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

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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On!ine, the user hereby acknowledges this statement.

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

Topics and Keywords

Themes or categories of the resource Transportation

Content type Downloadable Data

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

Place keywords North Carolina

Thesaurus
Title User
Publication date 2023-07-17   00:00:00

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

Citation Contacts

Responsible party - resource provider
Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

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

Responsible party - originator
Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit
Contact's position   GIS Help Desk

Contact information
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Type   postal
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Contact instructions
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Resource Details

Dataset languages   English (UNITED STATES)

Spatial representation type   vector

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

Credits
North Carolina Department of Transportation GIS Unit

ArcGIS item properties
Name   NonInterstate_STRAHNet

Location   file://\\DOT\DFSROOT01\GROUPS-GISCC\GIS-
SpatialDataMgmt\Metadata\Spot\BackupSchemaProd20231218\P7_Data.gdb
Access protocol   Local Area Network

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
westBL   408738.910048
eastBL   2688986.126944
southBL   53044.609744
northBL   1026874.370032
exTypeCode   Yes

Resource Points of Contact

Point of contact - originator
Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit
Contact's position   GIS Help Desk

Contact information
Phone
Voice   919.707.2165
Fax   919.707.2210
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e-mail address   gishelp@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Resource Maintenance

Resource maintenance

Update frequency   annually

Scope of the updates   dataset

Maintenance contact - point of contact

Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit

Contact's position   GIS Help Desk

Contact information

Phone

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e-mail address   gishelp@ncdot.gov

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Contact instructions

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Resource Constraints

Constraints

Limitations of use

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Legal constraints
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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   18939.39393939394
ZOrigin   -100000

ZScale   9.999999999999982

MOrigin   -100000

MScale   100000000

XYTolerance   0.0005280000000000004

ZTolerance   0.20000000000000004

MTolerance   9.999999999999995e-08

HighPrecision   true

LatestWKID   2264

VCSWKID   105703

LatestVCSWKID   6360

WKT

PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",D
ATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwic
h",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["Fals
e_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-
79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.1666
6666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192]],VERTCS["N
AVD_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   NonInterstate_STRAHNet

Object type   composite

Object count   95

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

Data Quality

Scope of quality information

Resource level   dataset

Data quality report - Conceptual consistency
Data quality measure reference
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

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 - processor
Organization's name   North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

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

Process step
Description
Metadata is updated for publication

Process contact - processor
Organization's name   North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

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Distribution
Distributor
Contact information - distributor
Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit
Contact's position   GIS Help Desk

Contact information
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Contact instructions
Phone or email

Distribution format
Version   ArcGIS 10.3
Name   File Geodatabase Feature Class

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

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

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.

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

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

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

Metadata Contacts

Metadata contact - point of contact
Organization's name   North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

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Country   US
e-mail address   spot@ncdot.gov
Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Metadata Maintenance

Maintenance

Update frequency   annually

Scope of the updates   dataset

Maintenance contact - originator

Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit

Contact's position   GIS Help Desk

Contact information
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Voice   919.707.2165
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Address

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Metadata Constraints

Constraints
Limitations of use

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Security constraints
Classification   unclassified
Classification system   none

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Thumbnail and Enclosures

Thumbnail
Thumbnail type
Image file