Road Characteristics - Highway Exit, 4th Quarter 2023 - 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   transportation

* CONTENT TYPE   Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION   No

THEME KEYWORDS   Transportation

THESAURUS   ►

TITLE ISO 19115 Topic Category
PUBLICATION DATE 2023-11-06 00:00:00

Hide Thesaurus ▲

OTHER KEYWORDS Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE Road Characteristics - Highway Exit, 4th Quarter 2023 - NC Department of Transportation
PUBLICATION DATE 2023-11-06 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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Resource 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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Resource Maintenance ▶

RESOURCE MAINTENANCE
UPDATE FREQUENCY quarterly

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Resource Constraints ▶

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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   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
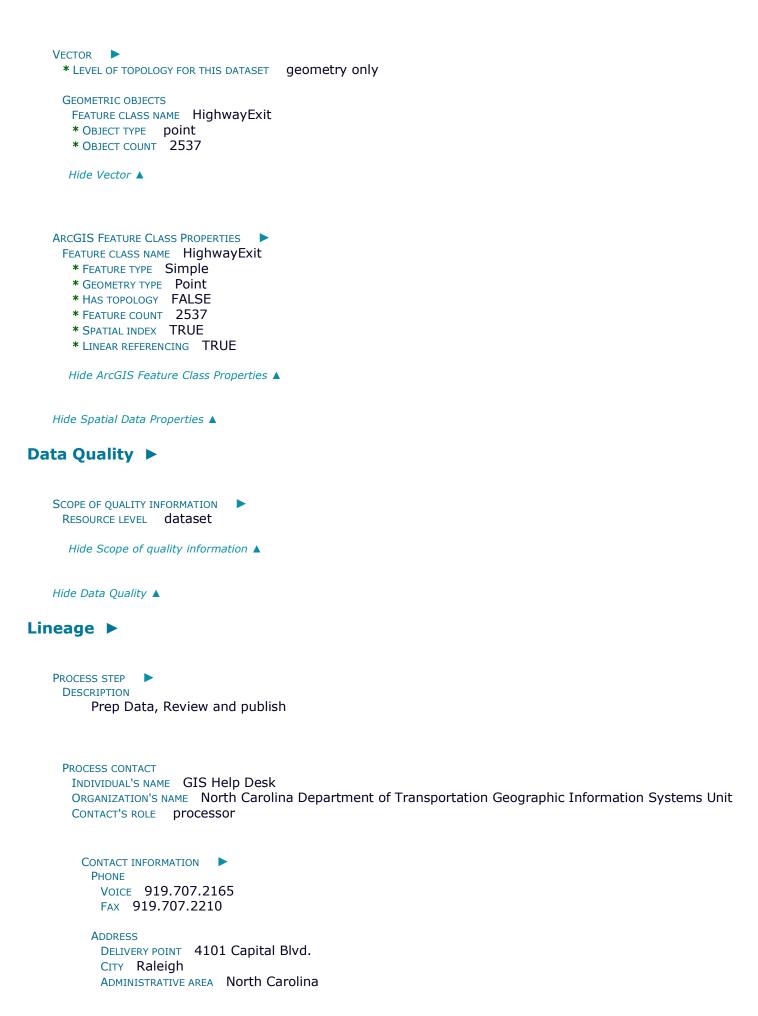   LATEST WELL-KNOWN IDENTIFIER   2264
    WELL-KNOWN TEXT
    PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],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],AUTHORITY["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 2537

    Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
    FEATURE CLASS NAME HighwayExit
    * FEATURE TYPE Simple
    * GEOMETRY TYPE Point
    * HAS TOPOLOGY FALSE
    * FEATURE COUNT 2537
    * 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   2537
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 OBJECTID_1 ▶
* ALIAS   OBJECTID_1
* DATA TYPE   Integer
* WIDTH   4
* PRECISION   0
* SCALE   0

    Hide Field OBJECTID_1 ▲

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   2023-10-17

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   2023-10-16   14:51:47
  LAST MODIFIED IN ARCGIS FOR THE ITEM   2023-10-17   08:45:31

  AUTOMATIC UPDATES
      HAVE BEEN PERFORMED   Yes

LAST UPDATE   2023-10-17   08:45:31

Hide Metadata Details ▲

Metadata Contacts ▶

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INDIVIDUAL'S NAME   GIS Help Desk
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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SECURITY CONSTRAINTS
  CLASSIFICATION   unclassified
  CLASSIFICATION SYSTEM   None

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THUMBNAIL
  THUMBNAIL TYPE   JPG