regular STRAHNET

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

VALUE 2

DESCRIPTION Connector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

*Hide Field STRAHNETType ▲*

FIELD **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 054

DESCRIPTION Lenoir

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 014

DESCRIPTION Caldwell

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 902

DESCRIPTION South Carolina

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 024

DESCRIPTION Columbus

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 071  
DESCRIPTION Pender  
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 048  
DESCRIPTION Hyde  
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 005  
DESCRIPTION Ashe  
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 004  
DESCRIPTION Anson  
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 035  
DESCRIPTION Franklin  
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 093  
DESCRIPTION Warren  
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 021  
DESCRIPTION Chowan  
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 028  
DESCRIPTION Dare  
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 074  
DESCRIPTION Pitt  
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 047  
DESCRIPTION Hoke  
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 050  
DESCRIPTION Jackson  
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 009  
DESCRIPTION Bladen  
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 017  
DESCRIPTION Caswell  
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 011  
DESCRIPTION Buncombe  
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 092  
DESCRIPTION Wake  
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 051

DESCRIPTION Johnston  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 081  
DESCRIPTION Rutherford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 015  
DESCRIPTION Camden  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 091  
DESCRIPTION Vance  
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 066  
DESCRIPTION Northampton  
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 059  
DESCRIPTION McDowell  
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 083  
DESCRIPTION Scotland  
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 067  
DESCRIPTION Onslow  
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 010  
DESCRIPTION Brunswick  
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 040  
DESCRIPTION Greene  
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 097  
DESCRIPTION Wilkes  
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 079  
DESCRIPTION Rockingham  
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 061  
DESCRIPTION Mitchell  
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 080  
DESCRIPTION Rowan  
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 029  
DESCRIPTION Davidson  
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 098  
DESCRIPTION Wilson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 075  
DESCRIPTION Polk  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 034  
DESCRIPTION Forsyth  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 085  
DESCRIPTION Stokes  
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 045  
DESCRIPTION Henderson  
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 018  
DESCRIPTION Catawba  
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 096  
DESCRIPTION Wayne  
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 062  
DESCRIPTION Montgomery  
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 068  
DESCRIPTION Orange  
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 030  
DESCRIPTION Davie  
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 072  
DESCRIPTION Perquimans  
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 022  
DESCRIPTION Clay  
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 065  
DESCRIPTION New Hanover  
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 055  
DESCRIPTION Lincoln  
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 001  
DESCRIPTION Alamance  
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 046  
DESCRIPTION Hertford  
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 094  
DESCRIPTION Washington  
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 903  
DESCRIPTION Tennessee  
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 086  
DESCRIPTION Surry  
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 012

DESCRIPTION Burke  
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 019  
DESCRIPTION Chatham  
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 063  
DESCRIPTION Moore  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

*Hide Field MaintCntyCode ▲*

FIELD RouteID6 ►

- \* ALIAS RouteID6
- \* DATA TYPE String
- \* WIDTH 11
- \* PRECISION 0
- \* SCALE 0

*Hide Field RouteID6 ▲*

FIELD Division ►

- \* ALIAS Division
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

FIELD DESCRIPTION

The NCDOT Division number for each route segment

DESCRIPTION SOURCE

NCDOT

*Hide Field Division ▲*

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 TIP

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE MA

DESCRIPTION MUNICIPAL\_AGREEMENT

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Correction

DESCRIPTION Correction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Other

DESCRIPTION OTHER

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Petition

DESCRIPTION Petition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

*Hide Field AddDocType ▲*

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 ThruLaneCount ►

\* ALIAS ThruLaneCount

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* 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 [BeginFeatureID](#) ▶

- \* ALIAS BeginFeatureID
- \* DATA TYPE String
- \* WIDTH 100
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE NA

DESCRIPTION Unable to identify type of intersection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE DEAD-END

DESCRIPTION The route segment ends.

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 Pseudo

DESCRIPTION Change in event attributes for the segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BS000###

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 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

[Hide Field BeginFeatureID](#) ▲

FIELD [UrbanPop](#) ▶

- \* ALIAS UrbanPop
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 7

DESCRIPTION > 200,000

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 6

DESCRIPTION 100,000 to 199,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 5

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 4

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 3

DESCRIPTION 5,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 1

DESCRIPTION Less than 2,500

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 SrcDocID ►

\* ALIAS SrcDocID

\* DATA TYPE String

\* WIDTH 30

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field SrcDocID ▲](#)

FIELD 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 [SrfcWidth ▶](#)

\* ALIAS SrfcWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* 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 [ImprvType ▶](#)

\* ALIAS ImprvType

\* DATA TYPE String

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The type of the last improvement to the road

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE RS

DESCRIPTION Resurfacing

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE BR

DESCRIPTION Bridge Replacment

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE SI

DESCRIPTION Surface Improvement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

VALUE RE

DESCRIPTION Reconstruction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

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

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

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

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

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

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

*Hide Field ImprvType ▲*

FIELD **RouteQualifier** ►

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

FIELD DESCRIPTION

Route primary code - dominant route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 6  
 DESCRIPTION West 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 89  
 DESCRIPTION Non-Mainline  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

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

VALUE 8  
 DESCRIPTION Truck Route  
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 81

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

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

VALUE 0  
DESCRIPTION Normal Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

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

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

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

*Hide Field RouteQualifier ▲*

FIELD AppaDevHwy ►

- \* ALIAS AppaDevHwy
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Appalachian Development Highway. Indicates segments part of the Appalachian Development Highway.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Y  
DESCRIPTION Yes

*Hide Field AppaDevHwy ▲*

FIELD RtShldrWidth ►

- \* ALIAS RtShldrWidth
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 [RouteID2 ▶](#)

- \* ALIAS RouteID2
- \* DATA TYPE String
- \* WIDTH 11
- \* PRECISION 0
- \* SCALE 0

[Hide Field RouteID2 ▲](#)

FIELD [EndFeatureID ▶](#)

- \* ALIAS EndFeatureID
- \* DATA TYPE String
- \* WIDTH 100
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE BC000###

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE 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 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

VALUE X-Cross

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

[Hide Field EndFeatureID ▲](#)

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 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

VALUE Single

DESCRIPTION Single Turn Lane

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

[Hide Field RtTrnLnType ▲](#)

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 [BeginMP6 ▶](#)

- \* ALIAS BeginMp6
- \* DATA TYPE Double

\* WIDTH 8  
\* PRECISION 38  
\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP6 ▲](#)

FIELD [FuncClass ▶](#)

\* ALIAS FuncClass  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 5  
\* 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 1

DESCRIPTION Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 2

DESCRIPTION PA-FrwyExp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 6

DESCRIPTION Minor Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 7

DESCRIPTION Local

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 5

DESCRIPTION Major Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 3

DESCRIPTION PA-Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 4

DESCRIPTION Minor Arterial

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

[Hide Field FuncClass ▲](#)

FIELD [DesignSpd ▶](#)

\* ALIAS DesignSpd  
\* DATA TYPE SmallInteger

\* WIDTH 2  
\* PRECISION 5  
\* 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 RtTrnLnWidth ►

\* ALIAS RtTrnLnWidth  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 5  
\* 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 RouteInventory ►

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

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Non-Inventory for non-primary routes.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 4

DESCRIPTION Non-Inventory (Southbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 9

DESCRIPTION Non-Inventory (Counterclockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)for primary routes and 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 UrbanID ►

\* ALIAS UrbanID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 10

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 35380

DESCRIPTION Greenville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 982

DESCRIPTION Albemarle

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 86707

DESCRIPTION Tarboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 81199

DESCRIPTION Shelby

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38647

DESCRIPTION Hickory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 81955

DESCRIPTION Siler City

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 59032

DESCRIPTION MOORESVILLE

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 76501

DESCRIPTION Roxboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

VALUE 82522  
DESCRIPTION Smithfield  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

VALUE 38809  
DESCRIPTION High Point  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

VALUE 83197  
DESCRIPTION Pinehurst-Southern Pines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

VALUE 38269  
DESCRIPTION Henderson  
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 74152  
DESCRIPTION Reidsville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

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

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

VALUE 11415  
DESCRIPTION Buies Creek  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

VALUE 94996  
DESCRIPTION Whiteville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

VALUE 74601  
DESCRIPTION Richlands South



ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 25228  
DESCRIPTION Durham-Chapel Hill-Carrboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 27415  
DESCRIPTION EMERALD\_ISLE  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

VALUE 26119  
DESCRIPTION EDENTON  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

VALUE 12025  
DESCRIPTION Butner  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

VALUE 66592  
DESCRIPTION Oxford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 91108  
DESCRIPTION Wadesboro  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

[Hide Field UrbanID ▲](#)

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 [BeginMP5 ▶](#)

- \* ALIAS [BeginMp5](#)
- \* DATA TYPE [Double](#)
- \* WIDTH [8](#)
- \* PRECISION [38](#)
- \* SCALE [8](#)

FIELD DESCRIPTION

Begin Milepost for route number 5.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field BeginMP5 ▲](#)

FIELD [SampleID ▶](#)

- \* ALIAS [SampleID](#)
- \* DATA TYPE [Integer](#)
- \* WIDTH [4](#)
- \* PRECISION [10](#)
- \* SCALE [0](#)

FIELD DESCRIPTION

An identification number for the HPMS samples.

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE [100000](#)  
MAXIMUM VALUE [999999](#)  
UNITS OF MEASURE [Feet](#)

[Hide Field SampleID ▲](#)

FIELD [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 [UJC\\_PCC](#)  
DESCRIPTION [Unbonded JC Overlayon PCC](#)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

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

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

VALUE AC\_CRCP  
DESCRIPTION AC overlay on CRCP  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE AC\_AC  
DESCRIPTION AC overlay on AC  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

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

VALUE BPCCC\_PCC  
DESCRIPTION Bonded PCC Overlay on PCC  
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 CRCP  
DESCRIPTION CRCP  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

VALUE AC\_JCP  
DESCRIPTION AC overlay on JCP  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC\_TYP\_TYP\_NM

*Hide Field SrfcType ▲*

FIELD SpeedLimit ►

- \* ALIAS SpeedLimit
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 10
- \* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

*Hide Field SpeedLimit ▲*

FIELD PeakLanes ►

- \* ALIAS PeakLanes
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* 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 OwnerName ►

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

FIELD DESCRIPTION

Ownership Name.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field OwnerName ▲](#)

FIELD RouteID ►

- \* ALIAS RouteID
- \* DATA TYPE String
- \* WIDTH 255
- \* 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 GeoDocID ►

- \* ALIAS GeoDocID
- \* DATA TYPE String
- \* WIDTH 20
- \* 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 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 Shldr/Prkg

DESCRIPTION Shoulder/Parking HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Part-Time

DESCRIPTION Part-Time HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Full-Time

DESCRIPTION Full-Time HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

[Hide Field HOVType ▲](#)

[Hide Details for object NCRouteCharacteristics ▲](#)

[Hide Fields ▲](#)

**Metadata Details ►**

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 391CB942-37BD-4128-8E3D-68BC98C096F9

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME dataset

LAST UPDATE 2019-01-22

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2019-04-03 15:09:23  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-04-11 11:00:10

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2019-04-09 09:49:28

[Hide Metadata Details ▲](#)

**Metadata Contacts ►**

METADATA CONTACT

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

CONTACT INFORMATION ►

PHONE  
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COUNTRY US  
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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

**Metadata Maintenance ►**

MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)

**Metadata Constraints ►**

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified  
CLASSIFICATION SYSTEM None

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## **Thumbnail and Enclosures ►**

#### THUMBNAIL

THUMBNAIL TYPE   JPG

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