

Road Characteristics - Highway Exit, 3rd 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

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

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 2023-08-07 00:00:00

Hide Thesaurus ▲

OTHER KEYWORDS Downloadable Data

Hide Topics and Keywords ▲

Citation ▶

TITLE Road Characteristics - Highway Exit, 3rd Quarter 2023 - NC Department of Transportation

PUBLICATION DATE 2023-08-07 00:00:00

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

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail

Hide Contact information ▲

RESPONSIBLE PARTY

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 ►

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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

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 1015524.160087
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

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

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- COUNTRY US
- E-MAIL ADDRESS gishelp@ncdot.gov

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Phone or e-mail

[Hide Contact information ▲](#)

POINT OF CONTACT

INDIVIDUAL'S NAME GIS Help Desk

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

CONTACT'S ROLE resource provider

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

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Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

MAINTENANCE 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 ►

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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 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 2538

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME HighwayExit

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 2538

* 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

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail

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

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

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CONTACT INSTRUCTIONS

Phone or e-mail

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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 2538

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 2023-07-25

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 2023-07-25 16:11:58

LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-07-25 18:32:20

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2023-07-25 18:32:20

[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 Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail

Hide Contact information ▲

METADATA CONTACT

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METADATA CONTACT

INDIVIDUAL'S NAME GIS Help Desk

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Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY quarterly

MAINTENANCE CONTACT

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Metadata Constraints ►

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CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)