# Road Characteristics - Access Control, 3rd Quarter 2023 - NC Department of Transportation

## File Geodatabase Feature Class



**Tags**

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

## Summary

This feature class contains lines representing North Carolina state-maintained highways where there is either partial or full access control. Access control refers to the management and regulation of through-movement traffic to ensure safe and efficient flow. The data is represented as lines derived from the NCDOT Linear Reference System (LRS) network of routes via the NCRouteCharacteristics data set updated quarterly in support of Highway Performance Monitoring System (HPMS) reporting.

## Description

This feature class is a representation of a subset of North Carolina roads and highways where Access Control is described as partial or full.

Proper management of traffic Access Control helps prevent accidents, reduces the chances of traffic bottlenecks, and contributes to a smoother and safer driving experience for motorists and pedestrians.

Roads with Partial Access Control: Preference is given to through-traffic movement. There may be a mix of interchanges, with at-grade crossings on public roads. There also may be no interchanges, but instead direct, private driveway connections have been minimized through the use of frontage roads or other local access restrictions. Control of curb cuts is not "access control."

Roads with Full Access Control: Road has complete access control. Preference has been given to through traffic movements by providing interchanges with selected roads. No at-grade intersections are allowed.

## Credits

The North Carolina Department of Transportation, Division of Highways.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

## 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.

This data is produced as a derivative of a reporting product out of the NCDOT Linear Referencing System, and is intended for visualization and reference use only. This is representative data only and is not designed for participation in data analysis or modelling. Use of this data is not analogous to integration with or alignment to NCDOT's Linear Referencing System.

## Extent

representation of partial or full road access control in North Carolina. The GIS Unit modifies the LRS Network routes by creating, editing, or retiring based on official change notification from various NCDOT sources.  Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation. Web mapping services are created from some of the events. The LRS supports systems, web applications, and geospatial data needs across NCDOT business units, as well as submittal to the Federal Highway Administration's Highway Performance Monitoring System (HPMS).

PROCESS STEP    ▶

DESCRIPTION

Development and maintenance of NCDOT's Linear Referencing System. This includes the road centerline, route network, some events, and other related spatial data.

PROCESS CONTACT

ORGANIZATION'S NAME    North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION    GIS Data and Services Consultant

CONTACT'S ROLE    originator

CONTACT INFORMATION    ▶

ADDRESS

TYPE    physical

DELIVERY POINT    4101 Capital Blvd

CITY    Raleigh

ADMINISTRATIVE AREA    NC

POSTAL CODE    27604

COUNTRY    US

E-MAIL ADDRESS    gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

*Hide Contact information* ▲

*Hide Process step* ▲

PROCESS STEP   ▶

DESCRIPTION

Routes are created, edited, and/or retired based on official change notification from various NCDOT sources. Road attribute-only information is also provided to the GIS Unit. Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation.

PROCESS CONTACT

ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION   GIS Data and Services Consultant

CONTACT'S ROLE   resource provider

CONTACT INFORMATION   ▶

ADDRESS

TYPE   physical

DELIVERY POINT   4101 Capital Blvd

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

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*Hide Process step ▲*

PROCESS STEP   ▶

DESCRIPTION

Road attributes (event data) are referenced to the LRS network (routes). The event is edited by the NCDOT Division of Planning & Programming in an enterprise environment using Esri's online ArcGIS Event Editor software.

PROCESS CONTACT

ORGANIZATION'S NAME  North Carolina Department of Transportation, Operations Program Management

CONTACT'S POSITION  Road Inventory Engineer

CONTACT'S ROLE  processor

CONTACT INFORMATION  ▶

PHONE

VOICE  919-733-3725

ADDRESS

TYPE  physical

DELIVERY POINT  4809 Beryl Road

CITY  Raleigh

ADMINISTRATIVE AREA  NC

POSTAL CODE  27606

E-MAIL ADDRESS  jtdavis@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday – Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

*Hide Contact information ▲*

*Hide Process step ▲*

PROCESS STEP  ▶

DESCRIPTION

The NCRouteCharacteristics data is produced, where this data is derived.

PROCESS CONTACT

ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION   GIS Data and Services Consultant

CONTACT'S ROLE   point of contact

CONTACT INFORMATION   ▶

ADDRESS

TYPE   physical

DELIVERY POINT   4101 Capital Blvd

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

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*Hide Contact information ▲*

*Hide Process step ▲*

*Hide Lineage ▲*

# Distribution ▶

DISTRIBUTOR   ▶

CONTACT INFORMATION

ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION   GIS Data and Services Consultant

CONTACT'S ROLE   distributor

CONTACT INFORMATION ▶

ADDRESS

TYPE   physical

DELIVERY POINT   4101 Capital Blvd

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

*Hide Contact information ▲*

*Hide Distributor ▲*

DISTRIBUTION FORMAT
VERSION   10.8.1

* NAME   File Geodatabase Feature Class

*Hide Distribution ▲*

# Fields ▶

DETAILS FOR OBJECT RoadAccessControl  ▶

* TYPE   Feature Class

* ROW COUNT   1656

DEFINITION

Access Control to North Carolina state-maintained routes

DEFINITION SOURCE

North Carolina Department of Transportation

## FIELD RouteQualifier ►

* **ALIAS**   RouteQualifier

* **DATA TYPE**   String

* **WIDTH**   5

* **PRECISION**   0

* **SCALE**   0

**FIELD DESCRIPTION**

An additional code that further defines the Dominant Route and is the 2nd digit in the 11 digit route number.

**DESCRIPTION SOURCE**

Federal Highway Administration/NCDOT GIS

**LIST OF VALUES**

**VALUE**   2

**DESCRIPTION**   Bypass Route

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

**VALUE**   6

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

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

**VALUE**   0

**DESCRIPTION**   Normal Route. On most routes this indicates it is the normal route. If the route class is FED, then 0 (Normal) is the Blue Ridge Parkway.

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

**VALUE**   7

**DESCRIPTION**   Spur/Connector Route. If the Route Class is Interstate, then the route is a spur. If the Route Class is US or NC Route then the route is a connector.

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

**VALUE**   8

**DESCRIPTION**   Truck Route

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

VALUE   82

DESCRIPTION   Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   80

DESCRIPTION   Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   9

DESCRIPTION   Business Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   1

DESCRIPTION   Alternate RouteAlternate Route. If the route class is FED, 1 (Alternative) is military-owned.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   89

DESCRIPTION   Non-Mainline

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   5

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

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


VALUE   81

DESCRIPTION   Rest Areas

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes


*Hide Field RouteQualifier* ▲




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   4

DESCRIPTION   Secondary Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Class Codes

VALUE   9

DESCRIPTION   Projected 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   7

DESCRIPTION   Federal 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   6

DESCRIPTION   Other State Agency 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  82

DESCRIPTION  Non-System Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Route Class Codes

VALUE  2

DESCRIPTION  US Route

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Route Class Codes

VALUE  80

DESCRIPTION  Ramp

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Route Class Codes

VALUE  5

DESCRIPTION  Non-System

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Route Class Codes

VALUE  1

DESCRIPTION  Interstate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Route Class Codes

*Hide Field RouteClass* ▲

FIELD MaintCntyCode  ▶

* ALIAS  MaintCntyCode

* DATA TYPE  String

* WIDTH  3

* PRECISION  0

* SCALE  0

FIELD DESCRIPTION

Maintenance county code - county responsible for maintenance and is the last 3 digits of the 11 digit route number.

DESCRIPTION SOURCE

VALUE   008

DESCRIPTION   Bertie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   067

DESCRIPTION   Onslow

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   017

DESCRIPTION   Caswell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   069

DESCRIPTION   Pamlico

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   039

DESCRIPTION   Granville

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   060

DESCRIPTION   Mecklenburg

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   093

DESCRIPTION   Warren

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   051

DESCRIPTION   Johnston

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   086

DESCRIPTION   Surry

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   098

DESCRIPTION   Wilson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   084

DESCRIPTION   Stanly

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   029

DESCRIPTION   Davidson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   048

DESCRIPTION   Hyde

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   032

DESCRIPTION   Durham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   006

DESCRIPTION   Avery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   004

DESCRIPTION   Anson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   090

DESCRIPTION   Union

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

**VALUE** 061

**DESCRIPTION** Mitchell

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 009

**DESCRIPTION** Bladen

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 066

**DESCRIPTION** Northampton

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 003

**DESCRIPTION** Alleghany

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 092

**DESCRIPTION** Wake

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 047

**DESCRIPTION** Hoke

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 031

**DESCRIPTION** Duplin

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 081

**DESCRIPTION** Rutherford

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code


**VALUE** 023

**DESCRIPTION** Cleveland

**ENUMERATED DOMAIN VALUE DEFINITION SOURCE** Valid Sap County Code

VALUE   065

DESCRIPTION   New Hanover

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   094

DESCRIPTION   Washington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   052

DESCRIPTION   Jones

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   096

DESCRIPTION   Wayne

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   100

DESCRIPTION   Yancey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   074

DESCRIPTION   Pitt

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   024

DESCRIPTION   Columbus

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   033

DESCRIPTION   Edgecombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   099

DESCRIPTION   Yadkin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  018

DESCRIPTION  Catawba

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  062

DESCRIPTION  Montgomery

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  002

DESCRIPTION  Alexander

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  019

DESCRIPTION  Chatham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  063

DESCRIPTION  Moore

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  025

DESCRIPTION  Craven

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  030

DESCRIPTION  Davie

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  079

DESCRIPTION  Rockingham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE  095

DESCRIPTION  Watauga

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  038

DESCRIPTION  Graham

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  007

DESCRIPTION  Beaufort

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  034

DESCRIPTION  Forsyth

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  014

DESCRIPTION  Caldwell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  020

DESCRIPTION  Cherokee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  027

DESCRIPTION  Currituck

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  049

DESCRIPTION  Iredell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code


VALUE  021

DESCRIPTION  Chowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Sap County Code

VALUE 028

DESCRIPTION Dare

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 064

DESCRIPTION Nash

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 043

DESCRIPTION Harnett

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 058

DESCRIPTION Martin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 057

DESCRIPTION Madison

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 037

DESCRIPTION Gates

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 056

DESCRIPTION Macon

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 005

DESCRIPTION Ashe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 068

DESCRIPTION Orange

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 045

DESCRIPTION Henderson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 036

DESCRIPTION Gaston

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 071

DESCRIPTION Pender

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 083

DESCRIPTION Scotland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 042

DESCRIPTION Halifax

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 077

DESCRIPTION Richmond

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 085

DESCRIPTION Stokes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 044

DESCRIPTION Haywood

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 050

DESCRIPTION Jackson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     035

DESCRIPTION     Franklin

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     076

DESCRIPTION     Randolph

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     082

DESCRIPTION     Sampson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     070

DESCRIPTION     Pasquotank

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     022

DESCRIPTION     Clay

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     087

DESCRIPTION     Swain

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     016

DESCRIPTION     Carteret

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     089

DESCRIPTION     Tyrrell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE     Valid Sap County Code

VALUE     013

DESCRIPTION   Cabarrus

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   001

DESCRIPTION   Alamance

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   088

DESCRIPTION   Transylvania

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   072

DESCRIPTION   Perquimans

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   054

DESCRIPTION   Lenoir

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   012

DESCRIPTION   Burke

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   059

DESCRIPTION   McDowell

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   073

DESCRIPTION   Person

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code


VALUE   026

DESCRIPTION   Cumberland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE 080

DESCRIPTION Rowan

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 040

DESCRIPTION Greene

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 055

DESCRIPTION Lincoln

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 053

DESCRIPTION Lee

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 015

DESCRIPTION Camden

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 041

DESCRIPTION Guilford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 010

DESCRIPTION Brunswick

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 011

DESCRIPTION Buncombe

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 097

DESCRIPTION Wilkes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 075

DESCRIPTION Polk

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 091

DESCRIPTION Vance

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 046

DESCRIPTION Hertford

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


VALUE 078

DESCRIPTION Robeson

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code


*Hide Field MaintCntyCode* ▲


FIELD RouteInventory ►

* ALIAS RouteInventory

* DATA TYPE String

* WIDTH 1

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The NCDOT Route Direction for Dominant Route and is the 3rd digit of the 11 digit route number.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE 4

DESCRIPTION Non-Inventory (Southbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Inventory Codes

VALUE  9

DESCRIPTION  Non-Inventory (Counter-Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Inventory Codes


VALUE  6

DESCRIPTION  Non-Inventory (Westbound)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Inventory Codes


VALUE  8

DESCRIPTION  Inventory (Clockwise)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Inventory Codes


VALUE  0

DESCRIPTION  Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE  Valid Inventory Codes


*Hide Field RouteInventory ▲*


FIELD RouteId  ►

* ALIAS  RouteId

* DATA TYPE  String

* WIDTH  15

* PRECISION  0

* SCALE  0

FIELD DESCRIPTION

Route Identifier for Dominant Route. the 11 digit composite route number.
More information explaining this route naming convention used by NCDOT is available here:
https://xfer.services.ncdot.gov/gisdot/DistDOTData/Guide%20to%20the%20NCDOT%20Eleven-
Digit%20Route%20Number%20-%20Rome%20Implementation.pdf


DESCRIPTION SOURCE

NCDOT GIS


DESCRIPTION OF VALUES

Positive 11 digit numbers.

FIELD RouteNumber ►

* ALIAS   RouteNumber

* DATA TYPE   String

* WIDTH   5

* PRECISION   0

* SCALE   0

FIELD DESCRIPTION

Route number.

DESCRIPTION SOURCE

Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

FIELD OBJECTID ►

* ALIAS   OBJECTID

* DATA TYPE   OID

* WIDTH   4

* PRECISION   0

* SCALE   0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

FIELD Direction ▶

* ALIAS   Direction

* DATA TYPE   String

* WIDTH   2

* PRECISION   0

* SCALE   0

FIELD DESCRIPTION

Indicates the actual direction of the route.

DESCRIPTION SOURCE

NCDOT GIS

LIST OF VALUES

VALUE   EB

DESCRIPTION   Eastbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   CC

DESCRIPTION   Counterclockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   NB

DESCRIPTION   Northbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   SB

DESCRIPTION   Southbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   CW

DESCRIPTION   Clockwise

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   WB

DESCRIPTION   Westbound

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.


VALUE   BD

DESCRIPTION   Bidirectional

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.


VALUE   OI

DESCRIPTION   Oneway Inventory

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.


VALUE   OO

DESCRIPTION   Oneway Opposite

ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.


*Hide Field Direction* ▲




FIELD AccessControl  ▶

* ALIAS   AccessControl

* DATA TYPE   String

* WIDTH   10

* PRECISION   0

* SCALE   0

FIELD DESCRIPTION

Indicates degree of control of through traffic movements on a route. No data indicates that the section of road has no access control, meaning that traffic moves freely through intersecting roads and driveways.


DESCRIPTION SOURCE

NCDOT


LIST OF VALUES

VALUE   Partial

DESCRIPTION    Road has partial access control. Preference is given to through traffic movement. There may be a mix of interchanges, with at-grade crossings at public roads. There also may be no interchanges, but instead direct, private driveway connections have been minimized through the use of frontage roads or other local access restriction. Control of curb cuts is not access control.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE    NCDOT

VALUE    Full

DESCRIPTION    Road has complete access control. Preference has been given to through traffic movements by providing interchanges with selected roads. No at-grade intersections are allowed.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE    NCDOT

*Hide Field AccessControl ▲*

FIELD SHAPE  ▶

* ALIAS    Shape

* DATA TYPE    Geometry

* WIDTH    0

* PRECISION    0

* SCALE    0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

*Hide Field SHAPE ▲*

FIELD BeginMp  ▶

* ALIAS    BeginMp

* DATA TYPE    Double

* WIDTH    8

* PRECISION    0

* SCALE  0

FIELD DESCRIPTION

Beginning Milepost for Dominant Route.

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Values vary.

*Hide Field BeginMp ▲*

FIELD EndMp ▶

* ALIAS  EndMp

* DATA TYPE  Double

* WIDTH  8

* PRECISION  0

* SCALE  0

FIELD DESCRIPTION

The ending milepost for route at that point on the segment.

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Numbers; six decimals

*Hide Field EndMp ▲*

FIELD SHAPE_Length ▶

* ALIAS  Shape_Length

* DATA TYPE  Double

* WIDTH  8

* PRECISION  0

* SCALE   0

* FIELD DESCRIPTION

    Length of feature in internal units.


* DESCRIPTION SOURCE

    Esri


* DESCRIPTION OF VALUES

    Positive real numbers that are automatically generated.


*Hide Field SHAPE_Length ▲*


*Hide Details for object RoadAccessControl ▲*


*Hide Fields ▲*

## Metadata Details ►

METADATA LANGUAGE   English (UNITED STATES)

METADATA CHARACTER SET   utf8 - 8 bit UCS Transfer Format

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

* LAST UPDATE   2023-08-02

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   2023-07-27   18:25:01
   LAST MODIFIED IN ARCGIS FOR THE ITEM   2023-08-02   17:55:15

   AUTOMATIC UPDATES
      HAVE BEEN PERFORMED   Yes

      LAST UPDATE   2023-08-02   17:48:07


*Hide Metadata Details ▲*

## Metadata Contacts ►

METADATA CONTACT

   ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION   GIS Data and Services Consultant

CONTACT'S ROLE   point of contact

CONTACT INFORMATION   ▶

ADDRESS

TYPE   physical

DELIVERY POINT   4101 Capital Blvd

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE

9:00am - 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

*Hide Contact information* ▲

*Hide Metadata Contacts* ▲

## Metadata Maintenance   ▶

MAINTENANCE

UPDATE FREQUENCY   quarterly

SCOPE OF THE UPDATES   dataset

*Hide Metadata Maintenance* ▲

## Metadata Constraints   ▶

SECURITY CONSTRAINTS

CLASSIFICATION   unclassified

CLASSIFICATION SYSTEM   None

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*Hide Metadata Constraints ▲*

# Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE    JPG

*Hide Thumbnail and Enclosures ▲*