

# Municipal Boundaries, Fiscal year 2017 - 2018 - NC Department of Transportation

SDE Feature Class



## Tags

Boundaries, Municipal, Boundary, Incorporated, Cities, Towns, Powell Bill

## Summary

This data was created to assist governmental agencies and others in making resource management decisions through the use of a Geospatial Information System (GIS). Municipal boundaries are recognized as base cartographic layers used for location analysis. This data is current for the fiscal year 2017 - 2018.

## Description

These Municipal Boundaries datasets are based on the Powell Bill Program maps for the 2017-2018 fiscal year. Municipalities in North Carolina participating in the Powell Bill Program are required to submit to NCDOT on a regular basis. These datasets include incorporated municipalities in North Carolina that participate in the Powell Bill Program, and boundaries of municipalities which do not participate in the Powell Bill Program. Sources for the boundaries vary in scale and format as provided by the individual Municipalities.

## Credits

The Data Conversion Group of the North Carolina Department of Transportation GIS Unit serves as the data steward of this spatial polygon data, on behalf of the Powell Bill, Office of the North Carolina Department of Transportation.

## 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** -84.130377    **East** -75.534219  
**North** 36.562719    **South** 33.741740

## 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    Downloadable Data

THEME KEYWORDS Powell Bill, Boundaries, Boundary, Incorporated, Towns, Cities, Municipal

THESAURUS ▶

TITLE User

PUBLICATION DATE 2019-02-11 00:00:00

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

**Citation** ▶

TITLE Municipal Boundaries, Fiscal year 2017 - 2018 - NC Department of Transportation

PUBLICATION DATE 2019-02-11 00:00:00

EDITION DATE 2019-02-11

PRESENTATION FORMATS \* digital map

[Hide Citation ▲](#)

**Citation Contacts** ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE originator

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

TYPE both

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

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

HOURS OF SERVICE

8 am to 5 pm, M-F

[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

The Data Conversion Group of the North Carolina Department of Transportation GIS Unit serves as the data steward of this spatial polygon data, on behalf of the Powell Bill, Office of the North Carolina Department of Transportation.

#### ARCGIS ITEM PROPERTIES

\* NAME BoundaryMunicipal

[Hide Resource Details ▲](#)

### Extents ►

#### EXTENT

##### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -84.130377

\* EAST LONGITUDE -75.534219

\* NORTH LATITUDE 36.562719

\* SOUTH LATITUDE 33.741740

\* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 491681.530336

\* EAST LONGITUDE 3018437.650048

\* SOUTH LATITUDE 34700.650528

\* NORTH LATITUDE 1023766.729936

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

### Resource Points of Contact ►

#### POINT OF CONTACT

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE point of contact

#### CONTACT INFORMATION ►

##### PHONE

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##### ADDRESS

##### TYPE

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COUNTRY US

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[Hide Resource Points of Contact ▲](#)



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]],VERTCS["NAVD\_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)

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME BoundaryMunicipal

- \* OBJECT TYPE composite
- \* OBJECT COUNT 551

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BoundaryMunicipal

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 551
- \* 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 2019-02-11 00:00:00

DESCRIPTION

Prep for web site

*Hide Process step ▲*

*Hide Lineage ▲*

**Distribution ►**

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

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POSTAL CODE 27604

COUNTRY US

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HOURS OF SERVICE

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TRANSFER OPTIONS

ONLINE SOURCE

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

*Hide Distributor ▲*

DISTRIBUTION FORMAT

\* NAME SDE Feature Class

VERSION 10.5.1

*Hide Distribution ▲*

**Fields ►**

DETAILS FOR OBJECT [BoundaryMunicipal ►](#)

\* TYPE Feature Class

\* ROW COUNT 551

DEFINITION

Multi-part polygons

DEFINITION SOURCE

## ESRI

### 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 FromDate ►

\* ALIAS FrmDate

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

*Hide Field FromDate ▲*

### FIELD ToDate ►

\* ALIAS ToDate

\* DATA TYPE Date

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

*Hide Field ToDate ▲*

### FIELD MunicipalBoundaryName ►

\* ALIAS MunName

\* DATA TYPE String

\* WIDTH 30

\* PRECISION 0

\* SCALE 0

*Hide Field MunicipalBoundaryName ▲*

FIELD [MunicipalBoundaryNameUpperCase](#) ▶

- \* ALIAS NmUpprCase
- \* DATA TYPE String
- \* WIDTH 30
- \* PRECISION 0
- \* SCALE 0

[Hide Field MunicipalBoundaryNameUpperCase](#) ▲

FIELD [CountyName1](#) ▶

- \* ALIAS County1
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

[Hide Field CountyName1](#) ▲

FIELD [CountyName2](#) ▶

- \* ALIAS County2
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

[Hide Field CountyName2](#) ▲

FIELD [CountyName3](#) ▶

- \* ALIAS County3
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

[Hide Field CountyName3](#) ▲

FIELD [CountyName4](#) ▶

- \* ALIAS County4
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

[Hide Field CountyName4](#) ▲

FIELD [Division](#) ▶



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

*Hide Field Division ▲*

FIELD TownCode ►

- \* ALIAS TownCode
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field TownCode ▲*

FIELD CensusType ►

- \* ALIAS CensusType
- \* DATA TYPE String
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

*Hide Field CensusType ▲*

FIELD CensusPopulation ►

- \* ALIAS CensusPop
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 10
- \* SCALE 0

*Hide Field CensusPopulation ▲*

FIELD CensusYear ►

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

*Hide Field CensusYear ▲*

FIELD IncorporatedDate ►

- \* ALIAS IncprtdDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0

\* SCALE 0

[Hide Field IncorporatedDate ▲](#)

FIELD IncorporatedYear ►

\* ALIAS IncprtdYear

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

[Hide Field IncorporatedYear ▲](#)

FIELD PowellBillParticipate ►

\* ALIAS PBParticipate

\* DATA TYPE String

\* WIDTH 2

\* PRECISION 0

\* SCALE 0

[Hide Field PowellBillParticipate ▲](#)

FIELD Changed ►

\* ALIAS Changed

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

[Hide Field Changed ▲](#)

FIELD ChangeYear ►

\* ALIAS ChangeYear

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

[Hide Field ChangeYear ▲](#)

FIELD PopulationEstimate ►

\* ALIAS PopEstimate

\* DATA TYPE Integer

\* WIDTH 4

\* PRECISION 10

\* SCALE 0

[Hide Field PopulationEstimate ▲](#)

FIELD PopulationEstimateYear ►

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

*Hide Field PopulationEstimateYear ▲*

FIELD PopulationGrowth ►

- \* ALIAS PopGrowth
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 10
- \* SCALE 0

*Hide Field PopulationGrowth ▲*

FIELD PercentGrowth ►

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

*Hide Field PercentGrowth ▲*

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 GlobalID ►

- \* ALIAS GlobalID
- \* DATA TYPE GlobalID
- \* WIDTH 38
- \* PRECISION 0
- \* SCALE 0

[Hide Field GlobalID ▲](#)

FIELD [IntersectFeatureID ▶](#)

- \* ALIAS IntersectID
- \* DATA TYPE String
- \* WIDTH 10
- \* PRECISION 0
- \* SCALE 0

[Hide Field IntersectFeatureID ▲](#)

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 BoundaryMunicipal ▲](#)

[Hide Fields ▲](#)

## **Metadata Details ▶**

- \* METADATA LANGUAGE English (UNITED STATES)
- METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format
- METADATA IDENTIFIER 27A643EA-4D8F-4639-B36B-48BAE8B54B87
- SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset
- SCOPE NAME \* dataset
- \* LAST UPDATE 2019-01-23
- 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 13:33:29
  - LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-01-23 16:36:17
  - AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2019-01-23 15:44:26

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE point of contact

### CONTACT INFORMATION ►

#### PHONE

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#### ADDRESS

##### TYPE

DELIVERY POINT 4101 Capital Boulevard

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

#### HOURS OF SERVICE

8 am to 5 pm, M-F

[Hide Contact information ▲](#)

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## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY annually

[Hide Metadata Maintenance ▲](#)

## Metadata Constraints ►

### CONSTRAINTS

#### LIMITATIONS OF USE

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#### LEGAL CONSTRAINTS

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#### SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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*Hide Metadata Constraints ▲*

## **Thumbnail and Enclosures ►**

THUMBNAIL

THUMBNAIL TYPE JPG

*Hide Thumbnail and Enclosures ▲*