

North Carolina State Boundary, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



Tags Transportation, North Carolina, State Boundary, Prioritization 7.0 (P7), North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT).

Summary

The purpose of this layer is to display the state boundary of the North Carolina.

Description

The North Carolina state boundary data set provides best available location information for planning facilitation. The N.C. Department of Transportation Division Boundaries layer was modified using the dissolve geoprocessing tool to create the state boundary layer.

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

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 Geodetic Survey, North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT).

Use limitations

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Extent

West -84.422109
East -75.416032

North 36.617254

South 33.730554

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

Topics and Keywords

Themes or categories of the resource Planning & Cadastral, Boundaries

Content type Downloadable Data

Theme keywords Transportation, North Carolina, State Boundary, Prioritization 7.0 (P7), North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT).

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

Other keywords County Boundary, North Carolina, State Boundary

Citation

Title North Carolina State Boundary, 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 - originator

Organization's name The 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 - resource provider

Organization's name The 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

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 gishelp@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Spatial representation type vector

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

Credits

North Carolina Geodetic Survey, North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT).

ArcGIS item properties

Name StateBoundary

Size 0.000

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

SpatialDataMgmt\Metadata\Spot\BackupSchemaProd20231218\P7_Data.gdb

Access protocol Local Area Network

Extents

Extent

Geographic extent

Bounding rectangle

West longitude -84.422111

East longitude -75.416034

South latitude 33.730557

North latitude 36.617257

Extent contains the resource Yes

Temporal extent

Date and time 2023-07-17 00:00:00

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -84.422109

East longitude -75.416032

North latitude 36.617254

South latitude 33.730554

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 406832.628358

eastBL 3052480.022092

southBL 34987.950232

northBL 1043624.415895

exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

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

Contact information

Phone

Voice 919.707.4742

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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

Resource Maintenance

Resource maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - point of contact

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

Contact's position GIS Help Desk

Contact information

Phone

Voice 919.707.2165

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Contact instructions

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Resource Constraints

Constraints

Limitations of use

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used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT Online application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT Online project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT Online, the user hereby acknowledges this statement.

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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 3048.0060960121918

ZOrigin 0
ZScale 1
MOrigin 0
MScale 1
XYTolerance 0.00328083333333333331
ZTolerance 0.001
MTolerance 0.001
HighPrecision true
LatestWKID 2264
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],AUTHORITY["EPSG",2264]]

Reference system identifier

Value 0
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 StateBoundary
Object type composite
Object count 1

ArcGIS Feature Class Properties

Feature class name StateBoundary
Feature type Simple
Geometry type Polygon
Has topology FALSE
Feature count 1
Spatial index TRUE
Linear referencing FALSE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Conceptual consistency

Conformance test results

Test passed Yes

Result explanation

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.

Product specification

Title NCDOT Geospatial Data Specifications

Publication date 2023-07-17 00:00:00

Lineage

Lineage statement

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

Original map provided by North Carolina Division of Transportation.

Process contact - point of contact

Individual's name The North Carolina Department of Transportation

Organization's name Geographic Information Systems Unit

Contact's position GIS Help Desk

Process step

Description

Metadata is updated for publication

Process contact - processor

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

Contact's position GIS Help Desk

Contact information

Phone

Voice 919.707.2165

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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 gishelp@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Source data

Description

North Carolina Division of Transportation

Distribution

Distributor

Contact information - distributor

Organization's name The 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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Distribution format

Version ArcGIS 10.3

Name File Geodatabase Feature Class

Transfer options

Transfer size 9.911

Transfer options

Online source

Online location (URL) <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

Fields

Details for object StateBoundary

Type Feature Class

Row count 1

Definition source

NCDOT

Definition

The North Carolina state boundary

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 Shape_Area

Alias Shape_Area

Data type Double

Width 8

Precision 0

Scale 0

Field description

Area of feature in internal units squared.

Description source

ESRI

Description of values

Positive real numbers that are automatically generated.

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 GdbSpotEdit_SPOT_StateBoundary_

Alias GdbSpotEdit_SPOT_StateBoundary_

Data type Double

Width 8

Precision 0

Scale 0

Field description

State Boundary

Description source

NCDOT

Description of values

No domain

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 STATE_

Alias STATE_

Data type Double
Width 8
Precision 0
Scale 0

Field description

State

Description source

NCDOT

Description of values

No domain

Field STATE_ID

Alias STATE_ID
Data type Double
Width 8
Precision 0
Scale 0

Field description

State number

Description source

NCDOT

Description of values

No domain

Field PERIMETER

Alias PERIMETER
Data type Double
Width 8
Precision 0
Scale 0

Field description

State perimeter

Description source

NCDOT

Description of values

No domain

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 2024-02-26

ArcGIS metadata properties

Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ISO19139
Metadata style ISO 19139 Metadata Implementation Specification

Created in ArcGIS for the item 2023-12-06 09:06:24
Last modified in ArcGIS for the item 2024-02-26 17:11:56

Automatic updates

Have been performed Yes
Last update 2024-02-26 17:11:56

Item location history

Item copied or moved 2014-03-06 10:19:01
To \\ncemjfhqfs01\Geodetic Survey\OFFICIAL BASE Map State-County\Published Maps\2013-11-21\NC_State_County_Boundary_NAD83-86
From Y:\OFFICIAL BASE Map State-County\Published Maps\2013-11-21\test
harn\NC_State_County_Boundary_NAD83-86

Metadata Contacts

Metadata contact - point of contact

Organization's name The North Carolina Department of Transportation Geographic Information Systems
Unit
Contact's position GIS Help Desk

Contact information

Phone

Voice 919.707.2165
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Contact instructions

Phone or email

Metadata Maintenance

Maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - originator

Individual's name The North Carolina Department of Transportation

Organization's name Strategic Prioritization Office of Transportation (SPOT)

Contact information

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Metadata Constraints

Constraints

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Security constraints

Classification unclassified

Classification system None

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file