Road Characteristics - Highway Exit, 2nd Quarter 2024 - NC Department of Transportation

File Geodatabase Feature Class

Tags
Transportation, Downloadable Data

Summary
This data may be used to locate highway exits, their names and their numbers in North Carolina. The exit locations are snapped to the NCDOT LRS data and can be used in conjunction with that data for analysis or cartographic purposes.

Description
This dataset contains a current point representation of all of the grade-separated highway exit locations in North Carolina.

Credits
Spatial Data Management Group - Product creation; Data Conversion Group – System geometry, mileage, events; Local County Government – Non-system geometry

Use limitations
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Extent

West	-83.538067	**East**	-76.292403
North	36.540082	**South**	33.896378

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 transportationCONTENT TYPE Downloadable Data

THEME KEYWORDS Transportation

THESAURUS ►
TITLE ISO 19115 Topic Category

PUBLICATION DATE   2024-05-06   00:00:00

Hide Thesaurus ▲

OTHER KEYWORDS   Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE   Road Characteristics - Highway Exit, 2nd Quarter 2024 - NC Department of Transportation
PUBLICATION DATE   2024-05-06   00:00:00

PRESENTATION FORMATS   digital map

Hide Citation ▲

Citation Contacts ►

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

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ource 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 10.8.1.14362

CREDITS
Spatial Data Management Group - Product creation; Data Conversion Group – System geometry, mileage, events; Local County Government – Non-system geometry

Hide Resource Details ▲

Extents ▶

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -83.538067
      EAST LONGITUDE   -76.292403
      SOUTH LATITUDE   33.896701
      NORTH LATITUDE   36.540082
      EXTENT CONTAINS THE RESOURCE   Yes

  VERTICAL EXTENT
    * MINIMUM VALUE   2.600000
    * MAXIMUM VALUE   4229.600000

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      WEST LONGITUDE   -83.538067
      EAST LONGITUDE   -76.292403
      SOUTH LATITUDE   33.896701
      NORTH LATITUDE   36.540082
      EXTENT CONTAINS THE RESOURCE   Yes

  GEOGRAPHIC EXTENT
    GEOGRAPHIC DESCRIPTION
      DESCRIPTION CONTAINS THE RESOURCE   Yes

  VERTICAL EXTENT
    * MINIMUM VALUE   2.600000
    * MAXIMUM VALUE   4229.600000

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      EXTENT TYPE   Extent used for searching
      * WEST LONGITUDE   -83.538067
      * EAST LONGITUDE   -76.292403
      * NORTH LATITUDE   36.540082
      * SOUTH LATITUDE   33.896378
      * EXTENT CONTAINS THE RESOURCE   Yes

  EXTENT IN THE ITEM'S COORDINATE SYSTEM
    * WEST LONGITUDE   665701.000056
    * EAST LONGITUDE   2795740.340362
    * SOUTH LATITUDE   82836.970675
    * NORTH LATITUDE   1015524.164681
    * EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Points of Contact ▶

POINT OF CONTACT
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  ORGANIZATION'S NAME   North Carolina Department of Transportation Geographic Information Systems Unit
  CONTACT'S ROLE   point of contact

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Resource Maintenance ▶

RESOURCE MAINTENANCE
UPDATE FREQUENCY   quarterly

MAINTENANCE CONTACT
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CONTACT'S ROLE   point of contact

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Resource Constraints ▶

LEGAL CONSTRAINTS
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SECURITY CONSTRAINTS
CLASSIFICATION   unclassified
CLASSIFICATION SYSTEM   None

CONSTRAINTS
   LIMITATIONS OF USE

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   in this data.

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   3048.0060960121928
   Z ORIGIN   -100000
   Z SCALE   10000
   M ORIGIN   -100000
   M SCALE   10000
   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_19
   83",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM[
   "Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],P
   ARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Cen
   tral_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],A
   UTHORITY["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   HighwayExit
  * OBJECT TYPE   point
  * OBJECT COUNT   2543

  Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ▶
  FEATURE CLASS NAME   HighwayExit
  * FEATURE TYPE   Simple
  * GEOMETRY TYPE   Point
  * HAS TOPOLOGY   FALSE
  * FEATURE COUNT   2543
  * SPATIAL INDEX   TRUE
  * LINEAR REFERENCING   TRUE

  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   ▶
  DESCRIPTION
    Prep Data, Review and publish

PROCESS CONTACT
  INDIVIDUAL'S NAME   GIS Help Desk
  ORGANIZATION'S NAME   North Carolina Department of Transportation Geographic Information Systems Unit
  CONTACT'S ROLE   processor

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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

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    Hide Distributor ▲

  DISTRIBUTION FORMAT
    VERSION   10.8.1
    * NAME   File Geodatabase Feature Class

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT HighwayExit   ▶
  * TYPE   Feature Class

* ROW COUNT   2543
DEFINITION
   A point representation of all of the grade-separated highway exit locations in North Carolina

DEFINITION SOURCE
   NC DOT

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 ▲

FIELD Measure ►
  * ALIAS   Measure
  * DATA TYPE   Double
  * WIDTH   8
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
   Milepost point value

DESCRIPTION SOURCE
   NC DOT

   Hide Field Measure ▲

FIELD ExitNumber ►
  * ALIAS   ExitNumber
  * DATA TYPE   String
  * WIDTH   10
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
   The Exit Number

DESCRIPTION SOURCE
   NC DOT

   Hide Field ExitNumber ▲

FIELD **ToDate** ▶

* ALIAS ToDate
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

A date that represents when data was retired. Data in this feature class will be current and the ToDate will be represented as Null

DESCRIPTION SOURCE

NC DOT

Hide Field ToDate ▲

FIELD **RouteID** ▶

* ALIAS RouteID
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Route Identifier for Dominant Route. The 11-digit composite route number where the last 3 digits represent Sap County Code.

DESCRIPTION SOURCE

NC DOT

Hide Field RouteID ▲

FIELD **Shape** ▶

* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD **ExitName** ▶

* ALIAS ExitName
* DATA TYPE String
* WIDTH 100

PRECISION 0

SCALE 0

FIELD DESCRIPTION
  Name of the Exit

DESCRIPTION SOURCE
  NC DOT

  Hide Field ExitName ▲

FIELD FromDate ►
  * ALIAS FromDate
  * DATA TYPE Date
  * WIDTH 8
  * PRECISION 0
  * SCALE 0
  FIELD DESCRIPTION
    The date when the attribute data was added/updated.

  DESCRIPTION SOURCE
    NC DOT

  Hide Field FromDate ▲

  Hide Details for object HighwayExit ▲

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   dataset
SCOPE NAME   ***** dataset

* LAST UPDATE   2024-04-04

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   2024-04-03   14:27:17
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2024-04-04   10:27:19

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED   Yes
    LAST UPDATE   2024-04-04   10:27:19

Hide Metadata Details ▲

Metadata Contacts ►

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

CONTACT'S ROLE   point of contact

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Metadata Maintenance ▶

MAINTENANCE
  UPDATE FREQUENCY   quarterly

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