Municipal Boundaries, Fiscal year 2020 - 2021 - NC Department of Transportation

SDE Feature Class

Tags

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

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 2020 - 2021.

Description

These Municipal Boundaries datasets are based on the Powell Bill Program maps for the 2020-2021 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
   EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION   No

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

   THESAURUS   ▶

   TITLE   User

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

   Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE   Municipal Boundaries, Fiscal year 2020 - 2021 - NC Department of Transportation

PUBLICATION DATE   2022-02-14   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

DELIVERY POINT   4101 Capital Boulevard

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

E-MAIL ADDRESS   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

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ARCGIS ITEM PROPERTIES

NAME   BoundaryMunicipal

Hide Resource Details ▲

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.130377

EAST LONGITUDE -75.534219

SOUTH LATITUDE 33.74174

NORTH LATITUDE 36.562719

EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.130377

EAST LONGITUDE -75.534219

SOUTH LATITUDE 33.74174

NORTH LATITUDE 36.562719

EXTENT CONTAINS THE RESOURCE Yes

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

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

VOICE   919.707.2165

FAX   919.707.2210

ADDRESS

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COUNTRY   US

E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE

8 am to 5 pm, M-F

Resource Maintenance   ▶

RESOURCE MAINTENANCE

UPDATE FREQUENCY   annually

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   1893.9393939393938

Z ORIGIN   0

Z SCALE   1

M ORIGIN   0

M SCALE   1

XY TOLERANCE   0.00528

Z TOLERANCE   0.0032808333333333331

M TOLERANCE   0.001

HIGH PRECISION   true

LATEST WELL-KNOWN IDENTIFIER   2264

VCSWKID   105703

LATESTVCSWKID   6360

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["Gree
nwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMET
ER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridi
an",-
79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16
666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192]],VERTC
S["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   2022-02-14   00:00:00

Review metadata and prep for web site.

INDIVIDUAL'S NAME   GIS Help Desk

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

CONTACT'S ROLE   processor

CONTACT INFORMATION   ▶

PHONE

VOICE   919.707.2165

FAX   919.707.2210

ADDRESS

TYPE

DELIVERY POINT   4101 Capital Boulevard

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

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

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8 am to 5 pm, M-F

Hide Contact information ▲

TRANSFER OPTIONS
ONLINE SOURCE

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

Hide Distributor ▲

DISTRIBUTION FORMAT

NAME Shape File

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 PercentGrowth ▶

* ALIAS   PctGrowth

* DATA TYPE   SmallInteger

* WIDTH   2

* PRECISION   5

* SCALE   0

Hide Field PercentGrowth ▲

FIELD CensusType ▶

* ALIAS   CensusType

* DATA TYPE   String

* WIDTH   8

* PRECISION   0

* SCALE   0

Hide Field CensusType ▲

FIELD FromDate ▶

* **ALIAS** FromDate

* **DATA TYPE** Date

* **WIDTH** 8

* **PRECISION** 0

* **SCALE** 0

Hide Field FromDate ▲

FIELD PowellBillParticipate ▶

* **ALIAS** PBParticipate

* **DATA TYPE** String

* **WIDTH** 2

* **PRECISION** 0

* **SCALE** 0

Hide Field PowellBillParticipate ▲

FIELD IncorporatedDate ▶

* **ALIAS** IncprtdDate

* **DATA TYPE** Date

* **WIDTH** 8

* **PRECISION** 0

* **SCALE** 0

Hide Field IncorporatedDate ▲

FIELD Division ▶

* **ALIAS** Division

* **DATA TYPE** SmallInteger

* **WIDTH** 2

* **PRECISION** 5

* **SCALE** 0

Hide Field Division ▲

FIELD PopulationGrowth ▶

    * ALIAS   PopGrowth

    * DATA TYPE   Integer

    * WIDTH   4

    * PRECISION   10

    * SCALE   0

Hide Field PopulationGrowth ▲

FIELD CountyName4 ▶

    * ALIAS   County4

    * DATA TYPE   String

    * WIDTH   20

    * PRECISION   0

    * SCALE   0

Hide Field CountyName4 ▲

FIELD MunicipalBoundaryNameUpperCase ▶

    * ALIAS   NmUpprCase

    * DATA TYPE   String

    * WIDTH   30

    * PRECISION   0

    * SCALE   0

Hide Field MunicipalBoundaryNameUpperCase ▲

FIELD PopulationEstimate ▶

    * ALIAS   PopEstimate

* **DATA TYPE** Integer

* **WIDTH** 4

* **PRECISION** 10

* **SCALE** 0

Hide Field PopulationEstimate ▲

FIELD ChangeYear ▶

* **ALIAS** ChangeYear

* **DATA TYPE** SmallInteger

* **WIDTH** 2

* **PRECISION** 5

* **SCALE** 0

Hide Field ChangeYear ▲

FIELD CensusPopulation ▶

* **ALIAS** CensusPop

* **DATA TYPE** Integer

* **WIDTH** 4

* **PRECISION** 10

* **SCALE** 0

Hide Field CensusPopulation ▲

FIELD ToDate ▶

* **ALIAS** ToDate

* **DATA TYPE** Date

* **WIDTH** 8

* **PRECISION** 0

* **SCALE** 0

Hide Field ToDate ▲

FIELD IntersectFeatureID ▶

* ALIAS   IntersectID

* DATA TYPE   String

* WIDTH   10

* PRECISION   0

* SCALE   0

Hide Field IntersectFeatureID ▲

FIELD MunicipalBoundaryName ▶

* ALIAS   MunName

* DATA TYPE   String

* WIDTH   30

* PRECISION   0

* SCALE   0

Hide Field MunicipalBoundaryName ▲

FIELD PopulationEstimateYear ▶

* ALIAS   PopEstYear

* DATA TYPE   SmallInteger

* WIDTH   2

* PRECISION   5

* SCALE   0

Hide Field PopulationEstimateYear ▲

FIELD Changed ▶

* ALIAS   Changed

* **DATA TYPE** String

* **WIDTH** 15

* **PRECISION** 0

* **SCALE** 0

Hide Field Changed ▲

FIELD CensusYear ▶

* **ALIAS** CensusYear

* **DATA TYPE** SmallInteger

* **WIDTH** 2

* **PRECISION** 5

* **SCALE** 0

Hide Field CensusYear ▲

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 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 TownCode ▶

* ALIAS TownCode

* DATA TYPE String

* WIDTH 4

* PRECISION 0

* SCALE 0

Hide Field TownCode ▲

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 IncorporatedYear ▶

* **ALIAS** IncprtdYear

* **DATA TYPE** SmallInteger

* **WIDTH** 2

* **PRECISION** 5

* **SCALE** 0

Hide Field IncorporatedYear ▲

FIELD CountyName3 ▶

* **ALIAS** County3

* **DATA TYPE** String

* **WIDTH** 20

* **PRECISION** 0

* **SCALE** 0

Hide Field CountyName3 ▲

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   2021-12-09

ARCGIS METADATA PROPERTIES
  METADATA FORMAT   ArcGIS 1.0

  METADATA STYLE   ISO 19139 Metadata Implementation Specification

STANDARD OR PROFILE USED TO EDIT METADATA   ISO19139

CREATED IN ArcGIS FOR THE ITEM   2021-12-08   10:07:12
LAST MODIFIED IN ArcGIS FOR THE ITEM   2021-12-14   15:45:26

AUTOMATIC UPDATES
   HAVE BEEN PERFORMED   Yes

   LAST UPDATE   2021-12-14   15:45:26

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

      VOICE   919.707.2165

      FAX   919.707.2210

   ADDRESS

      DELIVERY POINT   4101 Capital Boulevard

      CITY   Raleigh

      ADMINISTRATIVE AREA   NC

      POSTAL CODE   27604

      COUNTRY   US

      E-MAIL ADDRESS   gishelp@ncdot.gov

   HOURS OF SERVICE

      8 am to 5 pm, M-F

   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

LIMITATIONS OF USE

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Hide Metadata Constraints ▲

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲