

# Public Road Characteristics, 1st Quarter 2022 - NC Department of Transportation

## SDE Feature Class



## Tags

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

## Summary

This layer is a visual representation of public roads in North Carolina. State maintained routes are current through December 2021 for changes by NCDOT Petitions and Municipal Agreements process. For more detailed information about system and non-system road data please refer to the documentation using the link in the Distribution section. Other information concerning known route issues is found in Supplemental Information/Resource Details section.

## Description

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

## Credits

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

## Use limitations

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

## Extent

**West** -84.421464 **East** -75.418363

North 36.615122 South 33.733304

## Scale Range

Maximum (zoomed in) 1:5,000

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

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

CONTENT TYPE Downloadable Data

PLACE KEYWORDS Division, North Carolina, County

### THESAURUS ▶

TITLE User

CREATION DATE 2022-02-14 00:00:00

PUBLICATION DATE 2022-02-14 00:00:00

[Hide Thesaurus ▲](#)

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

### THESAURUS ▶

TITLE User

CREATION DATE 2022-02-14 00:00:00

PUBLICATION DATE 2022-02-14 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS Transportation

### THESAURUS ▶

TITLE ISO 19115 Topic Category

CREATION DATE 2022-02-14 00:00:00

PUBLICATION DATE 2022-02-14 00:00:00

[Hide Thesaurus ▲](#)

OTHER KEYWORDS Downloadable Data

[Hide Topics and Keywords ▲](#)

## Citation ▶

TITLE Public Road Characteristics, 1st Quarter 2022 - NC Department of Transportation

PUBLICATION DATE 2022-02-14 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

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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 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. For more information, please refer to the NCDOT GIS Unit Announcements document at <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

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 2022-02-14 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 -84.421464  
\* EAST LONGITUDE -75.418363  
\* NORTH LATITUDE 36.615122  
\* SOUTH LATITUDE 33.733304  
\* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM  
\* WEST LONGITUDE 406980.080272  
\* EAST LONGITUDE 3051823.000288  
\* SOUTH LATITUDE 35982.805072  
\* NORTH LATITUDE 1042848.119824  
\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## **Resource Points of Contact ►**

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

CONTACT INFORMATION ►  
PHONE  
VOICE 919.707.2165  
FAX 919.707.2210

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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 Resource Points of Contact ▲](#)

## **Resource Maintenance ►**

RESOURCE MAINTENANCE  
UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)

## **Resource Constraints ►**

LEGAL CONSTRAINTS  
LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

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 1893.9393939393938
Z ORIGIN -100000
Z SCALE 9.9999999999999982
M ORIGIN -100000
M SCALE 10000000
XY TOLERANCE 0.00528
Z TOLERANCE 0.20000000000000004
M TOLERANCE 9.9999999999999995e-007
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2264
VCSWKID 105703
LATESTVCSWKID 6360

WELL-KNOWN TEXT

PROJCS["NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet",GEOGCS["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER["False\_Easting",2000000.002616666],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-79.0],PARAMETER["Standard\_Parallel\_1",34.33333333333334],PARAMETER["Standard\_Parallel\_2",36.16666666666666],PARAMETER["Latitude\_Of\_Origin",33.75],UNIT["Foot\_US",0.3048006096012192]],VERTCS["NAVD\_1988\_Foot\_US",VDATUM["North\_American\_Vertical\_Datum\_1988"],PARAMETER["Vertical\_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot\_US",0.3048006096012192]]

REFERENCE SYSTEM IDENTIFIER

VALUE 2264
CODESPACE EPSG
VERSION 6.12(9.0.0)

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME NCRouteCharacteristics
\* OBJECT TYPE composite
\* OBJECT COUNT 1127634

Hide Vector ▲

ARCgis FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteCharacteristics
\* FEATURE TYPE Simple
\* GEOMETRY TYPE Polyline
\* HAS TOPOLOGY FALSE
\* FEATURE COUNT 1127634
\* 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 2022-02-14 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 ▶

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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2022-02-14 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

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2022-02-14 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 ▶

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[Hide Contact information ▲](#)



[Hide Process step ▲](#)

SOURCE DATA ►

DESCRIPTION

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

RESOLUTION OF THE SOURCE DATA

SCALE DENOMINATOR 24000

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

**Distribution ►**

DISTRIBUTOR ►

CONTACT INFORMATION

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

CONTACT INFORMATION ►

PHONE

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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME Feature Class  
VERSION 10.5.1

DISTRIBUTION FORMAT

NAME Shape File  
VERSION 10.5.1

TRANSFER OPTIONS

ONLINE SOURCE

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

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [NCRouteCharacteristics ►](#)

- \* TYPE Feature Class
- \* ROW COUNT 1127634

### DEFINITION

A collection of geographic features with the same geometry type (such as point, line, or polygon), the same attributes, and the same spatial reference.

### DEFINITION SOURCE

ESRI

FIELD [AadttMulti ►](#)

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

### FIELD DESCRIPTION

Annual Average Daily Truck Traffic of Multi-Unit Trucks

### DESCRIPTION SOURCE

NCDOT

[Hide Field AadttMulti ▲](#)

FIELD [OwnerName ►](#)

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

### FIELD DESCRIPTION

Ownership Name.

### DESCRIPTION SOURCE

NCDOT GIS

[Hide Field OwnerName ▲](#)

FIELD [HOVType ►](#)

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

### FIELD DESCRIPTION

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

### DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Full-Time  
DESCRIPTION Full-Time HOV  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Part-Time  
DESCRIPTION Part-Time HOV  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Shldr/Prkg  
DESCRIPTION Shoulder/Parking HOV  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

*Hide Field HOVType ▲*

FIELD TollID ►

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

FIELD DESCRIPTION

The toll identifier assigned by FHWA

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

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

*Hide Field TollID ▲*

FIELD TollCharged ►

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

FIELD DESCRIPTION

Indicates the travel direction that a toll is charged

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

VALUE One Dir  
DESCRIPTION One Direction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

VALUE None

DESCRIPTION No Toll Charged

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollCharged

*Hide Field TollCharged ▲*

FIELD **AadttSingle ▶**

\* ALIAS AadttSingle

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Annual Average Daily Truck Traffic of Single Unit Trucks

DESCRIPTION SOURCE

NCDOT

*Hide Field AadttSingle ▲*

FIELD **MedianType ▶**

\* ALIAS MedianType

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Curb

DESCRIPTION Curb

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE Striped

DESCRIPTION Striped

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE PM

DESCRIPTION Paved Mountable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE Grass

DESCRIPTION Grass

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE SRPB

DESCRIPTION Semi-Rigid Positive Barrier

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE FPB

DESCRIPTION Flexible Positive Barrier

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

VALUE RPB

DESCRIPTION Rigid Positive Barrier

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMedianType

*Hide Field MedianType ▲*

FIELD **MilitaryBase** ►

\* ALIAS MilitaryBase

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION Seymour Johnson Air Force Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 6

DESCRIPTION New River Marine Air Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 7

DESCRIPTION Elizabeth City Coast Guard Air Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 3

DESCRIPTION Fort Bragg Army Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 5

DESCRIPTION Cherry Point Marine Air Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 1

DESCRIPTION Pope Air Force Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

VALUE 4

DESCRIPTION Camp Lejeune Marine Base

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMilitaryBase

*Hide Field MilitaryBase ▲*

FIELD **SampleID** ►

\* ALIAS SampleID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 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 [LocCntyCode ▶](#)

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

FIELD DESCRIPTION

Location county code - county containing the feature

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

[Hide Field LocCntyCode ▲](#)

FIELD [SrcDocID ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field SrcDocID ▲](#)

FIELD [RouteNumber ▶](#)

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

FIELD DESCRIPTION

Route number - dominant route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

*Hide Field RouteNumber ▲*

FIELD **RouteQualifier ▶**

\* ALIAS **RouteQualifier**

\* DATA TYPE **String**

\* WIDTH **5**

\* PRECISION **0**

\* SCALE **0**

FIELD DESCRIPTION

Route primary code - dominant route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE **80**

DESCRIPTION **Ramp**

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

VALUE **6**

DESCRIPTION **West Route**

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

VALUE **8**

DESCRIPTION **Truck Route**

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

VALUE **5**

DESCRIPTION **East Route**

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

VALUE **81**

DESCRIPTION **Rest Area**

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

VALUE **9**

DESCRIPTION **Business Route**

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

VALUE **2**

DESCRIPTION **Bypass Route**

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

VALUE **1**

DESCRIPTION **Alternate Route**

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

VALUE **0**

DESCRIPTION **Normal Route**

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7

DESCRIPTION Connector Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 82

DESCRIPTION Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

*Hide Field RouteQualifier ▲*

FIELD **SrfcWidth** ►

\* ALIAS SrfcWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 **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 Shape.len ►

- \* ALIAS Shape.len
- \* DATA TYPE Double
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0

[Hide Field Shape.len ▲](#)

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 6

DESCRIPTION 100,000 to 199,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 4

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 1

DESCRIPTION Less than 2,500

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 7

DESCRIPTION > 200,000

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 3

DESCRIPTION 5,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 5

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 2

DESCRIPTION 2,500 to 4,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

[Hide Field UrbanPop ▲](#)

FIELD MunPopGroup ►

- \* ALIAS MunPopGroup

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 6

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 7

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 8

DESCRIPTION 100,000 and over

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 1

DESCRIPTION Under 1,000 Population

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 3

DESCRIPTION 2,500 to 4,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 2

DESCRIPTION 1000 to 2,499

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 5

DESCRIPTION 10,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 4

DESCRIPTION 5,000 to 9,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

[Hide Field MunPopGroup ▲](#)

FIELD [Direction ►](#)

\* ALIAS Direction

\* DATA TYPE String

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 01

DESCRIPTION Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE SB

DESCRIPTION Southbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE BD

DESCRIPTION Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE EB

DESCRIPTION Eastbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OO

DESCRIPTION Oneway Opposite

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CC

DESCRIPTION Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE WB

DESCRIPTION Westbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CW

DESCRIPTION Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

*Hide Field Direction ▲*

FIELD RtPvdShldrWidth ►

\* ALIAS RtPvdShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 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 [AddDocID ▶](#)

\* ALIAS AddDocID

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDocID ▲](#)

FIELD [RtShldrWidth ▶](#)

\* ALIAS RtShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 [TravelDirection ▶](#)

\* ALIAS TravelDirection

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Oneway direction flag - identifies one way traffic flow

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

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

*Hide Field TravelDirection ▲*

FIELD **RouteMaintCode** ▶

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

FIELD DESCRIPTION

Route status code represents maintenance status of the dominant route

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

DESCRIPTION Non-System  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

DESCRIPTION System  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

*Hide Field RouteMaintCode ▲*

FIELD **NHS** ▶

\* ALIAS NHS  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 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 2  
DESCRIPTION Major Airport  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

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

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

VALUE 6

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

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

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

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

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

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

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

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

*Hide Field NHS ▲*

FIELD **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 **RouteID** ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

## NCDOT GIS

[Hide Field RouteID ▲](#)

### FIELD EndFeatureID ►

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

#### FIELD DESCRIPTION

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

#### DESCRIPTION SOURCE

NCDOT GIS

#### LIST OF VALUES

VALUE BC000###

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BS000###

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE X-Cross

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE DEAD-END

DESCRIPTION The route segment ends.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Pseudo

DESCRIPTION Change in event attributes for the segment.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE NA

DESCRIPTION Unable to identify type of intersection.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

[Hide Field EndFeatureID ▲](#)

### FIELD LftShldrType ►

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

#### FIELD DESCRIPTION

Indicates the surface type of left shoulder.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Bitum

DESCRIPTION Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Concrete

DESCRIPTION Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Grass

DESCRIPTION Grass or Sod

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Gravel

DESCRIPTION Gravel or Stone

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Con

DESCRIPTION Curb-Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Bit

DESCRIPTION Curb-Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

[Hide Field LftShldrType ▲](#)

FIELD AccessCont ►

\* ALIAS AccessCont

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Partial

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAccessControl

VALUE Full

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAccessControl

[Hide Field AccessCont ▲](#)



FIELD **PeakLanes** ▶

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

\* ALIAS TollType

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Used to identify the type of toll road

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE HOT

DESCRIPTION High Occupancy Toll (HOT) Lanes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollType

VALUE Regular

DESCRIPTION Regular Toll

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollType

[Hide Field TollType ▲](#)

FIELD BeginMP5 ►

\* ALIAS BeginMp5

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 5.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP5 ▲](#)

FIELD OBJECTID ►

\* ALIAS OBJECTID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 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 **UrbanType** ►

\* ALIAS UrbanType

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Urbanized Area

DESCRIPTION Urbanized Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

VALUE Urban Cluster

DESCRIPTION Urban Cluster

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

*Hide Field UrbanType ▲*

FIELD **EndMP2** ►

\* ALIAS EndMp2

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field EndMP2 ▲*

FIELD **UrbanID** ►

\* ALIAS UrbanID

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 10

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 94996

DESCRIPTION Whiteville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 27415

DESCRIPTION EMERALD\_ISLE

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38269

DESCRIPTION Henderson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 26119

DESCRIPTION EDENTON

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 66592

DESCRIPTION Oxford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 38809

DESCRIPTION High Point

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 25228

DESCRIPTION Durham-Chapel Hill-Carrboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 91108

DESCRIPTION Wadesboro

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 82522

DESCRIPTION Smithfield

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 59032

DESCRIPTION MOORESVILLE

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 35380

DESCRIPTION Greenville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 49501

DESCRIPTION LEXINGTON

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 42400

DESCRIPTION Jacksonville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 32653

DESCRIPTION Gastonia  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 21664

DESCRIPTION Cullowhee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 3358



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

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

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

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

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

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

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

[Hide Field UrbanID ▲](#)

FIELD RtShldrType ►

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

FIELD DESCRIPTION

Indicates the surfce type of right shoulder.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

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

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

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

VALUE Bitum  
DESCRIPTION Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Con

DESCRIPTION Curb-Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

*Hide Field RtShldrType ▲*

FIELD SrcDocType ►

\* ALIAS SrcDocType

\* DATA TYPE String

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE M

DESCRIPTION Municipal Agreement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE P

DESCRIPTION Petition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE O

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE T

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE R

DESCRIPTION Project Alignment

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

VALUE N

DESCRIPTION Not-Verified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

*Hide Field SrcDocType ▲*

FIELD LftShldrWidth ►

\* ALIAS LftShldrWidth

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 [StreetName ▶](#)

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

FIELD DESCRIPTION  
Local Street Name

DESCRIPTION SOURCE  
Local County GIS/NCDOT GIS

[Hide Field StreetName ▲](#)

FIELD [FuncClass ▶](#)

\* ALIAS FuncClass  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 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 4  
DESCRIPTION Minor Arterial  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 2  
DESCRIPTION PA-FrwyExp  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 1  
DESCRIPTION Interstate  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 5  
DESCRIPTION Major Collector  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

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

VALUE 3  
DESCRIPTION PA-Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

VALUE 6

DESCRIPTION Minor Collector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

*Hide Field FuncClass ▲*

FIELD **SrfcThickness** ▶

\* ALIAS SrfcThickness

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 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 **SpeedLimit** ▶

\* ALIAS SpeedLimit

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

*Hide Field SpeedLimit ▲*

FIELD **BeginMP1** ▶

\* ALIAS BeginMp1

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 1.

DESCRIPTION SOURCE

# NCDOT GIS

[Hide Field BeginMP1 ▲](#)

## FIELD **TownName** ▶

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

### FIELD DESCRIPTION

A name identifying the municipality where the segment is located.

### DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TownName ▲](#)

## FIELD **RouteClass** ▶

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

### FIELD DESCRIPTION

Route class code - dominant route classification

### DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

### LIST OF VALUES

VALUE **80**

DESCRIPTION **Ramp**

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

VALUE **1**

DESCRIPTION **Interstate**

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

VALUE **89**

DESCRIPTION **Non-Mainline**

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

VALUE **4**

DESCRIPTION **Secondary Route**

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

VALUE **3**

DESCRIPTION **NC Route**

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

VALUE **81**

DESCRIPTION **Rest Area**

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

VALUE **7**

DESCRIPTION **Federal Route**

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

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

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

VALUE 9  
DESCRIPTION Projected Route  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

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

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

[Hide Field RouteClass ▲](#)

FIELD [ImprvDocType ▶](#)

\* ALIAS ImprvDocType

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The type of source document that authorized the improvement.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Other

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE TIP

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Resfrc

DESCRIPTION Resurfacing Package

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Paving Report

DESCRIPTION Paving Report

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

[Hide Field ImprvDocType ▲](#)

FIELD [RouteID3 ▶](#)

\* ALIAS RouteID3

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0  
\* SCALE 0

[Hide Field RouteID3 ▲](#)

FIELD EndMP6 ►

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

FIELD DESCRIPTION

End Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP6 ▲](#)

FIELD FcltyType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Couplet

DESCRIPTION Couplet

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE GS Ramp

DESCRIPTION Grade-Separated Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE Non-Main

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

VALUE One Way

DESCRIPTION One-Way Roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

[Hide Field FcltyType ▲](#)

FIELD ImprvDate ►

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

FIELD DESCRIPTION

The date that the section of road was last improved

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field ImprvDate ▲](#)

FIELD AADT ►

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

FIELD DESCRIPTION

Annual Average Daily Traffic

DESCRIPTION SOURCE

NCDOT

[Hide Field AADT ▲](#)

FIELD RouteID5 ►

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

[Hide Field RouteID5 ▲](#)

FIELD LftTrnLnWidth ►

- \* ALIAS LftTrnLnWidth
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 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 GeoDocID ►

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



\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Revision document number - geometric reference document (year)

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

*Hide Field GeoDocID ▲*

FIELD NHSDate ►

\* ALIAS NHSDate

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

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

*Hide Field NHSDate ▲*

FIELD RtTrnLnType ►

\* ALIAS RtTrnLnType

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Single

DESCRIPTION Single Turn Lane

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Continuous

DESCRIPTION Continuous Turn Lane

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE No Peak

DESCRIPTION No Turns During Peak Time

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

VALUE Multiple

DESCRIPTION Multiple Turn Lanes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTurnLaneType

[Hide Field RtTrnLnType ▲](#)

FIELD [RouteName ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RouteName ▲](#)

FIELD [BeginMP2 ▶](#)

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

FIELD DESCRIPTION

Begin Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP2 ▲](#)

FIELD [BeginFeatureID ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE DEAD-END

DESCRIPTION The route segment ends.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BC000###

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

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT GIS

**VALUE** X-Cross

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

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT GIS

**VALUE** NA

**DESCRIPTION** Unable to identify type of intersection.

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT GIS

**VALUE** BS000###

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

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT GIS

**VALUE** Pseudo

**DESCRIPTION** Change in event attributes for the segment.

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT GIS

*Hide Field BeginFeatureID ▲*

**FIELD** MaintCntyCode ►

\* **ALIAS** MaintCntyCode

\* **DATA TYPE** String

\* **WIDTH** 3

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

Maintenance county code - county responsible for maintenance

**DESCRIPTION SOURCE**

NCDOT GIS

**LIST OF VALUES**

**VALUE** 018

**DESCRIPTION** Catawba

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid County and State Codes

**VALUE** 066

**DESCRIPTION** Northampton

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid County and State Codes

**VALUE** 048

**DESCRIPTION** Hyde

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid County and State Codes

**VALUE** 036

**DESCRIPTION** Gaston

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid County and State Codes

**VALUE** 071

**DESCRIPTION** Pender

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid County and State Codes

**VALUE** 075

**DESCRIPTION** Polk

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 062

DESCRIPTION Montgomery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 090

DESCRIPTION Union

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 037

DESCRIPTION Gates

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 100

DESCRIPTION Yancey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 045

DESCRIPTION Henderson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 051

DESCRIPTION Johnston

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 065

DESCRIPTION New Hanover

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 079

DESCRIPTION Rockingham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 054

DESCRIPTION Lenoir

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 032

DESCRIPTION Durham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 026

DESCRIPTION Cumberland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 011

DESCRIPTION Buncombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 042

DESCRIPTION Halifax

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 083

DESCRIPTION Scotland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 069

DESCRIPTION Pamlico

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 070  
DESCRIPTION Pasquotank  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 088  
DESCRIPTION Transylvania  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 039  
DESCRIPTION Granville  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 903  
DESCRIPTION Tennessee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 047  
DESCRIPTION Hoke  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 067  
DESCRIPTION Onslow  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 050  
DESCRIPTION Jackson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 060  
DESCRIPTION Mecklenburg  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 016  
DESCRIPTION Carteret  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 046  
DESCRIPTION Hertford  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 096  
DESCRIPTION Wayne  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 095  
DESCRIPTION Watauga  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 013  
DESCRIPTION Cabarrus  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 024  
DESCRIPTION Columbus  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 082  
DESCRIPTION Sampson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 019  
DESCRIPTION Chatham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 055

DESCRIPTION Lincoln

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 035

DESCRIPTION Franklin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 078

DESCRIPTION Robeson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 059

DESCRIPTION McDowell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 087

DESCRIPTION Swain

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 086

DESCRIPTION Surry

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 097

DESCRIPTION Wilkes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 049

DESCRIPTION Iredell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 029

DESCRIPTION Davidson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 068

DESCRIPTION Orange

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 038

DESCRIPTION Graham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 008

DESCRIPTION Bertie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 098

DESCRIPTION Wilson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 022

DESCRIPTION Clay

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 074

DESCRIPTION Pitt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 901  
DESCRIPTION Georgia  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 012  
DESCRIPTION Burke  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 084  
DESCRIPTION Stanly  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 072  
DESCRIPTION Perquimans  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 043  
DESCRIPTION Harnett  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 058  
DESCRIPTION Martin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 031  
DESCRIPTION Duplin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 004  
DESCRIPTION Anson  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 092  
DESCRIPTION Wake  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 005  
DESCRIPTION Ashe  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 902  
DESCRIPTION South Carolina  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 009  
DESCRIPTION Bladen

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 001

DESCRIPTION Alamance

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 014

DESCRIPTION Caldwell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 041

DESCRIPTION Guilford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 089

DESCRIPTION Tyrrell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 006

DESCRIPTION Avery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 080

DESCRIPTION Rowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 085

DESCRIPTION Stokes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 061

DESCRIPTION Mitchell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 093

DESCRIPTION Warren

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 063

DESCRIPTION Moore

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 020

DESCRIPTION Cherokee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 002

DESCRIPTION Alexander

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 007

DESCRIPTION Beaufort

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 999

DESCRIPTION NA

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 904

DESCRIPTION Virginia

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes



VALUE 076  
DESCRIPTION Randolph  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 099  
DESCRIPTION Yadkin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 053  
DESCRIPTION Lee  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 057  
DESCRIPTION Madison  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 073  
DESCRIPTION Person  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 027  
DESCRIPTION Currituck  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 025  
DESCRIPTION Craven  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 064  
DESCRIPTION Nash  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 003  
DESCRIPTION Alleghany  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 044  
DESCRIPTION Haywood  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 091  
DESCRIPTION Vance  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 094  
DESCRIPTION Washington  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 023  
DESCRIPTION Cleveland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 040  
DESCRIPTION Greene  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 052  
DESCRIPTION Jones  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 017  
DESCRIPTION Caswell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 021

DESCRIPTION Chowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 028

DESCRIPTION Dare

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 030

DESCRIPTION Davie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 077

DESCRIPTION Richmond

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 033

DESCRIPTION Edgecombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 010

DESCRIPTION Brunswick

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

*Hide Field MaintCntyCode ▲*

FIELD TerrainType ►

\* ALIAS TerrainType

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 2

DESCRIPTION Rolling

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 1

DESCRIPTION Level

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 3

DESCRIPTION Mountainous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

*Hide Field TerrainType ▲*

FIELD MaintOps ►

\* ALIAS MaintOps

\* DATA TYPE SmallInteger

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

FIELD DESCRIPTION

Agency providing maintenance operations

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 27

DESCRIPTION Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60

DESCRIPTION Other Federal Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 66

DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 31

DESCRIPTION State Toll Road

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 63

DESCRIPTION Bureau of Fish and Wildlife

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 2

DESCRIPTION County Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 3

DESCRIPTION Town or Township Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 32

DESCRIPTION Local Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 26

DESCRIPTION Private (other than Railroad)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

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

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

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

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

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

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

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

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

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

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

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

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

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

[Hide Field MaintOps ▲](#)

FIELD [AddDocType ►](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Other

DESCRIPTION OTHER

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE TIP

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE MA

DESCRIPTION MUNICIPAL\_AGREEMENT

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Petition

DESCRIPTION Petition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Correction

DESCRIPTION Correction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

*Hide Field AddDocType ▲*

FIELD BaseDetail ►

\* ALIAS BaseDetail

\* DATA TYPE String

\* WIDTH 10

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE I19.0B

DESCRIPTION I19.0B

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE Soil

DESCRIPTION Soil

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE STBC

DESCRIPTION Soil Type Base Course

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE I19.0D

DESCRIPTION I19.0D

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE CABC

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

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

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

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

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

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

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

[Hide Field BaseDetail ▲](#)

FIELD [BarePvmtRoute ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

VALUE Y  
DESCRIPTION Yes

[Hide Field BarePvmtRoute ▲](#)

FIELD [EndMP3 ▶](#)

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

FIELD DESCRIPTION

End Milepost for route number 3.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field EndMP3 ▲](#)

FIELD LaneMiles ▶

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

[Hide Field LaneMiles ▲](#)

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 ImprvType ▶

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

FIELD DESCRIPTION

The type of the last improvement to the road

DESCRIPTION SOURCE  
NCDOT GIS

LIST OF VALUES

- VALUE RS  
DESCRIPTION Resurfacing  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType
- VALUE IP  
DESCRIPTION Initial Paving  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType
- VALUE NL

DESCRIPTION Relocation  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementType

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

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

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

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

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

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

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

*Hide Field ImprvType ▲*

FIELD EndMP5 ►

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

FIELD DESCRIPTION  
End Milepost for route number 5.

DESCRIPTION SOURCE  
NCDOT GIS

*Hide Field EndMP5 ▲*

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 [RouteID2 ▶](#)

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

[Hide Field RouteID2 ▲](#)

FIELD [TownCode ▶](#)

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

FIELD DESCRIPTION

A code identifying the municipality where the segment is located.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TownCode ▲](#)

FIELD [AddDate ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDate ▲](#)

FIELD [LaneWidth ▶](#)

- \* ALIAS LaneWidth
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 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 [TrkRouteDate ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field TrkRouteDate ▲](#)

FIELD [MedianWidth ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE  
NCDOT GIS

RANGE OF VALUES  
MINIMUM VALUE 1  
MAXIMUM VALUE 999  
UNITS OF MEASURE Feet

[Hide Field MedianWidth ▲](#)

FIELD [GeoDocType ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

## NCDOT GIS

### LIST OF VALUES

VALUE A

DESCRIPTION Aerial Photo

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE F

DESCRIPTION Field Research

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE N

DESCRIPTION Not-Verified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE P

DESCRIPTION Parcels

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE O

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE G

DESCRIPTION GPS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE L

DESCRIPTION Plat

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE C

DESCRIPTION Local Centerline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

[Hide Field GeoDocType ▲](#)

### FIELD ThruLaneCount ►

\* ALIAS ThruLaneCount

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 AadtDate ►

\* ALIAS AadtDate

\* DATA TYPE String

\* WIDTH 5

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Estimated Annual Average Daily Traffic for specified year

DESCRIPTION SOURCE

NCDOT

[Hide Field AadtDate ▲](#)

FIELD [HOVLnCount ▶](#)

\* ALIAS HOVLnCount

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 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 [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 4

DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 3

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 5

DESCRIPTION Designated Truck Route (Federally approved)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 2  
DESCRIPTION Parkway- Trucks/Commercial Vehicles Prohibited  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

[Hide Field TrkRoute ▲](#)

FIELD [LftPvdShldrWidth ▶](#)

\* ALIAS LftPvdShldrWidth  
\* DATA TYPE SmallInteger  
\* WIDTH 2  
\* PRECISION 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 [AADTTruck ▶](#)

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

FIELD DESCRIPTION  
Annual Average Daily Truck Traffic

DESCRIPTION SOURCE  
NCDOT

[Hide Field AADTTruck ▲](#)

FIELD [EndMP1 ▶](#)

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

FIELD DESCRIPTION  
End Milepost for route number 1.

DESCRIPTION SOURCE  
NCDOT GIS

[Hide Field EndMP1 ▲](#)

FIELD [SrfcType](#) ▶

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

FIELD DESCRIPTION

The generalized type of pavement surface on the road.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE [BPCC\\_PCC](#)

DESCRIPTION [Bonded PCC Overlay on PCC](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [Unpaved](#)

DESCRIPTION [Unpaved](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [UJC\\_PCC](#)

DESCRIPTION [Unbonded JC Overlayon PCC](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [CRCP](#)

DESCRIPTION [CRCP](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [AC\\_JCP](#)

DESCRIPTION [AC overlay on JCP](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [AC\\_CRCP](#)

DESCRIPTION [AC overlay on CRCP\)](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [JPCP](#)

DESCRIPTION [JPCP](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [AC\\_AC](#)

DESCRIPTION [AC overlay on AC](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [Other](#)

DESCRIPTION [Other \(includes bridge decks, whitetopping, brick\)](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

VALUE [Bitum](#)

DESCRIPTION [Bituminous](#)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:SRFC\\_TYP\\_TYP\\_NM](#)

[Hide Field SrfcType](#) ▲

FIELD [RouteID6](#) ▶

- \* ALIAS [RouteID6](#)

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

[Hide Field RouteID6 ▲](#)

FIELD [SrfcDetail ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE S12.5C

DESCRIPTION S12.5C

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE SF9.5A

DESCRIPTION SF9.5A

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE HDS

DESCRIPTION Heavy Duty Surface

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S4.75A

DESCRIPTION S4.75A

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE Gravel

DESCRIPTION Gravel

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5C

DESCRIPTION S9.5C

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE JCP

DESCRIPTION Jointed Concrete Pavement

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE Asphalt

DESCRIPTION Asphalt, Hot Mix Asphalt, Plant Mix Asphalt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5B

DESCRIPTION S9.5B

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE AST

DESCRIPTION AST

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

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

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

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

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

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

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

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

*Hide Field SrfcDetail ▲*

FIELD LftTrnLnType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

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

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

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



[Hide Field LftTrnLnType ▲](#)

FIELD ROW ►

- \* ALIAS ROW
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 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 RouteInventory ►

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

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 9  
DESCRIPTION Non-Inventory (Counterclockwise)  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

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

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

VALUE 1  
DESCRIPTION Non-Inventory for non-primary routes.  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 0  
DESCRIPTION Inventory  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

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

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 31

DESCRIPTION State Toll Road

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4

DESCRIPTION City or Municipal Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60

DESCRIPTION Other Federal Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 63

DESCRIPTION Bureau of Fish and Wildlife

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 64

DESCRIPTION U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21

DESCRIPTION Other State Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 62

DESCRIPTION Bureau of Indian Affairs

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 66  
DESCRIPTION National Park Service  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

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

VALUE 12  
DESCRIPTION Local Park, Forest, or Reservation Agency  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

FIELD [PostedRoute](#) ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- |             |                  |
|-------------|------------------|
| VALUE       | Number           |
| DESCRIPTION | Ordinance number |

[Hide Field PostedRoute](#) ▲

FIELD [BeginMP4](#) ▶

- \* ALIAS BeginMp4
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 4.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP4](#) ▲

FIELD [ImprvDocID](#) ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field ImprvDocID](#) ▲

FIELD [BaseThickness](#) ▶

- \* ALIAS BaseThickness
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 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 [FuncClassDate ▶](#)

\* ALIAS FuncClassDate

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field FuncClassDate ▲](#)

FIELD [STRAHNETDate ▶](#)

\* ALIAS STRAHNETDate

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Strategic Highway Network Date

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field STRAHNETDate ▲](#)

FIELD [BeginMP6 ▶](#)

\* ALIAS BeginMp6

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 38

\* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP6 ▲](#)

FIELD **RouteID4** ▶

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

[Hide Field RouteID4 ▲](#)

[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 **D7B808D4-FA76-47E5-9F4C-090E651915E0**

SCOPE OF THE DATA DESCRIBED BY THE METADATA **dataset**  
SCOPE NAME **dataset**

LAST UPDATE **2022-01-24**

ARCGIS METADATA PROPERTIES

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

CREATED IN ARCGIS FOR THE ITEM **2022-01-20 17:37:32**  
LAST MODIFIED IN ARCGIS FOR THE ITEM **2022-01-24 17:33:52**

AUTOMATIC UPDATES

HAVE BEEN PERFORMED **Yes**  
LAST UPDATE **2022-01-24 13:19:41**

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**Metadata Contacts** ▶

METADATA CONTACT

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

CONTACT INFORMATION ▶

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

CONTACT INSTRUCTIONS  
Phone or e-mail.

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## **Metadata Maintenance ►**

MAINTENANCE  
UPDATE FREQUENCY quarterly

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## **Metadata Constraints ►**

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SECURITY CONSTRAINTS  
CLASSIFICATION unclassified  
CLASSIFICATION SYSTEM None

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