

# North Carolina Transportation District Boundaries, 2021 - NC Department of Transportation

SDE Feature Class



## Tags

District, North Carolina, DOT District, Boundary, County, County, Boundaries, DOT Division

## Summary

Base Mapping for NCDOT District Boundary Polygons. This feature class allows 14 division polygons to be symbolized.

## Description

North Carolina Dept. of Transportation District Polygons as selected from the County Boundary feature class. Refer to the 'County Boundary as Lines' to find out the source of the lines using the field attribute for 'DESC'. Most of the lines currently are from the DOT county maps which originally come from USGS but might have been updated by the county parcel maps.

## Credits

North Carolina Geodetic Survey, North Carolina Department of Transportation

## Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

## 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

## ArcGIS Metadata ▶

## Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE boundaries

CONTENT TYPE

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS District, North Carolina, County

THESAURUS ▶

TITLE User

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

*Hide Thesaurus ▲*

STRATUM KEYWORDS County

THESAURUS ▶

TITLE User

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

*Hide Thesaurus ▲*

THEME KEYWORDS DOT District, Boundary, Boundaries, DOT Division

THESAURUS ▶

TITLE ISO 19115 Topic Category

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

*Hide Thesaurus ▲*

*Hide Topics and Keywords ▲*

## Citation ▶

TITLE North Carolina Transportation District Boundaries, 2021 - NC Department of Transportation

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

PRESENTATION FORMATS [digital map](#)

[Hide Citation](#) ▲

## Citation Contacts ▶

### RESPONSIBLE PARTY

INDIVIDUAL'S NAME [Steven Kaufman](#)

ORGANIZATION'S NAME [North Carolina Geodetic Survey](#)

CONTACT'S POSITION [GIS Manager](#)

CONTACT'S ROLE [originator](#)

### CONTACT INFORMATION ▶

#### PHONE

VOICE [919-733-3836](#)

FAX [919-733-4407](#)

#### ADDRESS

##### TYPE

DELIVERY POINT [4105 Reedy Creek Road](#)

DELIVERY POINT [4298 MSC, Raleigh, NC 27699-4298](#)

CITY [Raleigh](#)

ADMINISTRATIVE AREA [NC](#)

POSTAL CODE [27607](#)

COUNTRY [US](#)

E-MAIL ADDRESS [steve.kaufman@ncdps.gov](mailto:steve.kaufman@ncdps.gov)

### CONTACT INSTRUCTIONS

<http://www.ncgs.state.nc.us>

[Hide Contact information](#) ▲

[Hide Citation Contacts](#) ▲

## Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE vector

PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

#### CREDITS

North Carolina Geodetic Survey, North Carolina Department of Transportation

#### ARCGIS ITEM PROPERTIES

NAME BoundaryDOTDistrict

[Hide Resource Details ▲](#)

## Extents ►

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.422109

EAST LONGITUDE -75.416032

SOUTH LATITUDE 33.730554

NORTH LATITUDE 36.617254

EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT

##### DESCRIPTION

publication date

## 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

\* WEST LONGITUDE 406832.628358

\* EAST LONGITUDE 3052480.022092

\* SOUTH LATITUDE 34987.950232

\* NORTH LATITUDE 1043624.415895

\* 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

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS [gishelp@ncdot.gov](mailto:gishelp@ncdot.gov)

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

*Hide Contact information ▲*

POINT OF CONTACT

INDIVIDUAL'S NAME Steven Kaufman

ORGANIZATION'S NAME North Carolina Geodetic Survey

CONTACT'S POSITION GIS Manager

CONTACT'S ROLE point of contact

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<http://www.ncgs.state.nc.us>

*Hide Contact information ▲*

*Hide Resource Points of Contact ▲*

## Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

*Hide Resource Maintenance ▲*

## Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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.

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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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 BoundaryDOTDistrict

\* OBJECT TYPE composite

\* OBJECT COUNT 39

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BoundaryDOTDistrict

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polygon

\* HAS TOPOLOGY FALSE

\* FEATURE COUNT 39

\* 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 ▲*

DATA QUALITY REPORT - COMPLETENESS OMISSION ▶

MEASURE DESCRIPTION

Features have been checked for completeness. There are no measurement, precision, spatial, or data schema standards assigned to this data set.

*Hide Data quality report - Completeness omission ▲*

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

Tests for integrity have not been performed.

*Hide Data quality report - Conceptual consistency ▲*

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

MEASURE DESCRIPTION

Various sources with varying degree of accuracy have been used over time to create/update this dataset. NCDOT used best available information at the time of editing.

*Hide Data quality report - Absolute external positional accuracy ▲*

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

MEASURE DESCRIPTION

N/A

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶](#)

MEASURE DESCRIPTION

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

## Lineage ▶

[PROCESS STEP ▶](#)

[WHEN THE PROCESS OCCURRED](#) 2022-02-14 00:00:00

[DESCRIPTION](#)

Process metadata for publication

[PROCESS CONTACT](#)

[ORGANIZATION'S NAME](#) North Carolina Department of Transportation Geographic Information Systems Unit

[CONTACT'S POSITION](#) GIS Help Desk

[CONTACT'S ROLE](#) processor

[CONTACT INFORMATION ▶](#)

[PHONE](#)

[VOICE](#) 919.707.2165

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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

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

DESCRIPTION

Data was converted from NCGS to a Feature Class using Python code. Code is not provided but it basically builds polygons and joins basic attributes for all county.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

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## ADDRESS

DELIVERY POINT 4101 Capital Boulevard

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## HOURS OF SERVICE

8am to 5pm, M-F

## CONTACT INSTRUCTIONS

Phone or e-mail.

*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

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

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COUNTRY US

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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

NAME Feature Class

VERSION 10.5.1

[Hide Distribution ▲](#)

## Fields ►

DETAILS FOR OBJECT [BoundaryDOTDistrict ►](#)

\* TYPE Feature Class

\* ROW COUNT 0

DEFINITION

Polygon data representing all North Carolina District boundaries.

DEFINITION SOURCE

NCDOT

FIELD DIV\_NBR ►

- \* ALIAS DIV\_NBR
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

*Hide Field DIV\_NBR ▲*

FIELD DSTRCT\_NBR ►

- \* ALIAS DSTRCT\_NBR
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

*Hide Field DSTRCT\_NBR ▲*

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 DOTDistrictID ►

- \* ALIAS DOTDistrictID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

*Hide Field DOTDistrictID ▲*

#### 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 DOTDivisionID ►

- \* ALIAS DOTDivisionID
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

*Hide Field DOTDivisionID ▲*

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 BoundaryDOTDistrict ▲*

*Hide Fields ▲*

**Metadata Details ►**

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 588FAFE6-D51D-4E4E-AE33-7F8B8E9A3619

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME dataset

LAST UPDATE 2022-02-14

#### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2018-01-12 12:45:16

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-12-14 15:37:19

#### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-12-14 15:37:19

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

#### METADATA CONTACT

INDIVIDUAL'S NAME Steven Kaufman

ORGANIZATION'S NAME North Carolina Geodetic Survey

CONTACT'S POSITION GIS Manager

CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

##### PHONE

VOICE 919-733-3836

FAX 919-733-4407

##### ADDRESS

##### TYPE

DELIVERY POINT 4105 Reedy Creek Road

DELIVERY POINT 4298 MSC, Raleigh, NC 27699-4298

CITY Raleigh

ADMINISTRATIVE AREA NC

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CONTACT INSTRUCTIONS

<http://www.ncgs.state.nc.us>

*Hide Contact information ▲*

*Hide Metadata Contacts ▲*

## Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY annually

*Hide Metadata Maintenance ▲*

## Metadata Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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*Hide Metadata Constraints ▲*

**Thumbnail and Enclosures ►**

THUMBNAIL

THUMBNAIL TYPE    JPG

*Hide Thumbnail and Enclosures ▲*