Strategic Highway Network (NonInterstate), North Carolina Department of Transportation, Prioritization 7.0, July 2023

File Geodatabase Feature Class



Tags

Strategic Highway Network, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT), Transportation.

Summary

The feature class is North Carolina's portion of the national Strategic Highway Network (STRAHNET) which satisfies North Carolina's portion of the Department of Defense's (DOD) public highway needs, excluding interstates.

Description

The Strategic Highway Network (STRAHNET) is defined by the Federal Highway Administration as "a network of highways which are important to the United States' strategic defense policy and which provide defense access, continuity and emergency capabilities for defense purposes". This feature class is North Carolina's portion of the national STRAHNET, excluding interstates. It includes connectors. Major Strategic Highway Network Connectors are defined by the Federal Highway Administration as "highways which provide access between major military installations and highways which are part of the Strategic Highway Network."

For the purposes of the Strategic Planning Office of Transportation Prioritization (SPOT) 7.0 project, data is not updated after March 2023.

NonInterstate_STRAHNet is not being used for scoring for Prioritization 7.0. It is included in the application for reference only.

For further information about domains and fields used in SPOT see the SPOT P7 Domains document here:

https://xfer.services.ncdot.gov/gisdot/metadata/spot/NCDOT%20SPOT%20Prioritization%207%20Online%20Domain%20Reference.pdf

Credits

North Carolina Department of Transportation GIS Unit

Use limitations

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Extent

```
West -84.412529 East -76.654588
North 36.571253 South 33.780370
Scale Range
```

Maximum (zoomed in) 1:5,000 **Minimum (zoomed out)** 1:150,000,000

ArcGIS Metadata ▶

Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS North Carolina

THESAURUS TITLE User

PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Strategic Highway Network, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT), Transportation.

THESAURUS ►
TITLE User
PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE Strategic Highway Network (NonInterstate), North Carolina Department of Transportation, Prioritization 7.0, July 2023

PUBLICATION DATE 2023-07-17 00:00:00

PRESENTATION FORMATS * digital map

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE resource provider

CONTACT INFORMATION

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         ADMINISTRATIVE AREA NC
         POSTAL CODE 27610
         COUNTRY US
         E-MAIL ADDRESS spot@ncdot.gov
       Hours of Service
         8am-5pm, M-F
        CONTACT INSTRUCTIONS
         Phone or email
        Hide Contact information ▲
   RESPONSIBLE PARTY
     ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit
     CONTACT'S POSITION GIS Help Desk
     CONTACT'S ROLE originator
      CONTACT INFORMATION >
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         VOICE 919.707.2165
         FAX 919.707.2210
        ADDRESS
         Type postal
         DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive
         CITY Raleigh
         ADMINISTRATIVE AREA NC
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         E-MAIL ADDRESS gishelp@ncdot.gov
       Hours of Service
         8am-5pm, M-F
        CONTACT INSTRUCTIONS
         Phone or email
        Hide Contact information ▲
   Hide Citation Contacts ▲
Resource Details ▶
   DATASET LANGUAGES * English (UNITED STATES)
   Spatial representation type * vector
```

CREDITS

North Carolina Department of Transportation GIS Unit

* Processing environment Version 6.2 (Build 9200); Esri ArcGIS 10.8.1.14362

Extents ▶

EXTENT TEMPORAL EXTENT DATE AND TIME 2023-07-17 00:00:00 VERTICAL EXTENT * MINIMUM VALUE -3.100000 * MAXIMUM VALUE 3341.900000 EXTENT **GEOGRAPHIC EXTENT BOUNDING RECTANGLE** EXTENT TYPE Extent used for searching * WEST LONGITUDE -84.412529 * EAST LONGITUDE -76.654588 * NORTH LATITUDE 36.571253 * SOUTH LATITUDE 33.780370 * EXTENT CONTAINS THE RESOURCE Yes EXTENT IN THE ITEM'S COORDINATE SYSTEM * WEST LONGITUDE 408738.910048 * EAST LONGITUDE 2688986.126944 * SOUTH LATITUDE 53044.609744 * NORTH LATITUDE 1026874.370032

Hide Extents ▲

Resource Points of Contact ▶

* EXTENT CONTAINS THE RESOURCE Yes

POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit Contact's Position GIS Help Desk Contact's Role originator

CONTACT INFORMATION PHONE VOICE 919.707.2165 FAX 919.707.2210

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TYPE postal

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COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

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CONTACT INSTRUCTIONS

Phone or email

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Resource Maintenance ▶

RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

SCOPE OF THE UPDATES dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE point of contact

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Resource Constraints >

CONSTRAINTS

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified CLASSIFICATION SYSTEM none

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Hide Resource Constraints ▲

Spatial Reference ▶

ARCGIS COORDINATE SYSTEM

- * Type Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

Well-known identifier 102719

X ORIGIN -121841900 Y ORIGIN -93659000

XY SCALE 18939.39393939394

Z ORIGIN -100000

Z SCALE 9.99999999999982

M ORIGIN -100000 M SCALE 10000000

XY TOLERANCE 0.00052800000000000004
Z TOLERANCE 0.2000000000000004
M TOLERANCE 9.99999999999995e-08

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

VCSWKID 105703 LATESTVCSWKID 6360

WELL-KNOWN TEXT

PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],P

ARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central Meridian",-

REFERENCE SYSTEM IDENTIFIER

- * VALUE 2264
- * CODESPACE EPSG
- * VERSION 6.12(9.0.0)

Hide Spatial Reference

Spatial Data Properties ▶



* OBJECT COUNT 95

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME NonInterstate_STRAHNet

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 95
- * 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 - CONCEPTUAL CONSISTENCY

MEASURE DESCRIPTION

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. Quality checks were performed by the Strategic Prioritization Office of Transportation (SPOT) and the North Carolina Department of Transportation Geographic Information Systems Unit and errors were accepted as within business range or identified as exceptions.

CONFORMANCE TEST RESULTS
TEST PASSED Yes
RESULT EXPLANATION
Pass

PRODUCT SPECIFICATION

TITLE NCDOT Geospatial Data Specifications Publication Date 2023-07-17 00:00:00

Hide Product specification ▲

Hide Data quality report - Conceptual consistency

Hide Data Quality A

Lineage ▶

LINEAGE STATEMENT

This feature class is North Carolina's portion of the national STRAHNET, excluding interstates. The data were further manipulated by the North Carolina Department of Transportation Geographic Information Systems Unit and/or the North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT) to produce the required data for Prioritization 7.0.

PROCESS STEP DESCRIPTION

The Strategic Highway Network (STRAHNET) is defined by the Federal Highway Administration as "a network of highways which are important to the United States' strategic defense policy and which provide defense access, continuity and emergency capabilities for defense purposes". The North Carolina Department of Transportation Geographic Information Systems Unit placed the data into ArcGIS 10.3 to process and the desired product for the Strategic Prioritization Office of Transportation (SPOT).

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact's role processor

CONTACT S ROLE PLOCESSOI

CONTACT INFORMATION PHONE

VOICE 919.707.4742

ADDRESS

Type postal

DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

CITY Raleigh

ADMINISTRATIVE AREA NC

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COUNTRY US

E-MAIL ADDRESS spot@ncdot.gov

Hours of Service

8am-5pm, M-F

CONTACT INSTRUCTIONS Phone or email Hide Contact information ▲ Hide Process step ▲ PROCESS STEP DESCRIPTION Metadata is updated for publication PROCESS CONTACT ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT) CONTACT'S ROLE processor CONTACT INFORMATION > **PHONE** VOICE 919.707.4742 ADDRESS Type postal DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive CITY Raleigh ADMINISTRATIVE AREA NC POSTAL CODE 27610 COUNTRY US E-MAIL ADDRESS spot@ncdot.gov Hours of Service 8am-5pm, M-F **CONTACT INSTRUCTIONS** Phone or email Hide Contact information ▲ Hide Process step ▲ Hide Lineage ▲ **Distribution** ▶ DISTRIBUTOR > CONTACT INFORMATION ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT INFORMATION PHONE
VOICE 919.707.2165

CONTACT'S POSITION GIS Help Desk CONTACT'S ROLE distributor

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FAX 919.707.2210
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POSTAL CODE 27610

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8am-5pm, M-F

CONTACT INSTRUCTIONS

Phone or email

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Hide Distributor

DISTRIBUTION FORMAT

VERSION ArcGIS 10.3

* NAME File Geodatabase Feature Class

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT NonInterstate_STRAHNet ▶

- * TYPE Feature Class
- * Row count 95

DEFINITION

North Carolina's portion of the Department of Defense's public highway needs, excluding interstates.

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 SHN_TYP_CD ▶

- * ALIAS SHN_TYP_CD
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Number representing the military's Strategic Highway Network; Regular STRAHNET and Connector

DESCRIPTION SOURCE

P7 Valid Code Source

DESCRIPTION OF VALUES

No domain

Hide Field SHN_TYP_CD ▲

FIELD Rte_Id ▶

- * ALIAS Rte_Id
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route ID

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

Hide Field Rte_Id ▲

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 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 ▲

FIELD BegMp1 ▶

- * ALIAS BegMp1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The beginning milepost for route at that point on the segment

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

No domain

Hide Field BegMp1 ▲

FIELD EndMp1 ▶

- * ALIAS EndMp1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The end milepost for route at that point on the segment

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

No domain

FIELD Shape Leng ▶ * ALIAS Shape_Leng * DATA TYPE Double * WIDTH 8 * PRECISION 0 * SCALE 0 FIELD DESCRIPTION Length of feature in internal units. **DESCRIPTION SOURCE ESRI DESCRIPTION OF VALUES** No domain Hide Field Shape_Leng ▲ Hide Details for object NonInterstate_STRAHNet ▲ Hide Fields ▲

Metadata Details ▶

```
* METADATA LANGUAGE English (UNITED STATES)
```

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2024-02-26

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2023-12-06 09:10:04 LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-02-26 16:59:09

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2024-02-26 16:59:09

Hide Metadata Details A

Metadata Contacts ▶

METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE point of contact

CONTACT INFORMATION

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PHONE
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VOICE 919.707.4742

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CONTACT INSTRUCTIONS

Phone or email

Hide Contact information ▲

Hide Metadata Contacts A

Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY annually

SCOPE OF THE UPDATES dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit Contact's Position GIS Help Desk

CONTACT'S ROLE originator

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Metadata Constraints ▶

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SECURITY CONSTRAINTS
CLASSIFICATION unclassified
CLASSIFICATION SYSTEM none

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Hide Metadata Constraints