

SmoothedUrbanBoundary - 2018 - NC Department of Transportation

SDE Feature Class



Tags

Urbanized Area, Urban Cluster, Boundaries, Roads, Major Roads, State Maintained Roads, Interstate, Highways, Streets, Centerline, Smooth Boundary, Functional Class, Urban, Rural, County, North Carolina, Division

Summary

Recommended for use with North Carolina data. North Carolina boundary data has been synchronized for use with NC County Boundaries.

Description

Shapefile polygon of Smoothed Urban Boundary.

Data was republished in November 2021 as part of the GIS Unit 4th Quarter Publication to include updated population estimates for 2020.

Credits

Transportation Planning Division, NCDOT

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 or positional accuracy of the data. This data cannot be constructed for use as a legal document. Primary sources from which this data was compiled must be consulted for verification of the information contained therein.

Extent

West -83.524014 **East** -75.533645

North 36.574755 **South** 33.448299

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 boundaries, transportation

CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

THEME KEYWORDS County, North Carolina, Division

THESAURUS ▶

TITLE User

PUBLICATION DATE 2022-02-14 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Urbanized Area, Urban Cluster, Boundaries, Roads, Major Roads, State Maintained Roads, Interstate, Highways, Streets, Centerline, Smooth Boundary, Functional Class, Urban, Rural

THESAURUS ▶

TITLE User

PUBLICATION DATE 2022-02-14 00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE SmoothedUrbanBoundary - 2018 - NC Department of Transportation

PUBLICATION DATE 2022-02-14 00:00:00

PRESENTATION FORMATS digital map

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME NCDOT Transportation Planning Division

CONTACT'S ROLE **originator**

CONTACT INFORMATION ▶

ADDRESS

TYPE

DELIVERY POINT 1554 Mail Service Center

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27699

HOURS OF SERVICE

M-F 9am to 5pm

Hide Contact information ▲

Hide Citation Contacts ▲

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 10.5.1.7333

CREDITS

Transportation Planning Division, NCDOT

ARCGIS ITEM PROPERTIES

NAME BoundarySmoothUrban

* SIZE 3.362

Hide Resource Details ▲

Extents ▶

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -83.524014

EAST LONGITUDE -75.533645

SOUTH LATITUDE 33.448299

NORTH LATITUDE 36.574755

EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -83.524014

* EAST LONGITUDE -75.533645

* NORTH LATITUDE 36.574755

* SOUTH LATITUDE 33.448299

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 670414.212742

* EAST LONGITUDE 3018453.431025

* SOUTH LATITUDE -80626.002267

* NORTH LATITUDE 1028149.584968

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF 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

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

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DELIVERY POINT 4101 Capital Boulevard

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E-MAIL ADDRESS gishelp@ncdot.gov

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CONTACT'S ROLE point of contact

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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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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 3048.0060960121918

Z ORIGIN 0

Z SCALE 1

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.0032808333333333331

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

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"],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 2264

CODESPACE EPSG

VERSION 6.12(9.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ▶

VECTOR ▶

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME BoundarySmoothUrban

* OBJECT TYPE composite

* OBJECT COUNT 70

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME BoundarySmoothUrban

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 70

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶

RESOURCE LEVEL dataset

Hide Scope of quality information ▲

Hide Data Quality ▲

Lineage ▶

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2022-02-14 00:00:00

DESCRIPTION

Review metadata and prep for web

PROCESS 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

CONTACT INFORMATION ▶

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VOICE 919.707.2165

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COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8 am to 5 pm, M-F

[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'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

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HOURS OF SERVICE

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Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT

NAME Shape File

VERSION 10.5.1

TRANSFER OPTIONS

* TRANSFER SIZE 3.362

ONLINE SOURCE

LOCATION <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [BoundarySmoothUrban ►](#)

* TYPE Feature Class

* ROW COUNT 0

DEFINITION

Urbanized Area or Urban Cluster

DEFINITION SOURCE

Census

FIELD [OBJECTID ►](#)

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 10

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD POP_EST_YR ►

* ALIAS POP_EST_YR

* DATA TYPE Integer

* WIDTH 4

* PRECISION 10

* SCALE 0

Hide Field POP_EST_YR ▲

FIELD POP_EST ►

* ALIAS POP_EST

* DATA TYPE Integer

* WIDTH 4

* PRECISION 10

* SCALE 0

Hide Field POP_EST ▲

FIELD SHAPE_Leng ►

* ALIAS SHAPE_Leng

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

Hide Field SHAPE_Leng ▲

FIELD TYPE ►

* ALIAS TYPE

* DATA TYPE String

* WIDTH 15

* PRECISION 0

* SCALE 0

Hide Field TYPE ▲

FIELD FHWA_5_Dig ►

* ALIAS FHWA_5_Dig

* DATA TYPE Integer

* WIDTH 4

* PRECISION 10

* SCALE 0

Hide Field FHWA_5_Dig ▲

FIELD NAME ►

* ALIAS NAME

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

Hide Field NAME ▲

FIELD FHWA_5_Txt ►

* ALIAS FHWA_5_Txt

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

Hide Field FHWA_5_Txt ▲

FIELD Shape ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 4

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD Shape.STArea() ►

* ALIAS Shape.STArea()

* DATA TYPE Double

* WIDTH 0

* PRECISION 0

* SCALE 0

Hide Field Shape.STArea() ▲

FIELD Shape.STLength() ►

* ALIAS Shape.STLength()

* DATA TYPE Double

* WIDTH 0

* PRECISION 0

* SCALE 0

[Hide Field Shape.STLength\(\) ▲](#)

[Hide Details for object BoundarySmoothUrban ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER AD7A344E-767B-4173-A591-576EEDB25E3D

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME dataset

* LAST UPDATE 2021-12-14

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 2021-12-09 15:41:24

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-12-14 15:47:23

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-12-14 15:47:23

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME NCDOT Transportation Planning Division

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

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Metadata Constraints ►

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CLASSIFICATION SYSTEM None

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Hide Metadata Constraints ▲

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲