

Public Road Characteristics, 1st Quarter 2019 - NC Department of Transportation

SDE Feature Class



Tags

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

Summary

This layer is a visual representation of public roads in the State of North Carolina. System roads (state maintained) are current through December 2018 for changes by NCDOT Petitions and Municipal Agreements processes.

Non-system roads updated this quarter: Camden (up-to-date as of 5/18/2018), Carteret (up-to-date as of 3/8/2018), Chowan (up-to-date as of 5/21/2018), EBCN (Eastern Band Cherokee Nation) Swain (up-to-date as of 9/14/2018), Macon (up-to-date as of 4/6/2018) and Tyrell (up-to-date as of 5/16/2018). Other non-system roads (maintained by local government) are up-to-date according to the most current county data as of January 2015 with some exceptions. The full list of details can be viewed in metadata section 'Resource Details'. Other state agency roads are up-to-date according to North Carolina Wildlife Resources Commission data as of February 2016, with the exception of those routes in Beaufort, Bladen, Brunswick, Camden, Carteret, Columbus, Craven, Currituck, Dare, Hyde, Jones, Onslow, Pender, Tyrrell and Washington (up-to-date as of 3/14/2018).

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; Structures Management Unit/Spatial Analysis Group - Structure

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

There is no extent for this item.

Scale Range

Maximum (zoomed in) 1:5,000

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

ArcGIS Metadata ▶

Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina, Division, County

THESAURUS ▶

TITLE User

CREATION DATE 2019-02-11 00:00:00

PUBLICATION DATE 2019-02-11 00:00:00

REVISION DATE 2019-02-11 00:00:00

[Hide Thesaurus ▲](#)

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

THESAURUS ▶

TITLE User

CREATION DATE 2019-02-11 00:00:00

PUBLICATION DATE 2019-02-11 00:00:00

REVISION DATE 2019-02-11 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS Transportation

THESAURUS ▶

TITLE ISO 19115 Topic Category

CREATION DATE 2019-02-11 00:00:00

PUBLICATION DATE 2019-02-11 00:00:00

REVISION DATE 2019-02-11 00:00:00

[Hide Thesaurus ▲](#)

OTHER KEYWORDS Downloadable Data

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Public Road Characteristics, 1st Quarter 2019 - NC Department of Transportation

PUBLICATION DATE 2019-01-22 00:00:00

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE originator

CONTACT INFORMATION ►

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POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

This file should not be used for routing.

For visual representation of public roads in North Carolina. System roads (state maintained) are current through December 2018 for changes by NCDOT Petitions and Municipal Agreements process. Non-system roads (maintained by local governments) are up-to-date according to the most current county data as of January 2015, with the exception of Alamance (up-to-date as of 8/31/2017), Beaufort (up-to-date as of 3/13/2018), Bladen (up-to-date as of 3/13/2018), Brunswick (up-to-date as of 10/17/2017), Buncombe (up-to-date as of 4/2/2018), Burke (up-to-date as of 2/19/2018), Cabarrus (up-to-date as of 7/25/2017), Catawba (up-to-date as of 10/19/2017), Chatham (up-to-date as of 10/12/2017), Columbus (up-to-date as of 9/26/2017), Craven (up-to-date as of 08/15/2017), Cumberland (up-to-date as of 7/25/2017), Dare (up-to-date as of 4/11/2018), Davidson (up-to-date as of 8/4/2017), Duplin (up-to-date as of 11/30/2017), Durham (up-to-date as of 07/13/2017), Edgecombe (up-to-date as of 3/26/2018), Forsyth (up-to-date as of 10/19/2017), Franklin (up-to-date as of 11/15/2017), Gaston (up-to-date as of 12/1/2017), Gates (up-to-date as of 06/29/2017),

Granville (up-to-date as of 10/1/2017), Greene (up-to-date as of 3/28/2018), Guilford (up-to-date as of 7/26/2017), Halifax (up-to-date as of 9/27/2017), Harnett (up-to-date as of 7/27/2017), Henderson (up-to-date as of 3/29/2018), Hyde (up-to-date as of 5/15/2018), Iredell (up-to-date as of 11/1/2017), Johnston (up-to-date as of 8/25/2017), Jones (up-to-date as of 06/19/2017), Lee (up-to-date as of 11/7/2017), Lenoir (up-to-date as of 3/15/2018), Lincoln (up-to-date as of 11/21/2017), Montgomery (up-to-date as of 2/19/2018), Moore (up-to-date as of 10/3/2017), Nash (up-to-date as of 03/09/2017), New Hanover (up-to-date as of 3/29/2018), Onslow (up-to-date as of 12/3/2017), Orange (up-to-date as of 8/31/2017), Pamlico (up-to-date as of 01/27/2017), Pasquotank (up-to-date as of 5/21/2018), Pender (up-to-date as of 12/14/2017), Perquimans (up-to-date as of 7/23/2018), Pitt (up-to-date as of 3/23/2018), Randolph (up-to-date as of 10/10/2017), Richmond (up-to-date as of 3/14/2018), Rockingham (up-to-date as of 3/20/2018), Rowan (up-to-date as of 10/18/2017), Scotland (up-to-date as of 12/15/2017), Stanly (up-to-date as of 10/4/2017), Surry (up-to-date as of 3/21/2018), Union (up-to-date as of 11/3/2017), Vance (up-to-date as of 11/16/2017), Wake (up-to-date as of 8/29/2017), Washington (up-to-date as of 3/27/2018), Wayne (up-to-date as of 9/25/2017), Wilson (up-to-date as of 3/21/2018) and Yadkin (up-to-date as of 10/2/2017).

Non-system roads updated this quarter:

Camden (up-to-date as of 5/18/2018), Carteret (up-to-date as of 3/8/2018), Chowan (up-to-date as of 5/21/2018), EBCN (Eastern Band Cherokee Nation) Swain (up-to-date as of 9/14/2018), Macon (up-to-date as of 4/6/2018) and Tyrell (up-to-date as of 5/16/2018).

Other state agency roads are up-to-date according to North Carolina Wildlife Resources Commission data as of February 2016, with the exception of those routes in Beaufort, Bladen, Brunswick, Camden, Carteret, Columbus, Craven, Currituck, Dare, Hyde, Jones, Onslow, Pender, Tyrrell and Washington (up-to-date as of 3/14/2018).

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

CREDITS

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

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

EXTENT CONTAINS THE RESOURCE Yes

GEOGRAPHIC EXTENT

GEOGRAPHIC DESCRIPTION

DESCRIPTION CONTAINS THE RESOURCE No

TEMPORAL EXTENT

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

VERTICAL EXTENT

MINIMUM VALUE -59.6

MAXIMUM VALUE 6577.4

EXTENT IN THE ITEM'S COORDINATE SYSTEM

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

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

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

CONTACT INFORMATION ►

PHONE

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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

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified
CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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CONSTRAINTS
LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102719
X ORIGIN -121841900
Y ORIGIN -93659000
XY SCALE 18939.39393939394
Z ORIGIN -100000
Z SCALE 9.9999999999999982
M ORIGIN -100000
M SCALE 100000000
XY TOLERANCE 0.00052800000000000004
Z TOLERANCE 0.200000000000000004
M TOLERANCE 9.9999999999999995e-008
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2264
VCSWKID 105703
LATESTVCSWKID 6360

WELL-KNOWN TEXT

PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988_Foot_US",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]

REFERENCE SYSTEM IDENTIFIER

VALUE 2264
CODESPACE EPSG
VERSION 8.6.2

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME NCRouteCharacteristics

* OBJECT TYPE composite

* OBJECT COUNT 1071524

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NCRouteCharacteristics

* FEATURE TYPE Simple

* GEOMETRY TYPE Polyline

* HAS TOPOLOGY FALSE

* FEATURE COUNT 1071524

* SPATIAL INDEX TRUE

* LINEAR REFERENCING TRUE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

Hide Scope of quality information ▲

Hide Data Quality ▲

Lineage ►

PROCESS STEP ►

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

DESCRIPTION

Run internal program to create product.

PROCESS CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

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E-MAIL ADDRESS gishelp@ncdot.gov

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

CONTACT INSTRUCTIONS
Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2019-02-11 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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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

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

DESCRIPTION

Data Conversion Group maintains the NCDOT LRS in a geodatabase.

PROCESS CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

CONTACT INFORMATION ►

PHONE

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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

VOICE 919.707.2165

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TYPE

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POSTAL CODE 27604
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HOURS OF SERVICE
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CONTACT INSTRUCTIONS
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[Hide Contact information ▲](#)

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

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT
NAME SDE Feature Class
VERSION 10.5.1

DISTRIBUTION FORMAT
NAME Shape File
VERSION 10.5.1

DISTRIBUTION FORMAT
NAME File Geodatabase Feature Class
VERSION 10.5.1

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [NCRouteCharacteristics ►](#)

* TYPE Feature Class
* ROW COUNT 1071524
DEFINITION

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

DEFINITION SOURCE
ESRI

FIELD [RtPvdShldrWidth ►](#)
* ALIAS RtPvdShldrWidth
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 5
* SCALE 0
FIELD DESCRIPTION

The paved shoulder surface width for right shoulders.

DESCRIPTION SOURCE
NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1
MAXIMUM VALUE 16
UNITS OF MEASURE Feet

[Hide Field RtPvdShldrWidth ▲](#)

FIELD [LftTrnLnWidth ▶](#)

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

FIELD DESCRIPTION

The total width for left turning lanes.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 6
MAXIMUM VALUE 120
UNITS OF MEASURE Feet

[Hide Field LftTrnLnWidth ▲](#)

FIELD [EndMP5 ▶](#)

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

FIELD DESCRIPTION

End Milepost for route number 5.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP5 ▲](#)

FIELD [RouteID4 ▶](#)

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

[Hide Field RouteID4 ▲](#)

FIELD [StructurID ▶](#)

- * ALIAS StructurID
- * DATA TYPE String
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION
Structure Identifier.

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field StructurID ▲](#)

FIELD [RouteMaintCode ▶](#)

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

FIELD DESCRIPTION
Route status code represents maintenance status of the dominant route

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

DESCRIPTION System
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Status Codes

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

[Hide Field RouteMaintCode ▲](#)

FIELD [RtShldrType ▶](#)

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

FIELD DESCRIPTION
Indicates the surfce type of right shoulder.

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

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

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

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

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

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

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

[Hide Field RtShldrType ▲](#)

FIELD MedianWidth ►

* ALIAS MedianWidth
* DATA TYPE Integer
* WIDTH 4
* PRECISION 10
* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

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

[Hide Field MedianWidth ▲](#)

FIELD ImprvDate ►

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

FIELD DESCRIPTION

The date that the section of road was last improved

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field ImprvDate ▲](#)

FIELD RouteID5 ►

* ALIAS RouteID5
* DATA TYPE String
* WIDTH 11
* PRECISION 0
* SCALE 0

[Hide Field RouteID5 ▲](#)

FIELD BeginMP3 ►

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

FIELD DESCRIPTION

Begin Milepost for route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP3 ▲](#)

FIELD BeginMP2 ►

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

FIELD DESCRIPTION

Begin Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP2 ▲](#)

FIELD BeginMP1 ►

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

FIELD DESCRIPTION

Begin Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP1 ▲](#)

FIELD CounterPkLanes ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 12
UNITS OF MEASURE Lane

[Hide Field CounterPkLanes ▲](#)

FIELD **Direction** ▶

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

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE WB

DESCRIPTION Westbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE BD

DESCRIPTION Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CC

DESCRIPTION Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OI

DESCRIPTION Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE OO

DESCRIPTION Oneway Opposite

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE EB

DESCRIPTION Eastbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE CW

DESCRIPTION Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE NB

DESCRIPTION Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE SB

DESCRIPTION Southbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

[Hide Field Direction ▲](#)

FIELD **ImprvDocID** ▶

- * ALIAS ImprvDocID

* DATA TYPE String

* WIDTH 30

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field ImprvDocID ▲](#)

FIELD Shape.STLength() ►

* ALIAS Shape.STLength()

* DATA TYPE Double

* WIDTH 0

* PRECISION 0

* SCALE 0

[Hide Field Shape.STLength\(\) ▲](#)

FIELD OwnerType ►

* ALIAS OwnerType

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 5

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 32

DESCRIPTION Local Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21

DESCRIPTION Other State Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 63

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

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

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

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

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

[Hide Field OwnerType ▲](#)

FIELD [LftShldrType ▶](#)

* ALIAS LftShldrType

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Indicates the surface type of left shoulder.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Bitum

DESCRIPTION Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Grass

DESCRIPTION Grass or Sod

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Gravel

DESCRIPTION Gravel or Stone

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Concrete

DESCRIPTION Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Con

DESCRIPTION Curb-Concrete

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

VALUE Curb-Bit

DESCRIPTION Curb-Bituminous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubShoulderType

[Hide Field LftShldrType ▲](#)

FIELD [LftTrnLnType](#) ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

[NCDOT GIS](#)

LIST OF VALUES

VALUE [Continuous](#)

DESCRIPTION [Continuous Turn Lane](#)

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

VALUE [No Peak](#)

DESCRIPTION [No Turns During Peak Time](#)

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

VALUE [Single](#)

DESCRIPTION [Single Turn Lane](#)

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

VALUE [Multiple](#)

DESCRIPTION [Multiple Turn Lanes](#)

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

[Hide Field LftTrnLnType](#) ▲

FIELD [LftPvdShldrWidth](#) ▶

- * ALIAS [LftPvdShldrWidth](#)
- * DATA TYPE [SmallInteger](#)
- * WIDTH [2](#)
- * PRECISION [5](#)
- * SCALE [0](#)

FIELD DESCRIPTION

The paved shoulder surface width for left shoulders.

DESCRIPTION SOURCE

[NCDOT GIS](#)

RANGE OF VALUES

MINIMUM VALUE [1](#)

MAXIMUM VALUE [16](#)

UNITS OF MEASURE [Feet](#)

[Hide Field LftPvdShldrWidth](#) ▲

FIELD [EndMP1](#) ▶

- * ALIAS [EndMp1](#)
- * DATA TYPE [Double](#)
- * WIDTH [8](#)

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

End Milepost for route number 1.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP1 ▲](#)

FIELD [HOVLnCount ▶](#)

* ALIAS HOVLnCount

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 5

* SCALE 0

FIELD DESCRIPTION

The number of lanes used for HOV

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 12

UNITS OF MEASURE Lane

[Hide Field HOVLnCount ▲](#)

FIELD [SrfcDetail ▶](#)

* ALIAS SrfcDetail

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE S4.75A

DESCRIPTION S4.75A

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE Asphalt

DESCRIPTION Asphalt, Hot Mix Asphalt, Plant Mix Asphalt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S12.5D

DESCRIPTION S12.5D

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

VALUE S9.5A

DESCRIPTION S9.5A

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSurfaceDetail

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

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

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

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

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

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

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

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

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

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

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

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

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

Hide Field SrfcDetail ▲

FIELD StreetName ►
* ALIAS StreetName
* DATA TYPE String
* WIDTH 75
* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Local Street Name

DESCRIPTION SOURCE

Local County GIS/NCDOT GIS

[Hide Field StreetName ▲](#)

FIELD **BaseThickness** ►

* ALIAS BaseThickness

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 14

UNITS OF MEASURE Inches

[Hide Field BaseThickness ▲](#)

FIELD **AccessCont** ►

* ALIAS AccessCont

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Partial

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAccessControl

VALUE Full

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAccessControl

[Hide Field AccessCont ▲](#)

FIELD STRAHNETDate ►

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

FIELD DESCRIPTION

Strategic Highway Network Date

DESCRIPTION SOURCE

NCDOT GIS

Hide Field STRAHNETDate ▲

FIELD Shape ►

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

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD EndMP6 ►

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

FIELD DESCRIPTION

End Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field EndMP6 ▲

FIELD NHS ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 6

DESCRIPTION Major Inter-city Bus Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 9

DESCRIPTION Major Ferry Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 11

DESCRIPTION Congressional High Priority Corridor

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 2

DESCRIPTION Major Airport

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 3

DESCRIPTION Major Port Facility

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 4

DESCRIPTION Major Amtrak Station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 5

DESCRIPTION Major Rail/Truck Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 1

DESCRIPTION IS on the NHS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 7

DESCRIPTION Major Public Transit Terminal/Multi-modal Passenger Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 21

DESCRIPTION MAP-21

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

VALUE 8

DESCRIPTION Major Pipeline Terminal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubNationalHighwaySystem

Hide Field NHS ▲

FIELD ImprvDocType ►

* ALIAS ImprvDocType

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The type of source document that authorized the improvement.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Resfrc

DESCRIPTION Resurfacing Package

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Other

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE TIP

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

VALUE Paving Report

DESCRIPTION Paving Report

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubImprovementDocum

Hide Field ImprvDocType ▲

FIELD **TravelDirection** ►

* ALIAS TravelDirection

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Oneway direction flag - identifies one way traffic flow

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE One-way

DESCRIPTION One Direction

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

VALUE Both

DESCRIPTION Both Directions

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

Hide Field TravelDirection ▲

FIELD **MPLength** ►

* ALIAS MPLength

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

Segment length calculated from LIDAR data

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field MPLength ▲](#)

FIELD TerrainType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Level

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 3

DESCRIPTION Mountainous

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

VALUE 2

DESCRIPTION Rolling

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTerrainType

[Hide Field TerrainType ▲](#)

FIELD AddDate ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field AddDate ▲](#)

FIELD EndMP2 ►

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

FIELD DESCRIPTION

End Milepost for route number 2.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP2 ▲](#)

FIELD [GeoDocType ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE L

DESCRIPTION Plat

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE A

DESCRIPTION Aerial Photo

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE P

DESCRIPTION Parcels

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE G

DESCRIPTION GPS

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE F

DESCRIPTION Field Research

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE N

DESCRIPTION Not-Verified

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE O

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

VALUE C

DESCRIPTION Local Centerline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Revision Document Codes

[Hide Field GeoDocType ▲](#)

FIELD [EndMP4 ▶](#)

- * ALIAS EndMp4
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 38
- * SCALE 8

FIELD DESCRIPTION

End Milepost for route number 4.

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field EndMP4 ▲](#)

FIELD [BeginMP4 ▶](#)

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

FIELD DESCRIPTION

Begin Milepost for route number 4.

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field BeginMP4 ▲](#)

FIELD [AddDocID ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field AddDocID ▲](#)

FIELD [BarePvmtRoute ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

VALUE	Y
DESCRIPTION	Yes

[Hide Field BarePvmtRoute ▲](#)

FIELD TollID ▶

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

FIELD DESCRIPTION

The toll identifier assigned by FHWA

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 194

DESCRIPTION Western Wake Expressway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

VALUE 193

DESCRIPTION Triangle Parkway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollID

Hide Field TollID ▲

FIELD RouteClass ▶

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

FIELD DESCRIPTION

Route class code - dominant route classification

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 9

DESCRIPTION Projected Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 5

DESCRIPTION Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 2

DESCRIPTION US Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

VALUE 1

DESCRIPTION Interstate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Class Codes

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

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

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

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

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

Hide Field RouteClass ▲

FIELD ROW ►

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

FIELD DESCRIPTION
The width of land designated for the facility.

DESCRIPTION SOURCE
NCDOT GIS

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

Hide Field ROW ▲

FIELD SrcDocType ►

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

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES
VALUE 0

DESCRIPTION Other
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Source Document Codes

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

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

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

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

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

Hide Field SrcDocType ▲

FIELD MedianType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

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

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

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

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

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

VALUE RPB

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

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

[Hide Field MedianType ▲](#)

FIELD TollType ▶

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

FIELD DESCRIPTION
Used to identify the type of toll road

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES
VALUE Regular
DESCRIPTION Regular Toll
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTollType

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

[Hide Field TollType ▲](#)

FIELD TollCharged ▶

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

FIELD DESCRIPTION
Indicates the travel direction that a toll is charged

DESCRIPTION SOURCE
NCDOT GIS

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

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

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

[Hide Field TollCharged ▲](#)

FIELD MaintOps ▶

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

FIELD DESCRIPTION

Agency providing maintenance operations

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 70

DESCRIPTION Corps of Engineers

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 63

DESCRIPTION Bureau of Fish and Wildlife

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 12

DESCRIPTION Local Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 25

DESCRIPTION Other Local Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 50

DESCRIPTION Indian Tribe Nation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 31

DESCRIPTION State Toll Road

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 40

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 80

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 11

DESCRIPTION State Park, Forest, or Reservation Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 27

DESCRIPTION Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 74

DESCRIPTION Army

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 60

DESCRIPTION Other Federal Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 68

DESCRIPTION Bureau of Land Management

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 67

DESCRIPTION Tennessee Valley Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 4

DESCRIPTION City or Municipal Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 3

DESCRIPTION Town or Township Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 62

DESCRIPTION Bureau of Indian Affairs

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 2

DESCRIPTION County Highway Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 64

DESCRIPTION U.S. Forest Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 73

DESCRIPTION Navy/Marines

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 32

DESCRIPTION Local Toll Authority

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 69

DESCRIPTION Bureau of Reclamation

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 21

DESCRIPTION Other State Agency

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 26

DESCRIPTION Private (other than Railroad)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 72

DESCRIPTION Air Force

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

VALUE 66

DESCRIPTION National Park Service

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubOwnership

FIELD [HOVAccess](#) ▶

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

FIELD DESCRIPTION

Indicates HOV lane type.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Buses

DESCRIPTION Buses Only

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVAccess

VALUE 2 or More

DESCRIPTION 2 or More People

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVAccess

[Hide Field HOVAccess](#) ▲

FIELD [StructurType](#) ▶

- * ALIAS StructurType
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The location of bridges, tunnels and causeways

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Causeway

DESCRIPTION Causeway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubStructure

VALUE Tunnel

DESCRIPTION Tunnel

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubStructure

VALUE Bridge

DESCRIPTION Bridge

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubStructure

[Hide Field StructurType](#) ▲

FIELD [MunPopGroup](#) ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 2

DESCRIPTION 1000 to 2,499

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 8

DESCRIPTION 100,000 and over

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 3

DESCRIPTION 2,500 to 4,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 7

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 4

DESCRIPTION 5,000 to 9,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 1

DESCRIPTION Under 1,000 Population

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 5

DESCRIPTION 10,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

VALUE 6

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubMunicipalPopulationGroup

Hide Field MunPopGroup ▲

FIELD LaneWidth ►

* ALIAS LaneWidth

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 5

* SCALE 0

FIELD DESCRIPTION

Width on 1 travel lane.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 6

MAXIMUM VALUE 20

UNITS OF MEASURE Feet

Hide Field LaneWidth ▲

FIELD [RouteNumber](#) ▶

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

FIELD DESCRIPTION

Route number - dominant route number

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field RouteNumber](#) ▲

FIELD [MilitaryBase](#) ▶

- * ALIAS [MilitaryBase](#)
- * DATA TYPE [SmallInteger](#)
- * WIDTH [2](#)
- * PRECISION [5](#)
- * SCALE [0](#)

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE [7](#)

DESCRIPTION [Elizabeth City Coast Guard Air Station](#)

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

VALUE [3](#)

DESCRIPTION [Fort Bragg Army Base](#)

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

VALUE [2](#)

DESCRIPTION [Seymour Johnson Air Force Base](#)

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

VALUE [5](#)

DESCRIPTION [Cherry Point Marine Air Station](#)

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

VALUE [4](#)

DESCRIPTION [Camp Lejeune Marine Base](#)

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

VALUE [1](#)

DESCRIPTION [Pope Air Force Base](#)

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

VALUE [6](#)

DESCRIPTION [New River Marine Air Station](#)

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

[Hide Field MilitaryBase ▲](#)

FIELD [PostedRoute ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- VALUE Number
- DESCRIPTION Ordinance number

[Hide Field PostedRoute ▲](#)

FIELD [FcltyType ▶](#)

- * ALIAS FcltyType
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- VALUE One Way
- DESCRIPTION One-Way Roadway
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

- VALUE Non-Main
- DESCRIPTION Non-Mainline
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

- VALUE Couplet
- DESCRIPTION Couplet
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

- VALUE GS Ramp
- DESCRIPTION Grade-Separated Ramp
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFacilityType

[Hide Field FcltyType ▲](#)

FIELD [LaneMiles ▶](#)

- * ALIAS LaneMiles
- * DATA TYPE Double
- * WIDTH 8

- * PRECISION 38
- * SCALE 8

Hide Field LaneMiles ▲

FIELD **NHSDate** ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

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

Hide Field NHSDate ▲

FIELD **UrbanType** ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Urban Cluster

DESCRIPTION Urban Cluster

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

VALUE Urbanized Area

DESCRIPTION Urbanized Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanAreaType

Hide Field UrbanType ▲

FIELD **RouteID3** ▶

- * ALIAS RouteID3
- * DATA TYPE String
- * WIDTH 11
- * PRECISION 0
- * SCALE 0

Hide Field RouteID3 ▲

FIELD **SrfcThickness** ▶

- * ALIAS SrfcThickness
- * DATA TYPE Double

* WIDTH 8
* PRECISION 38
* SCALE 8

FIELD DESCRIPTION

The thickness of the surface material of the road.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 0.25
MAXIMUM VALUE 18
UNITS OF MEASURE Inches

Hide Field SrfcThickness ▲

FIELD TownCode ►

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

FIELD DESCRIPTION

A code identifying the municipality where the segment is located.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field TownCode ▲

FIELD TrkRoute ►

* ALIAS TrkRoute
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 5
DESCRIPTION Designated Truck Route (Federally approved)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 3
DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited during specific periods; not a designated Truck Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 4
DESCRIPTION Not a Parkway- Trucks/Commercial Vehicles Prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

VALUE 2

DESCRIPTION Parkway- Trucks/Commercial Vehicles Prohibited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubTruckRouteType

Hide Field TrkRoute ▲

FIELD BaseDetail ►

* ALIAS BaseDetail

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE I19.0B

DESCRIPTION I19.0B

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE STBC

DESCRIPTION Soil Type Base Course

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE I19.0C

DESCRIPTION I19.0C

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE B25.0C

DESCRIPTION B25.0C

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE CABC

DESCRIPTION Coarse Aggregate Base Course

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE SS

DESCRIPTION Stabilized Subgrade

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE Soil

DESCRIPTION Soil

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE ABC

DESCRIPTION Aggregate Base Course, Stone

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE CTABC

DESCRIPTION CTBC Cement Treated Aggregate Base Course

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE I19.0D

DESCRIPTION I19.0D

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

VALUE B25.0B

DESCRIPTION B25.0B

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubBaseDetail

Hide Field BaseDetail ▲

FIELD OBJECTID ►

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD TownName ►

* ALIAS TownName

* DATA TYPE String

* WIDTH 30

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

A name identifying the municipality where the segment is located.

DESCRIPTION SOURCE

NCDOT GIS

Hide Field TownName ▲

FIELD LftShldrWidth ►

* ALIAS LftShldrWidth

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 5

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 30

UNITS OF MEASURE Feet

[Hide Field LftShldrWidth ▲](#)

FIELD EndMP3 ►

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

FIELD DESCRIPTION

End Milepost for route number 3.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field EndMP3 ▲](#)

FIELD STRAHNETType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Regular STRAHNET

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

VALUE 2

DESCRIPTION Connector

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubSTRAHNET

[Hide Field STRAHNETType ▲](#)

FIELD MaintCntyCode ►

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

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 054

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

VALUE 006
DESCRIPTION Avery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 014
DESCRIPTION Caldwell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

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

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

VALUE 071
DESCRIPTION Pender
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 904
DESCRIPTION Virginia
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 048
DESCRIPTION Hyde
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 069
DESCRIPTION Pamlico
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 038
DESCRIPTION Graham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 035
DESCRIPTION Franklin
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 042
DESCRIPTION Halifax
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 093
DESCRIPTION Warren
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 007
DESCRIPTION Beaufort
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 021
DESCRIPTION Chowan
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 089
DESCRIPTION Tyrrell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 028
DESCRIPTION Dare
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

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

VALUE 037
DESCRIPTION Gates
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 009
DESCRIPTION Bladen
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 033

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

VALUE 017
DESCRIPTION Caswell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 011
DESCRIPTION Buncombe
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

VALUE 051
DESCRIPTION Johnston
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

VALUE 999
DESCRIPTION NA
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 066
DESCRIPTION Northampton
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 059
DESCRIPTION McDowell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 008
DESCRIPTION Bertie
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 083
DESCRIPTION Scotland
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 026
DESCRIPTION Cumberland
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 010
DESCRIPTION Brunswick
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 020
DESCRIPTION Cherokee
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 097
DESCRIPTION Wilkes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 036
DESCRIPTION Gaston
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 079
DESCRIPTION Rockingham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 041
DESCRIPTION Guilford
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 061
DESCRIPTION Mitchell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 090
DESCRIPTION Union
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 080
DESCRIPTION Rowan
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 087

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

VALUE 029
DESCRIPTION Davidson
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

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

VALUE 085
DESCRIPTION Stokes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 002
DESCRIPTION Alexander
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 045
DESCRIPTION Henderson
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 032
DESCRIPTION Durham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 018
DESCRIPTION Catawba
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

VALUE 062
DESCRIPTION Montgomery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 068
DESCRIPTION Orange
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 030
DESCRIPTION Davie
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 100
DESCRIPTION Yancey
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 022
DESCRIPTION Clay
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 065
DESCRIPTION New Hanover
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 055
DESCRIPTION Lincoln
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 001
DESCRIPTION Alamance
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

VALUE 084

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

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

VALUE 049
DESCRIPTION Iredell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

VALUE 077
DESCRIPTION Richmond
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

VALUE 086
DESCRIPTION Surry
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid County and State Codes

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

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

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

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

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

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

Hide Field MaintCntyCode ▲

FIELD RouteID6 ►

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

Hide Field RouteID6 ▲

FIELD **Division** ▶

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

FIELD DESCRIPTION

The NCDOT Division number for each route segment

DESCRIPTION SOURCE

NCDOT

Hide Field Division ▲

FIELD **AddDocType** ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE TIP

DESCRIPTION TIP

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE MA

DESCRIPTION MUNICIPAL_AGREEMENT

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Correction

DESCRIPTION Correction

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Other

DESCRIPTION OTHER

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

VALUE Petition

DESCRIPTION Petition

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubAdditionDocument

Hide Field AddDocType ▲

FIELD **RouteName** ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field RouteName ▲](#)

FIELD **ThruLaneCount** ▶

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

FIELD DESCRIPTION

The number of through lanes

DESCRIPTION SOURCE
NCDOT GIS

RANGE OF VALUES

- MINIMUM VALUE 1
- MAXIMUM VALUE 12
- UNITS OF MEASURE Lanes

[Hide Field ThruLaneCount ▲](#)

FIELD **BeginFeatureID** ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

VALUE NA
DESCRIPTION Unable to identify type of intersection.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

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

VALUE X-Cross
DESCRIPTION The route crosses back over itself. An example would be a loop route.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Pseudo
DESCRIPTION Change in event attributes for the segment.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BS000###
DESCRIPTION The segment intersects the state boundary. Eight digit value starting with the character "BS" and ending with the NCDOT state number. 901 = Georgia, 902 = South Carolina , 903 = Tennessee, 904 = Virginia.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Route number

DESCRIPTION See RouteID attribute description

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BC000###

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

[Hide Field BeginFeatureID ▲](#)

FIELD UrbanPop ►

* ALIAS UrbanPop

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 5

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 7

DESCRIPTION > 200,000

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 6

DESCRIPTION 100,000 to 199,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 5

DESCRIPTION 50,000 to 99,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 4

DESCRIPTION 25,000 to 49,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 3

DESCRIPTION 5,000 to 24,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 1

DESCRIPTION Less than 2,500

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

VALUE 2

DESCRIPTION 2,500 to 4,999

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanPopulation

[Hide Field UrbanPop ▲](#)

FIELD SrcDocID ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

Hide Field SrcDocID ▲

FIELD FuncClassDate ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

Hide Field FuncClassDate ▲

FIELD SrfcWidth ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 9
MAXIMUM VALUE 400
UNITS OF MEASURE Feet

Hide Field SrfcWidth ▲

FIELD ImprvType ►

- * ALIAS ImprvType
- * DATA TYPE String

* WIDTH 4
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

The type of the last improvement to the road

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

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

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

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

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

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

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

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

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

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

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

[Hide Field ImprvType ▲](#)

FIELD [RouteQualifier ►](#)

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

FIELD DESCRIPTION

Route primary code - dominant route classification code

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 6

DESCRIPTION West Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 2

DESCRIPTION Bypass Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 89

DESCRIPTION Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 9

DESCRIPTION Business Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 8

DESCRIPTION Truck Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 81

DESCRIPTION Rest Area

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 7

DESCRIPTION Connector Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 0

DESCRIPTION Normal Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 5

DESCRIPTION East Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 80

DESCRIPTION Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

VALUE 1

DESCRIPTION Alternate Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Primary Codes

Hide Field RouteQualifier ▲

FIELD AppaDevHwy ►

* ALIAS AppaDevHwy

* DATA TYPE String

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES
VALUE Y
DESCRIPTION Yes

[Hide Field AppaDevHwy ▲](#)

FIELD RtShldrWidth ►

* ALIAS RtShldrWidth
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

RANGE OF VALUES
MINIMUM VALUE 1
MAXIMUM VALUE 30
UNITS OF MEASURE Feet

[Hide Field RtShldrWidth ▲](#)

FIELD RouteID2 ►

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

[Hide Field RouteID2 ▲](#)

FIELD EndFeatureID ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES
VALUE BC000###
DESCRIPTION The segment intersects a county boundary. Eight digit value starting with the character "BC" and ending with the NCDOT county # (001-100). See MaintCntyCode attribute description in RdChar metadata for county # values.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

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

VALUE Route number
DESCRIPTION See RouteID attribute description
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE NA
DESCRIPTION Unable to identify type of intersection.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE BS000###
DESCRIPTION The segment intersects the state boundary. Eight digit value starting with the character "BS" and ending with the NCDOT state number. 901 = Georgia, 902 = South Carolina , 903 = Tennessee, 904 = Virginia.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE Pseudo
DESCRIPTION Change in event attributes for the segment.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

VALUE X-Cross
DESCRIPTION The route crosses back over itself. An example would be a loop route.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT GIS

[Hide Field EndFeatureID ▲](#)

FIELD RtTrnLnType ►

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

LIST OF VALUES

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

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

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

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

[Hide Field RtTrnLnType ▲](#)

FIELD [LocCntyCode](#) ▶

- * ALIAS [LocCntyCode](#)
- * DATA TYPE [String](#)
- * WIDTH [4](#)
- * PRECISION [0](#)
- * SCALE [0](#)

FIELD DESCRIPTION

Location county code - county containing the feature

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- VALUE [County number - see Maintenance county code domains](#)
- DESCRIPTION [County name - see Maintenance county code domains](#)
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Valid County and State Codes](#)

[Hide Field LocCntyCode](#) ▲

FIELD [BeginMP6](#) ▶

- * ALIAS [BeginMp6](#)
- * DATA TYPE [Double](#)
- * WIDTH [8](#)
- * PRECISION [38](#)
- * SCALE [8](#)

FIELD DESCRIPTION

Begin Milepost for route number 6.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP6](#) ▲

FIELD [FuncClass](#) ▶

- * ALIAS [FuncClass](#)
- * DATA TYPE [SmallInteger](#)
- * WIDTH [2](#)
- * PRECISION [5](#)
- * SCALE [0](#)

FIELD DESCRIPTION

A classification system of roads based on the character of traffic service that they are intended to provide. Approval of changes is done by the Federal Highway Administration.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

- VALUE [1](#)
- DESCRIPTION [Interstate](#)
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubFunctionalClass](#)

- VALUE [2](#)
- DESCRIPTION [PA-FrwyExp](#)
- ENUMERATED DOMAIN VALUE DEFINITION SOURCE [Code:dPubFunctionalClass](#)

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

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

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

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

VALUE 4
DESCRIPTION Minor Arterial
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubFunctionalClass

Hide Field FuncClass ▲

FIELD **DesignSpd** ►

* ALIAS DesignSpd
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 15
MAXIMUM VALUE 80
UNITS OF MEASURE MPH

Hide Field DesignSpd ▲

FIELD **RtTrnLnWidth** ►

* ALIAS RtTrnLnWidth
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

The total width for right turning lanes.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 6
MAXIMUM VALUE 120
UNITS OF MEASURE Feet

[Hide Field RtTrnLnWidth ▲](#)

FIELD RouteInventory ▶

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

FIELD DESCRIPTION

Route direction code - dominant route direction

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

LIST OF VALUES

VALUE 1

DESCRIPTION Non-Inventory for non-primary routes.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 4

DESCRIPTION Non-Inventory (Southbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 9

DESCRIPTION Non-Inventory (Counterclockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 6

DESCRIPTION Non-Inventory (Westbound)for primary routes and non-inventory for non-primary routes.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 0

DESCRIPTION Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

VALUE 8

DESCRIPTION Inventory (Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Route Direction Codes

[Hide Field RouteInventory ▲](#)

FIELD UrbanID ▶

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 35380

DESCRIPTION Greenville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

VALUE 59032
DESCRIPTION MOORESVILLE
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

VALUE 73261
DESCRIPTION Capital Area Metropolitan Organization

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 45208
DESCRIPTION KINGS_MOUNTAIN
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

VALUE 60895
DESCRIPTION Myrtle Beach-Socastee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

VALUE 27415
DESCRIPTION EMERALD_ISLE
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VALUE 59815
DESCRIPTION Mount Airy

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 78391

DESCRIPTION SALISBURY

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 44965

DESCRIPTION Kill Devil Hills

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

VALUE 31384

DESCRIPTION Franklin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubUrbanIdentification

[Hide Field UrbanID ▲](#)

FIELD [TrkRouteDate ▶](#)

* ALIAS TrkRouteDate

* DATA TYPE Date

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field TrkRouteDate ▲](#)

FIELD [BeginMP5 ▶](#)

* ALIAS BeginMp5

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

Begin Milepost for route number 5.

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field BeginMP5 ▲](#)

FIELD [SampleID ▶](#)

* ALIAS SampleID

* DATA TYPE Integer

* WIDTH 4

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

An identification number for the HPMS samples.

DESCRIPTION SOURCE

NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 100000
MAXIMUM VALUE 999999
UNITS OF MEASURE Feet

[Hide Field SampleID ▲](#)

FIELD SrfcType ►

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

FIELD DESCRIPTION

The generalized type of pavement surface on the road.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE UJC_PCC
DESCRIPTION Unbonded JC Overlay on PCC
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

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

VALUE Unpaved
DESCRIPTION Unpaved
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE AC_CRCP
DESCRIPTION AC overlay on CRCP)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE AC_AC
DESCRIPTION AC overlay on AC
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE JPCP
DESCRIPTION JPCP
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE BPCC_PCC
DESCRIPTION Bonded PCC Overlay on PCC
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE Other
DESCRIPTION Other (includes bridge decks, whitetopping, brick)
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE CRCP
DESCRIPTION CRCP
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:SRFC_TYP_TYP_NM

VALUE AC_JCP
DESCRIPTION AC overlay on JCP

[Hide Field SrfcType ▲](#)

FIELD [SpeedLimit ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field SpeedLimit ▲](#)

FIELD [PeakLanes ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE
NCDOT GIS

RANGE OF VALUES

MINIMUM VALUE 1
MAXIMUM VALUE 12
UNITS OF MEASURE Lane

[Hide Field PeakLanes ▲](#)

FIELD [OwnerName ▶](#)

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

FIELD DESCRIPTION

Ownership Name.

DESCRIPTION SOURCE
NCDOT GIS

[Hide Field OwnerName ▲](#)

FIELD [RouteID ▶](#)

- * ALIAS RouteID
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

[Hide Field RouteID ▲](#)

FIELD [GeoDocID ▶](#)

- * ALIAS GeoDocID
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Revision document number - geometric reference document (year)

DESCRIPTION SOURCE

NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

[Hide Field GeoDocID ▲](#)

FIELD [HOVType ▶](#)

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

FIELD DESCRIPTION

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

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE Shldr/Prkg

DESCRIPTION Shoulder/Parking HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

VALUE Part-Time

DESCRIPTION Part-Time HOV

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Code:dPubHOVType

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

[Hide Field HOVType ▲](#)

[Hide Details for object NCRouteCharacteristics ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER EB38D42C-3701-4576-B486-C6AAE9AC34C4

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

LAST UPDATE 2019-01-22

ARCGIS METADATA PROPERTIES

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

CREATED IN ARCGIS FOR THE ITEM 2019-01-08 15:13:04
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-01-22 15:43:11

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-01-22 09:15:34

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

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

CONTACT INFORMATION ►

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ADMINISTRATIVE AREA North Carolina
POSTAL CODE 27604
COUNTRY US
E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

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LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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Thumbnail and Enclosures ►

THUMBNAIL

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