Road Characteristics - Unpaved Road, 2024 End of Year - NC Department of Transportation

File Geodatabase Feature Class

Tags

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

Summary

This feature class contains lines representing roads designated as unpaved in NCDOT state-maintained routes. 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 data set represents unpaved roads that are part of the state-maintained system of routes in North Carolina. The dataset includes all routes designated as unpaved.

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.

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Extent

West	-84.403726	**East**	-75.419086
North	36.610672	**South**	33.760985

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   2025-02-17   00:00:00

      Hide Thesaurus ▲

THEME KEYWORDS   SR, Roads, US, State maintained roads, Streets, NC, Interstate, Major Roads, Centerline, Primary, Secondary, Highways, North Carolina, Division, County, Unpaved

   THESAURUS   ▶
   TITLE   User
   PUBLICATION DATE   2025-02-17   00:00:00

      Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE   Road Characteristics - Unpaved Road, 2024 End of Year - NC Department of Transportation
ALTERNATE TITLES   Unpaved Roads
PUBLICATION DATE   2025-02-17   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
CITY   Raleigh
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CONTACT'S POSITION   GIS Data and Services Consultant
CONTACT'S ROLE   point of contact

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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.

Extents ▶

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -84.11613
      EAST LONGITUDE   -75.593013
      SOUTH LATITUDE   33.792692
      NORTH LATITUDE   36.578571

  VERTICAL EXTENT
    * MINIMUM VALUE   -1.800000
    * MAXIMUM VALUE   4618.900000

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -84.403736
      EAST LONGITUDE   -75.419086
      SOUTH LATITUDE   33.760985
      NORTH LATITUDE   36.610673
      EXTENT CONTAINS THE RESOURCE   Yes

  VERTICAL EXTENT
    * MINIMUM VALUE   -1.800000
    * MAXIMUM VALUE   4618.900000

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      EXTENT TYPE   Extent used for searching
      * WEST LONGITUDE   -84.403726
      * EAST LONGITUDE   -75.419086
      * NORTH LATITUDE   36.610672
      * SOUTH LATITUDE   33.760985
      * EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
  * WEST LONGITUDE   412114.041280
  * EAST LONGITUDE   3051669.000112
  * SOUTH LATITUDE   45801.240160
  * NORTH LATITUDE   1041227.687824

* 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

Hours of service
9:00am - 5:00pm Monday - Friday

Contact instructions
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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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CONSTRAINTS
LIMITATIONS OF USE

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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_19
  83",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM[
  "Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],P
  ARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Cen
  tral_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]],V
  ERTCS["NAVD_1988_Foot_US",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertic
  al_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)

Spatial Data Properties ▶

VECTOR   ▶
* **LEVEL OF TOPOLOGY FOR THIS DATASET**   geometry only

GEOMETRIC OBJECTS
  FEATURE CLASS NAME   RoadUnpaved
* **OBJECT TYPE**   composite
* **OBJECT COUNT**   6393

ARCGIS FEATURE CLASS PROPERTIES   ▶
  FEATURE CLASS NAME   RoadUnpaved
* **FEATURE TYPE**   Simple
* **GEOMETRY TYPE**   Polyline

* HAS TOPOLOGY   FALSE
   * FEATURE COUNT   6393
   * 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
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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 ▶

LINEAGE STATEMENT
This data set is derived from the NCRouteCharacteristics data and contains roads designated as unpaved in NCDOT state-maintained routes.

PROCESS STEP   ▶
DESCRIPTION
Data compiled, metadata updated and dataset prepped for publication.

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
    CITY Raleigh
    ADMINISTRATIVE AREA NC
    POSTAL CODE 27610
    COUNTRY US
    E-MAIL ADDRESS gishelp@ncdot.gov

  HOURS OF SERVICE
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  immediate need, indicate as such in the subject line in an email.

    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 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 Distributor ▲

DISTRIBUTION FORMAT
  VERSION 10.8.1
  *NAME File Geodatabase Feature Class

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT RoadUnpaved ▶
* TYPE   Feature Class
* ROW COUNT   6393
DEFINITION
    Road segments that are unpaved

DEFINITION SOURCE
    North Carolina Department of Transportation

FIELD SrfcType ▶
* ALIAS   SrfcType
* DATA TYPE   String
* WIDTH   10
* PRECISION   0
* SCALE   0
FIELD DESCRIPTION
    The surface type of the segment

DESCRIPTION SOURCE
    Federal Highway Administration/NCDOT GIS

LIST OF VALUES
  VALUE   Unpaved
  DESCRIPTION   Unpaved road segments.
  ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Surface Type Code

Hide Field SrfcType ▲

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 017
DESCRIPTION Caswell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 067

DESCRIPTION Onslow
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 010
DESCRIPTION Brunswick
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 020
DESCRIPTION Cherokee
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 002
DESCRIPTION Alexander
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 060
DESCRIPTION Mecklenburg
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 036
DESCRIPTION Gaston
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 051
DESCRIPTION Johnston
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 098
DESCRIPTION Wilson
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 075
DESCRIPTION Polk
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 045
DESCRIPTION Henderson
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 086
DESCRIPTION Surry
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE   026
DESCRIPTION   Cumberland
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   056
DESCRIPTION   Macon
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   094
DESCRIPTION   Washington
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   038
DESCRIPTION   Graham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   065
DESCRIPTION   New Hanover
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   033
DESCRIPTION   Edgecombe
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   052
DESCRIPTION   Jones
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   097
DESCRIPTION   Wilkes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   034
DESCRIPTION   Forsyth
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 095
DESCRIPTION Watauga
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 063
DESCRIPTION Moore
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 037
DESCRIPTION Gates
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 062
DESCRIPTION Montgomery
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 072
DESCRIPTION Perquimans
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 019
DESCRIPTION Chatham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 088
DESCRIPTION Transylvania
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 089
DESCRIPTION Tyrrell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 087
DESCRIPTION Swain
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 079
DESCRIPTION Rockingham
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 100
DESCRIPTION Yancey
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 039
DESCRIPTION Granville
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 007
DESCRIPTION Beaufort
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 076
DESCRIPTION Randolph
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 099
DESCRIPTION Yadkin
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 027
DESCRIPTION Currituck
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 064
DESCRIPTION Nash
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 014
DESCRIPTION Caldwell
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 061
DESCRIPTION Mitchell
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 077
DESCRIPTION Richmond
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 018
DESCRIPTION Catawba
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 069
DESCRIPTION Pamlico
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 025
DESCRIPTION Craven
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 022
DESCRIPTION Clay
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 082
DESCRIPTION Sampson
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 008
DESCRIPTION Bertie
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 070
DESCRIPTION Pasquotank
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 023
DESCRIPTION Cleveland
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 092
DESCRIPTION Wake
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 016
DESCRIPTION Carteret
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 090
DESCRIPTION Union
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE 013
DESCRIPTION Cabarrus
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Sap County Code

VALUE   003
DESCRIPTION   Alleghany
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   001
DESCRIPTION   Alamance
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   057
DESCRIPTION   Madison
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   093
DESCRIPTION   Warren
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   030
DESCRIPTION   Davie
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   054
DESCRIPTION   Lenoir
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   011

DESCRIPTION   Buncombe
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   048
DESCRIPTION   Hyde
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Sap County Code

VALUE   096
DESCRIPTION   Wayne
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 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 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 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.

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 WB
DESCRIPTION Westbound
ENUMERATED DOMAIN VALUE DEFINITION SOURCE Valid Direction values.

VALUE BD
DESCRIPTION Bidirectional
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 EB

DESCRIPTION   Eastbound
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   OI
DESCRIPTION   Oneway Inventory
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   Valid Direction values.

VALUE   CW
DESCRIPTION   Clockwise
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 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 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 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 RoadUnpaved ▲

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   2025-01-30

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   2024-08-01   09:56:59
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2025-01-30   15:24:20

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED   Yes
    LAST UPDATE   2025-01-30   15:24:20

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   ▶
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      TYPE   physical
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    Hide Contact information ▲

  Hide Metadata Maintenance ▲

Metadata Constraints ▶

SECURITY CONSTRAINTS
  CLASSIFICATION   unclassified
  CLASSIFICATION SYSTEM   None

LIMITATIONS OF USE
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Hide Metadata Constraints ▲