Geometric Route and Boundary Intersections, 4th Quarter 2023 - 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, 4th Quarter 2023 - NC Department of Transportation
PUBLICATION DATE   2023-11-06   00:00:00

PRESENTATION FORMATS   digital table

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY
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  CONTACT'S POSITION   GIS Help Desk
  CONTACT'S ROLE   originator

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

    Hide Contact information ▲

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CONTACT'S ROLE   resource provider

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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
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CONTACT'S POSITION   GIS Help Desk
CONTACT'S ROLE   point of contact

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Hide Resource Points of Contact ▲

Resource Maintenance ▶

RESOURCE MAINTENANCE
UPDATE FREQUENCY quarterly

MAINTENANCE CONTACT
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CONTACT'S POSITION GIS Help Desk
CONTACT'S ROLE point of contact

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Resource Constraints ▶

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SECURITY CONSTRAINTS
CLASSIFICATION unclassified
CLASSIFICATION SYSTEM None

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

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

Hide Contact information ▲

Hide Process step ▲

Hide Lineage ▲

Distribution ►

DISTRIBUTION FORMAT
  VERSION   10.8.1
  * NAME   File Geodatabase Table

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT GeometricRteBndryIntersections ►
  * TYPE   Table
  * ROW COUNT   2469605
  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.

    Hide Field RouteName ▲

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   2023-10-31

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   2023-10-31   08:55:17
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2023-10-31   21:37:11

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED   Yes
    LAST UPDATE   2023-10-31   21:36:58

Hide Metadata Details ▲

Metadata Contacts ►

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  CONTACT'S POSITION   GIS Help Desk
  CONTACT'S ROLE   point of contact

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  Hide 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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Thumbnail and Enclosures ▶

THUMBNAIL
   THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲