

Road Characteristics - Bare Pavement, 1st Quarter 2026 - NC Department of Transportation

Geodatabase Feature Class



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

Summary

This feature class contains lines representing North Carolina state-maintained highways designated as Bare Pavement Routes. These priority routes are the first to be cleared and/or chemically treated in the event of winter weather conditions. 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 provides state maintained highways in North Carolina designated as priority routes in terms of clearance and/or chemical treatment in the event of winter weather conditions. These routes in the Bare Pavement System generally consist of all Interstate and four-lane divided primary routes and other primary and secondary routes considered to be essential to the fulfillment of the overall objectives of snow and ice removal facilitating the movement of intrastate traffic. The routes included in the Bare Pavement System are reviewed annually by the NCDOT Division engineer and routes are added or deleted as necessary. Upon completion of review, the engineer submits the data set to the State Road Maintenance Unit where continuity of bare pavement routes from Division to Division is ensured.

The Bare Pavement Policy provides for the direct application of deicing chemicals to those routes included in the Bare Pavement System. This policy also requires that these routes will be the first cleared of snow and ice following a storm. Insofar as is possible and practical, traffic will be kept moving on these routes during a storm; however, it is not the policy to maintain a "bare pavement" throughout the course of all storms. Those routes not on the Bare Pavement System will be cleared by plowing operations and without direct application of deicing chemicals except in cases of extreme emergency. These emergencies will normally be limited to specific locations (shaded areas on hills, super-elevated curves, etc.) where extremely hazardous conditions exist.

It is the policy of the Division of Highways that the application of chlorides to the travel ways of the system shall be consistent with NCDOT's objectives to protect the environment. The recommended application rates are considered to be correct and proper for the various weather and highway conditions indicated and heavier applications are discouraged. The Highway Maintenance Engineer should identify environmentally sensitive areas within their individual areas of responsibility that may require alternative application rates and devise special instructions for snow and ice removal techniques for roads adjacent to these locations.

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 -84.414684

East -75.424034

North 36.603183

South 33.763411

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

Topics and Keywords

Themes or categories of the resource Transportation, Location, Society

Content type Downloadable Data

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

Thesaurus

Title User

Publication date 2026-05-04 00:00:00

Place keywords North Carolina, Division, County

Thesaurus

Title User

Publication date 2026-05-04 00:00:00

Citation

Title Road Characteristics - Bare Pavement, 1st Quarter 2026 - NC Department of Transportation

Alternate titles Bare Pavement Routes

Publication date 2026-05-04 00:00:00

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - originator

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

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.

Responsible party - resource provider

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

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Responsible party - point of contact

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

Contact information

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City Raleigh
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Postal code 27610
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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

Extent contains the resource Yes

Vertical extent

Minimum value -4.800000

Maximum value 5514.600000

Extent

Geographic extent

Bounding rectangle

West longitude -84.414684

East longitude -75.423594

South latitude 33.763411

North latitude 36.603183

Extent contains the resource Yes

Vertical extent

Minimum value -4.800000

Maximum value 5514.600000

Extent

Geographic extent

Bounding rectangle

Extent type Extent used for searching

West longitude -84.414684

East longitude -75.424034

North latitude 36.603183

South latitude 33.763411

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 408738.910048

eastBL 3050312.749744

southBL 46863.376048

northBL 1038500.819680

exTypeCode Yes

Resource Points of Contact

Point 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 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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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 - point of contact

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

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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Resource Constraints

Legal constraints

Limitations of use

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Security constraints

Classification unclassified

Classification system None

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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

ProjectedCoordinateSystem

WKID 102719

XOrigin -121841900

YOrigin -93659000

XYScale 1893.9393939393938

ZOrigin -100000

ZScale 9.999999999999982

MOrigin -100000

MScale 10000000

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

Data quality report - Conceptual consistency

Data quality measure reference

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

Data quality report - Quantitative attribute accuracy

Data quality measure reference

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

Lineage

Lineage statement

This data set is derived from the NCRouteCharacteristics data and contains Bare Pavement 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 the Bare Pavement Routes 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 - originator

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

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.

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 - resource provider

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

Contact information

Address

Type physical

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Administrative area NC

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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 - processor

Organization's name North Carolina Department of Transportation, Division of Planning and Programming

Contact's position Staff Engineer

Contact information

Phone

Voice 919-707-4630

Address

Type physical

Delivery point 1 South Wilmington Street, Room 105

City Raleigh

Administrative area NC

Postal code 27601

Country US

e-mail address rlotfi@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.

Process step

Description

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

Process contact - originator

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

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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Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

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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need, indicate as such in the subject line in an email.

Distribution format

Version 10.8.1

Name File Geodatabase Feature Class

Fields

Details for object RoadBarePvmnt

Type Feature Class

Row count 3926

Definition

Bare Pavement System containing NC routes considered priority to be cleared and/or chemically treated in the event of winter weather conditions.

Definition source

North Carolina Department of Transportation

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.

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 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

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

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 Value 032	Valid Sap County Code
Description Durham	
Enumerated domain value definition source Value 006	Valid Sap County Code
Description Avery	
Enumerated domain value definition source Value 004	Valid Sap County Code
Description Anson	
Enumerated domain value definition source Value 090	Valid Sap County Code
Description Union	
Enumerated domain value definition source Value 061	Valid Sap County Code
Description Mitchell	
Enumerated domain value definition source Value 009	Valid Sap County Code
Description Bladen	
Enumerated domain value definition source Value 066	Valid Sap County Code
Description Northampton	
Enumerated domain value definition source Value 003	Valid Sap County Code
Description Alleghany	
Enumerated domain value definition source Value 092	Valid Sap County Code
Description Wake	
Enumerated domain value definition source Value 047	Valid Sap County Code
Description Hoke	
Enumerated domain value definition source Value 031	Valid Sap County Code
Description Duplin	
Enumerated domain value definition source Value 081	Valid Sap County Code
Description Rutherford	
Enumerated domain value definition source Value 023	Valid Sap County Code
Description Cleveland	
Enumerated domain value definition source Value 065	Valid Sap County Code
Description New Hanover	
Enumerated domain value definition source Value 094	Valid Sap County Code
Description Washington	
Enumerated domain value definition source Value 096	Valid Sap County Code

Description	Wayne	
Enumerated domain value definition source		Valid Sap County Code
Value	052	
Description	Jones	
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 Value 068	Valid Sap County Code
Description Orange	
Enumerated domain value definition source Value 045	Valid Sap County Code
Description Henderson	
Enumerated domain value definition source Value 036	Valid Sap County Code
Description Gaston	
Enumerated domain value definition source Value 071	Valid Sap County Code
Description Pender	
Enumerated domain value definition source Value 083	Valid Sap County Code
Description Scotland	
Enumerated domain value definition source Value 042	Valid Sap County Code
Description Halifax	
Enumerated domain value definition source Value 077	Valid Sap County Code
Description Richmond	
Enumerated domain value definition source Value 085	Valid Sap County Code
Description Stokes	
Enumerated domain value definition source Value 044	Valid Sap County Code
Description Haywood	
Enumerated domain value definition source Value 050	Valid Sap County Code
Description Jackson	
Enumerated domain value definition source Value 035	Valid Sap County Code
Description Franklin	
Enumerated domain value definition source Value 076	Valid Sap County Code
Description Randolph	
Enumerated domain value definition source Value 082	Valid Sap County Code
Description Sampson	
Enumerated domain value definition source Value 070	Valid Sap County Code
Description Pasquotank	
Enumerated domain value definition source Value 022	Valid Sap County Code
Description Clay	
Enumerated domain value definition source Value 087	Valid Sap County Code

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

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

Field RouteNumber

Alias RouteNumber

Data type String

Width 5

Precision 0

Scale 0

Field description

Route number for dominant route.

Description source

Federal Highway Administration/NCDOT GIS

Description of values

Positive real numbers that are manually generated

Field BarePvmtRoute

Alias BarePvmtRoute

Data type String

Width 5

Precision 0

Scale 0

Field description

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

Description source

NCDOT GIS

List of values

Value Y

Description Segment is part of the Bare Pavement System

Enumerated domain value definition source NCDOT

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 RoutelId

Alias RoutelId

Data type String

Width 15

Precision 0

Scale 0

Field description

Route Identifier for Dominant Route. the 11 digit composite route number.

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 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.

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.

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.

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 2026-04-16

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 2026-04-15 10:56:24

Last modified in ArcGIS for the item 2026-04-16 10:12:13

Automatic updates

Have been performed Yes

Last update 2026-04-16 10:11:53

Metadata Contacts

Metadata 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 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.

Metadata Maintenance

Maintenance

Update frequency quarterly

Scope of the updates dataset

Metadata Constraints

Security constraints

Classification unclassified

Classification system None

Limitations of use

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file