

Road Characteristics - Bare Pavement, 2nd 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 -84.414671

East -75.424034

North 36.603183

South 33.763412

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 2026-08-03 00:00:00

Place keywords North Carolina, Division, County

Thesaurus

Title User

Publication date 2026-08-03 00:00:00

Citation

Title Road Characteristics - Bare Pavement, 2nd Quarter 2026 - NC Department of Transportation

Alternate titles Bare Pavement Routes

Publication date 2026-08-03 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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Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

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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.

ArcGIS item properties

Name RoadBarePvmnt

Location file://\DOT\DFSROOT01\GROUPS-GISCC\GIS-

SpatialDataMgmt\Maintenance\QuarterlyDataRefresh\Route\2026Q2\Review\Supplemental.gdb

Access protocol Local Area Network

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 -84.414671
East longitude -75.424034
North latitude 36.603183
South latitude 33.763412
Extent contains the resource Yes

Extent in the item's coordinate system

westBL 408742.510480
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

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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

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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 9.9999999999999982
MOrigin -100000
MScale 10000000
XYTolerance 0.00528
ZTolerance 0.20000000000000004
MTolerance 9.999999999999995e-07
HighPrecision true
LatestWKID 2264
VCSWKID 105703
LatestVCSWKID 6360
WKT

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["NAD_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)

Spatial Data Properties

Vector

Level of topology for this dataset geometry only

Geometric objects

Feature class name RoadBarePvmnt
Object type composite
Object count 3942

ArcGIS Feature Class Properties

Feature class name RoadBarePvmnt
Feature type Simple
Geometry type Polyline
Has topology FALSE
Feature count 3942
Spatial index TRUE
Linear referencing TRUE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Completeness commission

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 - 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

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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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

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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

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.

Distribution format

Version 10.8.1

Name File Geodatabase Feature Class

Fields

Details for object RoadBarePvmnt

Type Feature Class

Row count 3942

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 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 096
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 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

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 Routeld

Alias Routeld

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 2026-07-21

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 2026-07-14 10:11:47

Last modified in ArcGIS for the item 2026-07-21 15:05:04

Automatic updates

Have been performed Yes

Last update 2026-07-21 15:04:43

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