LRSE_TrafficSegment

Geodatabase Feature Class

Tags Linear Referencing System, Event, Measure, Line, North Carolina, NCDOT, Transportation, Highway, Roads, Routes, Centerline, State Highway Network, Inventory, Transportation Planning, Location, Traffic, Traffic Segments

Summary

This feature class contains measured occurrences (events) of Annual Average Daily Traffic (AADT) monitoring segments represented as lines aligned to NCDOT's Linear Reference System (LRS) Network of routes. Attributes containing Event ID and the NCDOT 11-digit Route ID are included. This event also contains the following attributes: Traffic Monitoring Station ID and Vehicle Class ID. For each linear event occurrence, From Measure and To Measure fields provide beginning and end locations of the event along the NCDOT's MilePoint route network. Measures represent a location along a route based on distance from the route's origin. The measure is captured in miles. The precision is to the 6th decimal in the tabular column. Measure precision on the shape is to the 7th decimal. This is one of many events included in NCDOT's LRS, representing route characteristic attributes of the NCDOT state road system. The LRS route network is comprised of Interstate, US, NC, Secondary Roads, Ramps, and non-state maintained and projected roads required for federal reporting purposes.

Description

Measured linear events indicating segments where traffic is monitored along North Carolina's road system. The N.C. Department of Transportation's Traffic Survey Group collects traffic data statewide to analyze and support planning, design, construction, maintenance, operation and research activities required to manage North Carolina's transportation system. One of the group's main deliverables is the annual average daily traffic volume map, which presents the traffic average for a specific year at specific points on the state's roads. The Traffic Survey Group is also responsible for various traffic monitoring programs. More information is available here: https://connect.ncdot.gov/resources/State-Mapping/Pages/Traffic-Survey-Group.aspx
The referencing provided is based on the 2022 Quarter 1 publication of the NCDOT Linear Referencing System (LRS) maintained by the GIS Unit. This is the official 2021 data set reported for HPMS routes, is the basis for the highway mileage reports, and was used to estimate vehicle miles of travel (VMT) for 2021.
See more information about the data here: https://connect.ncdot.gov/resources/State-Mapping/Documents/NCDOT_2021_Traffic_Segments_Shapefile_Description.pdf
NCDOT adopted the road centerline based LRS Network as it's official Enterprise LRS, to which multiple road inventory attributes are referenced along measured routes throughout North Carolina. These routes are classified as either System or Non-System routes. System routes are routes within the state-maintained road network, and are comprised of Interstates, US Routes, NC Routes, Secondary Routes, Ramps, and Non-System Routes. Non-System routes are routes that are typically not maintained by NCDOT, but instead by a local agency (county, city or MPO/RPO). The local agency is the source for updating these Non-System route in NCDOT's LRS.
An LRS is a system for storing geographic locations along linear elements using relative locations. Location is given in terms of a known linear feature and a position, or measure, along it based on a distance from a known point of origin. The road centerline feature class is the geometry source from which NCDOT's routes are created in the LRS. The collection of routes, System and Non-System, is the NCDOT LRS Network referred to as MilePoint. For NCDOT,

MilePoint provides the linear measures in miles, from the origin of each route. Events are stored on or along routes. Events are continuous linear or point features and can be anything that occurs on or describes a route. Examples in NCDOT's LRS are speed limit, lane width, functional class, surface type, ownership, or highway exit. Events describe an attribute of a route and have a location along the route (measured by the distance, in miles for NCDOT's LRS, from the start of the route). Multiple sets of road attributes (events) can be associated with any portion of the underlying routes. This allows the events to be independent of where the route of begins and ends, preventing the linework split each time there is an attribute value change.

The GIS Unit of the North Carolina Department of Information Technology-Transportation (NCDIT-T) has been tasked with developing and maintaining NCDOT's Linear Referencing System. The GIS Unit employs the use of GIS spatial layers to reference LRS data to real world locations. The integration of LRS to spatial layers provides a means to analyze data using GIS methods, facilitates the creation of cartographic products, and allows the enforcement of business rules. The unit is authorized to edit the LRS to match official documentation. This also includes the capture of attributes (event data) that are referenced to the linework. The NCDOT road centerline is a spatial representation of official documentation of what roads or sections of roads are physically maintained by the State.Changes to the spatial representation of the road centerline for NCDOT are authorized by the NC Board of Transportation or other business units within NCDOT.

Editing of the LRS at NCDOT is performed by multiple contributing business unit data owners. This designates it as an enterprise GIS data editing system. The GIS Unit at NCDIT-T modifies the LRS Network routes by creating, editing, or retiring based on official change notification from various NCDOT sources. Once the routes have been edited, business units may update their event data as found on the routes based on the same or additional documentation. Business units edit the LRS events using Esri's ArcGIS Event Editor, a map-centric web app that supports linear referenced event data editing via feature services. Some events are also maintained by the GIS Unit at NCDIT-T. More information about Event Editor is available here:
https://enterprise.arcgis.com/en/roads-highways/latest/event-editor/what-is-event-editor.htm.

Credits

The North Carolina Department of Transportation, Division of Highways.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

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.

This data should be used for planning, maintenance, and decision-making support purposes only. It should be used only by those who fully understand the extents, limitations, and content of the data. This data should not be used for routing. The data should not be used in place of field survey or data collection efforts that are normally performed by licensed professionals and it should not replace any data collection efforts that are typically required as a part of detailed design and construction efforts.

Extent

There is no extent for this item.

Scale Range

- **Maximum (zoomed in)** 1:5,000
- **Minimum (zoomed out)** 1:50,000

Topics and Keywords

Themes or categories of the resource Location, Society, Transportation

Content type Downloadable Data

- **Export to FGDC CSDGM XML format as Resource Description** No

Theme keywords Line, Linear Referencing System, Event, Measure, Line, NCDOT, Transportation, Highway, Roads, Routes, Centerline, State Highway Network, Inventory, Traffic, Traffic Segments

- **Thesaurus**
  - **Title** User
  - **Creation date** 2016-10-13 00:00:00
  - **Publication date** 2016-10-13 00:00:00

Place keywords North Carolina

Thesaurus
Title User
Creation date 2016-10-13 00:00:00
Publication date 2016-10-13 00:00:00

Citation

- **Title** LRSE_TrafficSegment
- **Alternate titles** LRSE_TrafficStation
- **Creation date** 2016-10-13 00:00:00
- **Publication date** 2016-10-13 00:00:00

- **Presentation formats** digital map
- **FGDC geospatial presentation format** vector digital data

Citation Contacts

Responsible party - originator

- **Organization's name** North Carolina Department of Transportation, Traffic Survey Group
- **Contact's position** Traffic Data Support Specialist
- **Contact information**
  - **Phone**
    - **Voice** 919 707-0938
  - **Address**
    - **Type** physical
    - **Delivery point** 1 South Wilmington Street
    - **City** Raleigh
    - **Administrative area** NC
    - **Postal code** 27601
    - **Country** US

- **e-mail address** wsculpepper@ncdot.gov
- **Hours of service**
- **Contact instructions**

Responsible party - resource provider

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

Contact information

Address

Type physical
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
9:00am - 5:00pm Monday - Friday

Contact instructions

Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

Responsible party - point of contact

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

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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** The North Carolina Department of Transportation, Division of Highways.Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

Extents

Extent in the item's coordinate system

- **westBL** 408738.910048
- **eastBL** 3050442.249664
- **southBL** 46863.376048
- **northBL** 1039606.369840
- **exTypeCode** Yes

Resource Points of Contact

Point of contact - point of contact

- **Organization's name** North Carolina Department of Information Technology -Transportation, GIS Unit
- **Contact's position** GIS Data and Services Consultant
- **Contact information**
  - **Address**

Resource Maintenance

Resource maintenance

Update frequency continual

Scope of the updates **dataset**

- **Organization's name** North Carolina Department of Information Technology -Transportation, GIS Unit
- **Contact's position** GIS Data and Services Consultant
- **Contact information**
  - **Address**
    - **Type** physical
  - **Hours of service**
    - 9:00am - 5:00pm Monday – Friday

    - Please send an email with any issues, questions or comments regarding the data. If it is an immediate need, please call the contact number or indicate as such in the subject line in the message.

Resource Constraints

Constraints

Limitations of use

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Legal constraints

- **Limitations of use**

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Security constraints

Classification **unclassified**

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**
  - **ProjectedCoordinateSystem**
    - **WKID** 102719
    - **XOrigin** -121841900
    - **YOrigin** -93659000
    - **XYScale** 1893.9393939393938
    - **ZOrigin** -100000
    - **ZScale** 9.9999999999999982
    - **MOrigin** -100000
    - **MScale** 10000000
    - **XYTolerance** 0.00528
    - **ZTolerance** 0.20000000000000004
    - **MTolerance** 9.9999999999999995e-07
    - **HighPrecision** true
    - **LatestWKID** 2264
    - **VCSWKID** 105703
    - **LatestVCSWKID** 6360
    - **WKT**
      PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",D
      79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.1666

Reference system identifier

- **Value** 2264
- **Codespace** EPSG
- **Version** 6.12(9.0.0)

Spatial Data Properties

Vector

Level of topology for this dataset geometry only

Geometric objects

Feature class name LRSE_TrafficSegment
Object type composite
Object count 0

ArcGIS Feature Class Properties

Feature class name LRSE_TrafficSegment
Feature type Simple
Geometry type Polyline
Has topology FALSE
Feature count 0
Spatial index TRUE
Linear referencing TRUE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Completeness commission

Data quality measure reference

Measure description

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

Conformance test results

Test passed Yes

Result explanation

Pass.

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2016-10-13 00:00:00

Publication date 2016-10-13 00:00:00

Data quality report - Conceptual consistency

Data quality measure reference

Measure description

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

Conformance test results

Test passed Yes

Result explanation

Pass.

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2016-10-13 00:00:00

Publication date 2016-10-13 00:00:00

Data quality report - Quantitative attribute accuracy

Data quality measure reference

Measure description

Contributing editors are responsible for the quality control and assessment of data at the time of data entry. Additional resources may be utilized by the data owner/editor groups to assess quality of data on a more comprehensive scale. The primary tool in use for quality assessment in the NCDOT LRS Editing System is Esri's Data Reviewer extension. The quality of this data is subject to the oversight of the editing party.

Conformance test results

Test passed Yes

Result explanation

Pass.

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2016-10-13 00:00:00

Publication date 2016-10-13 00:00:00

Lineage

Lineage statement

LRS editing is done across many NCDOT business units on an enterprise system using Esri's ArcGIS Event Editor web mapping application. This dataset was originally developed by the North Carolina Department of Transportation, Traffic Survey Group in conjunction with the GIS Unit at NCDIT-T, to provide a geographic representation of Annual Average Daily Traffic (AADT) monitoring road segments in North Carolina. The GIS Unit modifies the LRS Network routes by creating, editing, or retiring based on official change notification from various NCDOT sources. Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation. Web mapping services are created from some of the events. The LRS supports systems, web applications, and geospatial data needs across NCDOT business units, as well as submittal to the Federal Highway Administration's Highway Performance Monitoring System (HPMS).

Process step

When the process occurred 2016-10-13 00:00:00

Description

Road attributes (event data) are referenced to the LRS network (routes). The event is edited by the NCDOT Traffic Survey Group in an enterprise environment using Esri's online ArcGIS Event Editor software.

Process contact - point of contact

Organization's name North Carolina Department of Transportation, Traffic Survey Group

Contact's position Traffic Data Support Specialist

Contact information

Phone

Voice 919 707-0938

Fax 919-733-9794

Address

Type physical

Delivery point 1 South Wilmington Street

City Raleigh

Administrative area NC

Postal code 27601

Country US

e-mail address wsculpepper@ncdot.gov

Hours of service

9:00am - 5:00pm Monday – Friday

Contact instructions
Please send an email with any issues, questions or comments regarding the data. If it is an immediate need, please call the contact number or indicate as such in the subject line in the message.

Process step
When the process occurred 2016-10-13 00:00:00
Description
Routes are created, edited, and/or retired based on official change notification from various NCDOT sources. Road attribute-only information is also provided to the GIS Unit. Once the routes have been edited, business units may update their data as found on the routes based on the same or additional documentation.

Process contact - resource provider
Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

Contact information
Address
Type physical
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
9:00am - 5:00pm Monday - Friday

Contact instructions
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

Process step
When the process occurred 2016-10-13 00:00:00
Description
Development and maintenance of NCDOT’s Linear Referencing System. This includes the road centerline, route network, some events, and other related spatial data.

Process contact - originator
Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

Contact information
Address
Type physical
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
9:00am - 5:00pm Monday - Friday

Contact instructions
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

Contact information

Address

Type physical
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
9:00am - 5:00pm Monday - Friday

Contact instructions
Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

Distribution format

Name File Geodatabase Feature Class
Version 10.8.1

Fields

Details for object LRSE_TrafficSegment

Type Feature Class
Row count 0
Definition
Traffic Segment

Definition source
North Carolina Department of Transportation

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.

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.

Field FromDate

Alias FromDate
Data type Date
Width 8
Precision 0
Scale 0

Field description
The date the event becomes active on the route.

Description source
NCDOT

Description of values

Dates vary.

Field ToDate

Alias ToDate
Data type Date
Width 8
Precision 0
Scale 0

Field description

The date the event is retired on the route.

Description source

NCDOT

Description of values

Dates vary.

Field EventID

Alias EventID
Data type String
Width 50
Precision 0
Scale 0

Field description

The unique ID for each event record.

Description source

NCDOT

Description of values

Values vary.

Field RouteID

Alias RouteID
Data type String
Width 255
Precision 0
Scale 0

Field description

The NCDOT eleven-digit number for each route in the network. More information explaining this route naming convention used by NCDOT is available here: https://xfer.services.ncdot.gov/gisdot/DistDOTData/Guide%20to%20the%20NCDOT%20Eleven-Digit%20Route%20Number%20-%20Rome%20Implementation.pdf

Description source
NCDOT

Description of values
Values vary.

Field FromMeasure
Alias FromMeasure
Data type Double
Width 8
Precision 0
Scale 0

Field description
The measure on the route where the beginning of the event is located. The measure is captured in miles. The precision is to the 6th decimal in the tabular column. Measure precision on the shape is to the 7th decimal.

Description source
NCDOT

Description of values
Values vary.

Field TmsID
Alias TmsID
Data type String
Width 25
Precision 0
Scale 0

Field description
The Traffic Station location ID used in Traffic Count Database System (TCDS) as a Primary Key traffic count locations.

Description source
NCDOT

Description of values
Values vary.

Field SegmentType
Alias SegmentType
Data type String
Width 25
Precision 0
Scale 0

Field description
Indicates segment type in regards to data submitted to FHWA for Highway Performance Monitoring System (HPMS) for Average Daily Traffic (AADT)and Vehicle Class (VC) data reporting.

Description source
NCDOT

List of values
Value HPMS
Description Traffic data submitted to FHWA for Highway Performance Monitoring System (HPMS) for Annual Average Daily Traffic (AADT) and Vehicle Class (VC) data reporting.
Enumerated domain value definition source NCDOT

Value Non-HPMS
Description Traffic data not submitted to FHWA for Highway Performance Monitoring System (HPMS).
Enumerated domain value definition source NCDOT

Value Local
Description Traffic segment is a local road.
Enumerated domain value definition source NCDOT

Value General
Description General traffic segment.
Enumerated domain value definition source NCDOT

Field ToMeasure
Alias ToMeasure
Data type Double
Width 8
Precision 0
Scale 0

Field description
The measure on the route where the end of the event is located. The measure is captured in miles. The precision is to the 6th decimal in the tabular column. Measure precision on the shape is to the 7th decimal.

Description source
NCDOT

Description of values
Values vary.

Field LocError
Alias LocError
Data type String
Width 100
Precision 0

Scale 0

Field description
The location error for the event. Values are generated as part of an internal Esri software QC process for the event time slice on the matching route time slice. Possible values listed below.
NO ERROR: The event measures match or are within the route measures.

MEASURE EXTENT OUT OF ROTE MEASURE RANGE: The event measures for the FromMeasure and To Measure fields (Measure fields for point events) are outside the route measures for that time slice.

PARTIAL MATCH FOR THE FROM-MEASURE: The event FromMeasure values are greater than the route FromMeasure values, i.e., if the route FromMeasure is 0 then the event FromMeasure is a negative value or the event has “slid” off the front of the route.

PARTIAL MATCH FOR THE TO-MEASURE: The event ToMeasure values are greater the route ToMeasure values, i.e., if the route ToMeasure is 1.0 then the event ToMeasure is 1.01 or the event has “slid” off the end of the route.

ROUTE LOCATION NOT FOUND: The event xy coordinates do not match the route xy coordinates. Typically this is caused by Esri’s ArcGIS Roads & Highways software not cleaning up a route edit correctly.

ROUTE NOT FOUND: The event time slice does not match the route timeslice, i.e., the event is active and the route is not active. Typically this is caused by Esri’s ArcGIS Roads & Highways software not cleaning up a route edit correctly.

ZERO LENGTH EXTENT: The event FromMeasure and ToMeasure values are the same, i.e., a point. Typically this is caused by Esri’s ArcGIS Roads & Highways software not cleaning up a route edit correctly.

Description source
NCDOT

Description of values
Values vary.

Field CreatedUser
Alias CreatedUser
Data type String
Width 255
Precision 0
Scale 0

Field description
User name who created the event record.

Description source
NCDOT

Description of values
Values vary.

Field CreatedDate

Alias CreatedDate
Data type Date
Width 8
Precision 0
Scale 0

Field description

Date event record was created.

Description source

NCDOT

Description of values

Dates vary.

Field LastEditedUser

Alias LastEditedUser
Data type String
Width 255
Precision 0
Scale 0

Field description

User name who last edited the event record.

Description source

NCDOT

Description of values

Values vary.

Field GlobalID

Alias GlobalID
Data type GlobalID
Width 38
Precision 0
Scale 0

Field description

A field of type UUID (Universal Unique Identifier) in which values are automatically assigned by the geodatabase when a row is created. The GlobalID field is necessary for maintaining object uniqueness across replicas. All feature classes and tables participating in one-way or two-way replication must contain the GlobalID field. This field is not editable and is automatically populated when it is added for existing data.

Description source

NCDOT

Description of values
Values vary.

Field VehicleClassID
Alias VehicleClassID
Data type String
Width 25
Precision 0
Scale 0

Field description
ID number of stations collecting vehicle class (VC) data. The first three digits of the ID are the SAP county code. VC data is provided for those segments where vehicle class data was collected. The VC coverage includes the National Highway System (NHS) and the NC Truck Network

Description source
NCDOT

Description of values
Values vary.

Field LastEditedDate
Alias LastEditedDate
Data type Date
Width 8
Precision 0
Scale 0

Field description
Most recent date the event record was edited.

Description source
NCDOT

Description of values
Dates vary.

Field Shape_Length
Alias Shape_Length
Data type Double
Width 8
Precision 0
Scale 0

Field description

Length of feature in internal units.

Description source
Esri

Description of values
Positive real numbers that are automatically generated.

Metadata Details

Metadata language English (UNITED STATES)

Scope of the data described by the metadata dataset
Scope name dataset

Last update 2023-10-27

ArcGIS metadata properties
Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ISO19139
Metadata style ISO 19139 Metadata Implementation Specification

Created in ArcGIS for the item 2023-10-11 11:12:30
Last modified in ArcGIS for the item 2023-10-27 10:33:25

Automatic updates
Have been performed Yes
Last update 2023-10-27 10:33:16

Metadata Contacts

Metadata contact - point of contact
Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
Contact's position GIS Data and Services Consultant

Contact information
Address
Type physical
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
9:00am - 5:00pm Monday - Friday

Contact instructions
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Metadata Maintenance

Maintenance

Update frequency
as needed

Scope of the updates
dataset

Maintenance contact - point of contact

Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit

Contact's position GIS Data and Services Consultant

Contact information

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area North Carolina

Postal code 27610

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Metadata Constraints

Constraints

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Security constraints

Classification unclassified

Classification system None

Limitations of use

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.

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Thumbnail and Enclosures

Thumbnail

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