Geometric Route and Boundary Intersections, 2nd Quarter 2024 - NC Department of Transportation

File Geodatabase Table

Tags
Highways, US, County, State maintained roads, Primary, Transportation, NC, Local roads, Interstate, Secondary

Summary
This dataset provides a subset of segment route information for intersections located on local and state-maintained routes in North Carolina. Intersections in this dataset are defined as junctions a route has with other routes or other boundaries (state/county/municipal). The data serves the web-enabled Geometric Reporter application built by the NCDIT-T GIS Unit Application Services Team, that enables users to return specified subsets of the data based on custom filters.

Production website : https://gis13.services.ncdot.gov/geometricreport/index.html

This dataset is a derivative product of NCRouteArcs, which is updated quarterly in support of Highway Performance Monitoring System (HPMS) reporting.

Description
This dataset includes a subset of information for local and state-maintained route intersections where intersections are defined as junctions with other routes or with state/county/municipal boundaries. Specific information including the route or type of boundary the dominant route intersects with as well as the measurement between intersection points and respective routes/boundaries are included.

Credits
Spatial Data Management Group - compile data.

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 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
There is no extent for this item.

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   transportation

* CONTENT TYPE   Downloadable Data

THEME KEYWORDS   Highways, US, County, State maintained roads, Primary, Transportation, NC, Local roads, Interstate, Secondary

Hide Topics and Keywords ▲

Citation ►

TITLE   Geometric Route and Boundary Intersections, 2nd Quarter 2024 - NC Department of Transportation
PUBLICATION DATE   2024-05-06   00:00:00

PRESENTATION FORMATS   digital table

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY
  ORGANIZATION'S NAME   North Carolina Department of Transportation Geographic Information Systems Unit
  CONTACT'S POSITION   GIS Help Desk
  CONTACT'S ROLE   originator

  CONTACT INFORMATION   ►
    PHONE
      VOICE   919.707.2165
      FAX   919.707.2210

    ADDRESS
      DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   North Carolina
      POSTAL CODE   27610
      COUNTRY   US
      E-MAIL ADDRESS   gishelp@ncdot.gov

    HOURS OF SERVICE
      8am to 5pm, M-F

    Hide Contact information ▲

RESPONSIBLE PARTY
  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
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Hide Contact information ▲

RESPONSIBLE PARTY
ORGANIZATION'S NAME   North Carolina Department of Transportation Geographic Information Systems Unit
CONTACT'S POSITION   GIS Help Desk
CONTACT'S ROLE   resource provider

CONTACT INFORMATION   ▶
PHONE
VOICE   919.707.2165
FAX   919.707.2210

ADDRESS
DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
CITY   Raleigh
ADMINISTRATIVE AREA   North Carolina
POSTAL CODE   27610
COUNTRY   US
E-MAIL ADDRESS   gishelp@ncdot.gov

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Resource Details   ▶

DATASET LANGUAGES   English (UNITED STATES)
DATASET CHARACTER SET   utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE   * text table

* PROCESSING ENVIRONMENT   Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

CREDITS
Spatial Data Management Group - compile data.

Hide Resource Details ▲

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
  DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive
  CITY Raleigh
  ADMINISTRATIVE AREA North Carolina
  POSTAL CODE 27610
  COUNTRY US
  E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE
  8am to 5pm, M-F

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Resource Maintenance ▶

RESOURCE MAINTENANCE
  UPDATE FREQUENCY quarterly

MAINTENANCE 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
    DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive
    CITY Raleigh
    ADMINISTRATIVE AREA North Carolina
    POSTAL CODE 27610
    COUNTRY US
    E-MAIL ADDRESS gishelp@ncdot.gov

  HOURS OF SERVICE
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Resource Constraints ▶

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      in this data.

SECURITY CONSTRAINTS
  CLASSIFICATION unclassified
  CLASSIFICATION SYSTEM None

CONSTRAINTS
LIMITATIONS OF USE

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Hide Resource Constraints ▲

Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶
RESOURCE LEVEL   dataset

Hide Scope of quality information ▲

Hide Data Quality ▲

Lineage ▶

PROCESS STEP ▶
DESCRIPTION
Compile data and prep for application

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
FAX   919.707.2210

ADDRESS
DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
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COUNTRY   US
E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE
8am to 5pm, M-F

Hide Contact information ▲

Distribution ▶

DISTRIBUTION FORMAT
  VERSION   10.8.1
  * NAME   File Geodatabase Table

Fields ▶

DETAILS FOR OBJECT GeometricRteBndryIntersections ▶
  * TYPE   Table
  * ROW COUNT   2482575
  DEFINITION
      Intersections

  DEFINITION SOURCE
      NCDOT GIS

FIELD RouteName ▶
  * ALIAS   RouteName
  * DATA TYPE   String
  * WIDTH   41
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
      Route, County or State identifier intersecting with RouteID

  DESCRIPTION SOURCE
      NCDOT GIS

  DESCRIPTION OF VALUES
      Values vary.

FIELD measure ▶
  * ALIAS   measure
  * DATA TYPE   Double
  * WIDTH   8
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
      RouteID Measure where intersection occurs

  DESCRIPTION SOURCE
      NCDOT GIS

DESCRIPTION OF VALUES
Values vary.

Hide Field measure ▲

FIELD intersection ►
* ALIAS intersection
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Representation of Intersecting Route

DESCRIPTION SOURCE
NCDOT GIS

DESCRIPTION OF VALUES
Values vary.

Hide Field intersection ▲

FIELD OrderNbr ►
* ALIAS OrderNbr
* DATA TYPE String
* WIDTH 5
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Dominance Rank of Intersections at a specific measure for a specific RouteID

DESCRIPTION SOURCE
NCDOT GIS

DESCRIPTION OF VALUES
Values vary.

Hide Field OrderNbr ▲

FIELD routeid ►
* ALIAS routeid
* DATA TYPE String
* WIDTH 15
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Route Identifier, dominant route.

DESCRIPTION SOURCE
NCDOT GIS

DESCRIPTION OF VALUES
Values vary.

Hide Field routeid ▲

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.

Hide Field OBJECTID ▲

Hide Details for object GeometricRteBndryIntersections ▲

Hide Fields ▲

Metadata Details ►

METADATA LANGUAGE   English (UNITED STATES)
METADATA CHARACTER SET   utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA   non-geographic dataset
SCOPE NAME   ***** dataset

* LAST UPDATE   2024-04-30

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   2024-04-29   16:36:28
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2024-04-30   09:00:34

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED   Yes
    LAST UPDATE   2024-04-30   09:00:34

Hide Metadata Details ▲

Metadata Contacts ►

Metadata Maintenance ▶

MAINTENANCE
  UPDATE FREQUENCY quarterly

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Metadata Constraints ▶

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SECURITY CONSTRAINTS
  CLASSIFICATION unclassified
  CLASSIFICATION SYSTEM None

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