Road Characteristics - Posted Routes, 2nd Quarter 2024 (Revised) - NC Department of Transportation

File Geodatabase Feature Class

Tags

Transportation, SR, Roads, US, State maintained roads, Streets, NC, Interstate, Major Roads, Centerline, Primary, Secondary, Highways, North Carolina, Division, County, Transportation Planning, Location, Posted Routes, Truck Restrictions

Summary

This feature class contains lines representing designated secondary routes in North Carolina where truck traffic with axle weights exceeding 13,000 pounds is prohibited by ordinance. 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

Posted routes in this data set pertain to secondary roads or sections of secondary roads where weight restrictions have been posted by the Department of Transportation (DOT) prohibiting heavy vehicle or equipment traffic-- specifically where trucks with axle weights exceeding 13,000 pounds are prohibited by ordinance. The ordinance number that applies to each road segment is provided in this data set as the PostedRoute attribute. These postings are important for ensuring the safety of drivers, passengers, and pedestrians, as well as preserving the condition of the road and nearby infrastructure. As roads are improved and strengthened, they may be removed from this list.
More information about North Carolina's Posted Roads can be found here:
https://connect.ncdot.gov/resources/Asset-Management/Pages/Posted-Roads.aspx
Detailed information regarding NCDOT ordinances, including truck restrictions, van be found here:
https://connect.ncdot.gov/resources/safety/Pages/Safety-Ordinances.aspx
A Posted and Restricted Roads lookup system can be accessed at this link:
https://apps.ncdot.gov/PRR/RoadSearch.aspx

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

West	-84.226540	**East**	-76.056754
North	36.581589	**South**	33.812334

Scale Range

Maximum (zoomed in)	1:5,000
Minimum (zoomed out)	1:625,000

ArcGIS Metadata ▶

Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE   transportation, location, society

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

PLACE KEYWORDS   North Carolina, Division, County

THESAURUS ▶
TITLE   User
PUBLICATION DATE   2024-07-11   00:00:00

Hide Thesaurus ▲

THEME KEYWORDS   Transportation, SR, Roads, US, State maintained roads, Streets, NC, Interstate, Major Roads, Centerline, Primary, Secondary, Highways, North Carolina, Division, County, Transportation Planning, Location, Posted Routes, Truck Restrictions

THESAURUS ▶
TITLE   User
PUBLICATION DATE   2024-07-11   00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE   Road Characteristics - Posted Routes, 2nd Quarter 2024 (Revised) - NC Department of Transportation
ALTERNATE TITLES   Posted Routes
PUBLICATION DATE   2024-07-11   00:00:00

PRESENTATION FORMATS   digital map
FGDC GEOSPATIAL PRESENTATION FORMAT   vector digital data

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY
  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   Century Center Building B, 1020 Birch Ridge Drive
CITY   Raleigh
ADMINISTRATIVE AREA   NC
POSTAL CODE   27610
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 ▲

RESPONSIBLE PARTY
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   Century Center Building B, 1020 Birch Ridge Drive
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CONTACT'S POSITION   GIS Data and Services Consultant
CONTACT'S ROLE   point of contact

CONTACT INFORMATION   ►
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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
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* PROCESSING ENVIRONMENT   Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

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.

Hide Resource Details ▲

Extents ►

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -84.11613
      EAST LONGITUDE   -75.593013
      SOUTH LATITUDE   33.792692
      NORTH LATITUDE   36.578571
      EXTENT CONTAINS THE RESOURCE   Yes

  VERTICAL EXTENT
    * MINIMUM VALUE   -1.600000
    * MAXIMUM VALUE   4248.800000

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -84.22654
      EAST LONGITUDE   -76.025754
      SOUTH LATITUDE   33.812334
      NORTH LATITUDE   36.581591
      EXTENT CONTAINS THE RESOURCE   Yes

VERTICAL EXTENT
* MINIMUM VALUE -1.600000
* MAXIMUM VALUE 4248.800000

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -84.226540
* EAST LONGITUDE -76.056754
* NORTH LATITUDE 36.581589
* SOUTH LATITUDE 33.812334
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE 463720.270240
* EAST LONGITUDE 2864586.249664
* SOUTH LATITUDE 61840.380112
* NORTH LATITUDE 1030637.856352
* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Points of Contact ▶

POINT OF 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 Century Center Building B, 1020 Birch Ridge Drive
CITY Raleigh
ADMINISTRATIVE AREA NC
POSTAL CODE 27610
COUNTRY US
E-MAIL ADDRESS gishelp@ncdot.gov

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ▶

RESOURCE MAINTENANCE
UPDATE FREQUENCY quarterly

SCOPE OF THE UPDATES dataset

OTHER MAINTENANCE REQUIREMENTS

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.

MAINTENANCE 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   Century Center Building B, 1020 Birch Ridge Drive
     CITY   Raleigh
     ADMINISTRATIVE AREA   NC
     POSTAL CODE   27610
     COUNTRY   US
     E-MAIL ADDRESS   gishelp@ncdot.gov

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   Hide Contact information ▲

Hide Resource Maintenance ▲

Resource Constraints   ▶

LEGAL CONSTRAINTS
  LIMITATIONS OF USE
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SECURITY CONSTRAINTS
  CLASSIFICATION   unclassified
  CLASSIFICATION SYSTEM   None

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  LIMITATIONS OF USE

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Hide Resource Constraints ▲

Spatial Reference ▶

ArcGIS COORDINATE SYSTEM
  * TYPE   Projected
  * GEOGRAPHIC COORDINATE REFERENCE   GCS_North_American_1983
  * PROJECTION   NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet
  * COORDINATE REFERENCE DETAILS
  PROJECTED COORDINATE SYSTEM
    WELL-KNOWN IDENTIFIER   102719
    X ORIGIN   -121841900
    Y ORIGIN   -93659000
    XY SCALE   1893.9393939393938
    Z ORIGIN   -100000
    Z SCALE   9.9999999999999982
    M ORIGIN   -100000
    M SCALE   10000000
    XY TOLERANCE   0.00528
    Z TOLERANCE   0.20000000000000004
    M TOLERANCE   9.9999999999999995e-07
    HIGH PRECISION   true
    LATEST WELL-KNOWN IDENTIFIER   2264
    VCSWKID   105703
    LATESTVCSWKID   6360
    WELL-KNOWN TEXT
    PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988_Foot_US",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]

REFERENCE SYSTEM IDENTIFIER
  VALUE   2264
  * CODESPACE   EPSG
  * VERSION   6.12(9.0.0)

Hide Spatial Reference ▲

Spatial Data Properties ▶

VECTOR ▶
  * LEVEL OF TOPOLOGY FOR THIS DATASET   geometry only

  GEOMETRIC OBJECTS
    FEATURE CLASS NAME   RoadPostedRoute
    * OBJECT TYPE   composite
    * OBJECT COUNT   1035

    Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ▶
  FEATURE CLASS NAME   RoadPostedRoute
  * FEATURE TYPE   Simple
  * GEOMETRY TYPE   Polyline
  * HAS TOPOLOGY   FALSE
  * FEATURE COUNT   1035
  * 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 ▲

DATA QUALITY REPORT - COMPLETENESS COMMISSION   ▶
  MEASURE DESCRIPTION
    Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

  CONFORMANCE TEST RESULTS
    TEST PASSED   Yes
    RESULT EXPLANATION
      Pass.

  PRODUCT SPECIFICATION   ▶
    TITLE   NCDOT Geospatial Data Specifications

    Hide Product specification ▲

Hide Data quality report - Completeness commission ▲

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY   ▶
  MEASURE DESCRIPTION

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

CONFORMANCE TEST RESULTS
  TEST PASSED   Yes
  RESULT EXPLANATION

Pass

PRODUCT SPECIFICATION   ▶
  TITLE   NCDOT Geospatial Data Specifications

Hide Product specification ▲

Hide Data quality report - Conceptual consistency ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY   ▶
  MEASURE DESCRIPTION

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

CONFORMANCE TEST RESULTS
  TEST PASSED   Yes
  RESULT EXPLANATION

Pass.

PRODUCT SPECIFICATION   ▶
  TITLE   NCDOT Geospatial Data Specifications

Hide Product specification ▲

Hide Data quality report - Quantitative attribute accuracy ▲

Hide Data Quality ▲

Lineage ▶

This data set is derived from the NCRouteCharacteristics data and contains all current Posted Routes. This dataset was originally developed by the North Carolina Department of Transportation, Operations Program Management, in conjunction with the GIS Unit at NCDIT-T, to provide a geographic representation of secondary routes where truck traffic with axle weights exceeding 13,000 pounds is prohibited by ordinance 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   Century Center Building B, 1020 Birch Ridge Drive
CITY   Raleigh
ADMINISTRATIVE AREA   NC
POSTAL CODE   27610
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   Century Center Building B, 1020 Birch Ridge Drive
CITY   Raleigh
ADMINISTRATIVE AREA   NC
POSTAL CODE   27610
COUNTRY   US
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Hide Contact information ▲

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
COUNTRY   US
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   Century Center Building B, 1020 Birch Ridge Drive
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POSTAL CODE   27610
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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   user

CONTACT INFORMATION   ▶
ADDRESS
TYPE   physical
DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
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Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT
VERSION   10.8.1
* NAME   File Geodatabase Feature Class

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT RoadPostedRoute ►
* TYPE   Feature Class
* ROW COUNT   1035
DEFINITION
A system of designated secondary routes where truck traffic with axle weights exceeding 13,000 pounds is prohibited by ordinance

DEFINITION SOURCE
North Carolina Department of Transportation

FIELD PostedRoute ►
* ALIAS   PostedRoute
* DATA TYPE   String
* WIDTH   20
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
A system of designated secondary routes where truck traffic with axle weights exceeding 13,000 pounds is prohibited by ordinance.

DESCRIPTION SOURCE
Federal Highway Administration/NCDOT GIS

DESCRIPTION OF VALUES
The ordinance number that pertains to the route segment. A hyphenated internal NCDOT ordinance number comprised of a two-digit truncation of the year the ordinance was enacted followed by a three-digit unique ID. Any value present indicates that the segment is part of the Posted Route system.

Hide Field PostedRoute ▲

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
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Route Qualifier Codes

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

VALUE   7
DESCRIPTION   Spur/Connector Route
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 Route
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
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
    NCDOT GIS

  LIST OF VALUES
    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

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.

Hide Field RouteId ▲

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

Hide Field RouteNumber ▲

FIELD OBJECTID ►
 * ALIAS   OBJECTID
 * DATA TYPE   OID
 * WIDTH   4
 * PRECISION   0
 * SCALE   0
 FIELD DESCRIPTION
   Internal feature number.

 DESCRIPTION SOURCE
   Esri

 DESCRIPTION OF VALUES
   Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD 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 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
Numbers; six decimals.

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 GIS

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 RoadPostedRoute ▲

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   2024-07-01

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   2024-07-01   12:34:34
LAST MODIFIED IN ArcGIS FOR THE ITEM   2024-07-01   15:11:45

AUTOMATIC UPDATES
   HAVE BEEN PERFORMED   Yes
   LAST UPDATE   2024-07-01   15:11:45

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   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC
      POSTAL CODE   27610
      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

MAINTENANCE 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   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC

POSTAL CODE 27610
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Hide Contact information ▲

Hide Metadata Maintenance ▲

Metadata Constraints ▶

SECURITY CONSTRAINTS
CLASSIFICATION unclassified
CLASSIFICATION SYSTEM None

LIMITATIONS OF USE
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.

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Hide Metadata Constraints ▲