

NCDOT 2019 Annual Average Daily Traffic & Vehicle Class Segments, North Carolina Department of Transportation, Prioritization 7.0, July 2023

File Geodatabase Feature Class



Tags

Average Annual Daily Traffic Estimates (AADT), Traffic, Trucks, Truck Volume Percentage, Strategic Planning Office of Transportation, P7, Prioritization 7.0, Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

Summary

The Annual Average Daily Traffic (AADT) and Vehicle Class layer includes what has been submitted to FHWA for Highway Performance Monitoring System (HPMS) in 2019.

Description

The feature class provided for P7 Prioritization is the same data being published by the NCDOT to report 2019 AADT and VC statistics for HPMS and State uses. The data provided for P7 includes the Peak Average Daily Traffic (PADT) statistic developed jointly by NCDOT and the Institute for Transportation Research and Education (ITRE) at NC State University. In general, this statistic is an estimate of the monthly average daily traffic for the peak month of the year on a route. It provides an estimate of the relative level of demand experienced during a peak travel period. Refer to documentation developed by ITRE for more information regarding its development and methodology for estimating PADT. A PADT estimate is provided for all routes that are monitored for AADT except for ramps or federally owned routes.

The AADT & VC feature class is a segment feature class of Annual Average Daily Traffic (AADT) and Vehicle Class (VC) estimates. This data resource includes what has been submitted to FHWA for Highway Performance Monitoring System (HPMS) for AADT and VC data reporting for 2019. We report AADT on all highways functionally classified (FC) above Local. A full coverage is provided for these routes where AADT segmentation is based on network configuration, travel patterns, and land use. Data is provided for ramps also. The ramp data is not a complete segment coverage but all major traffic flows at interchanges are reported. Where divided highways occur, the AADT estimates are for both directions but referenced on the inventory direction. There are 31,142 traffic segments maintained (labeled "Maint" in the SOURCE field).

Supplemental AADT are provided on the routes that are Local FC. These are not maintained in the maintenance table described above. A reference was generated through a spatial join between the monitoring station point and the LRS Arc it falls on. The extent of highway this AADT represents has not been determined. This process captures the AADT for Local routes into the published table without requiring a comprehensive maintenance process. The AADT on Local routes may extend beyond the arc used to report it. The user must exercise their own judgment in determining the limits of an AADT in this case (labeled "Supp" in the SOURCE field). There are 16,087 references that are supplemented using this method.

VC data is provided for those segments where vehicle class data was collected. Truck volume data is collected at stations and the volumes are annualized. Annualized truck percentages for Single Unit (SU) and Multi Unit (MU) trucks are generated from this data. These truck percentages are applied to the 2019 AADT estimates to generate 2019 truck volume estimates. The truck percentage and volume estimates are provided in the feature class data. The VC coverage includes the National Highway System (NHS) and the NC Truck Network. VC data is not collected on routes not part of these systems and they do not have truck statistics.

The referencing provided is based on the 2020 Quarter 1 publication of the NCDOT Linear Referencing System (LRS) maintained by the GIS Unit. This is the official 2019 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 2019. Differences in the arcs and references will be found when using other quarterly publications with this data set.

Attribute Table Fields

The traffic data provided is seasonally factored to an estimate of an annual average of daily traffic. The statistics provided are:

Data was manipulated specifically for P7, including removing attributes, renaming fields, and creating new fields. The fields used for P7 are as follows :

Rte_ID:GIS 11 digit unique route identifier

BegMP1: Route milepost at the beginning of the reference

EndMP1: Route milepost at the end of the reference

AADT:Estimated Annual Average Daily Traffic in vehicles per day for 2019

PADT:Estimated Peak Average Daily Traffic in vehicles per day for 2019

AADTT:Estimated annual average daily total trucks in vehicles per day for 2019

Truck_Pct: Estimated percentage of daily total trucks per day for 2019 calculated by $AADTT/AADT$

TruckPercent: Estimated percent of daily total trucks per day for 2019 calculated by $AADTT/AADT * 100$

The segment location data are suitable for relating the AADT/VC data with other data by:

1. Spatial association using the arcs
2. Event association by using the Route/Mileposts

For further information about domains and fields used in SPOT see the SPOT P7 Domains document here:

<https://xfer.services.ncdot.gov/gisdot/metadata/spot/NCDOT%20SPOT%20Prioritization%207%20Online%20omain%20Reference.pdf>

If additional information is needed, or an issue with the data is identified, please contact Kent Taylor at (919) 218-4049 or email at ktaylor@ncdot.gov.

Credits

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT)

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.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Extent

West -84.420862 **East** -75.422466

North 36.606219 **South** 33.754173

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

PLACE KEYWORDS North Carolina

THESAURUS ▶

TITLE User

PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Average Annual Daily Traffic Estimates, Traffic, Trucks, AADT, Truck Volume Percentage, Strategic Planning Office of Transportation, P7, Prioritization 7.0, Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

THESAURUS ▶

TITLE User

PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE NCDOT 2019 Annual Average Daily Traffic & Vehicle Class Segments, North Carolina Department of Transportation, Prioritization 7.0, July 2023

PUBLICATION DATE 2023-07-17 00:00:00

PRESENTATION FORMATS * digital map

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ►

PHONE

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FAX 919.707.2210

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COUNTRY US

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HOURS OF SERVICE

8am-5pm,M-F

CONTACT INSTRUCTIONS

Phone or email

Hide Contact information ▲

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE originator

CONTACT INFORMATION ►

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VOICE 919.707.4742

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TYPE postal

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Hide Contact information ▲

Hide Citation Contacts ▲

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

CREDITS

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT)

[Hide Resource Details ▲](#)

Extents ►

EXTENT

TEMPORAL EXTENT

DATE AND TIME 2019-09-01 00:00:00

VERTICAL EXTENT

* MINIMUM VALUE -4.799952

* MAXIMUM VALUE 6576.500048

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -84.420862

* EAST LONGITUDE -75.422466

* NORTH LATITUDE 36.606219

* SOUTH LATITUDE 33.754173

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 406980.080163

* EAST LONGITUDE 3050733.749994

* SOUTH LATITUDE 43589.059998

* NORTH LATITUDE 1039606.369797

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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CONTACT INSTRUCTIONS
Phone or email

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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

SCOPE OF THE UPDATES dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE originator

CONTACT INFORMATION ►

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Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM none

LIMITATIONS OF USE

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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 3048.0060960121918

Z ORIGIN -13893.16915199998

Z SCALE 10000

M ORIGIN -1031.803347200005

M SCALE 10000

XY TOLERANCE 0.0032808333333333331

Z TOLERANCE 0.0032808333333333331

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

VCSWKID 105703

LATESTVCSWKID 6360

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",2000000.0026166666],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]],VERTCS["NAVD_1988_Foot_US",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]

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 AADT
- * OBJECT TYPE composite
- * OBJECT COUNT 40615

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME AADT
- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 40615
- * 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 ▲](#)

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►

- CONFORMANCE TEST RESULTS
- TEST PASSED Yes
- RESULT EXPLANATION

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. Quality checks were performed by the Strategic Prioritization Office of Transportation (SPOT) and the North Carolina Department of Transportation Geographic Information Systems Unit and errors were accepted as within business range or identified as exceptions.

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

PUBLICATION DATE 2019-09-01 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

Quality checks were performed and errors were accepted as within business range or error or identified as exceptions.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

pass

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

PUBLICATION DATE 2019-09-01 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ▶

LINEAGE STATEMENT

The referencing provided is based on the 2019 Quarter 1 publication of the NCDOT Linear Referencing System (LRS) maintained by the GIS Unit. This is the official 2018 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 2018. Differences in the arcs and references will be found when using other quarterly publications with this data set. The data was further manipulated by the North Carolina Department of Transportation Geographic Information Systems Unit and/or the North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT) to produce the required data for Prioritization 6.0.

PROCESS STEP ▶

DESCRIPTION

Metadata is updated for publication

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2019-10-07 00:00:00

DESCRIPTION

The AADT & VC shapefile is a segment shapefile of Annual Average Daily Traffic (AADT) and Vehicle Class (VC) estimates.

PROCESS CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ▶

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VOICE 919.707.2165

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HOURS OF SERVICE

8am-5pm,M-F

CONTACT INSTRUCTIONS

Phone or email

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2019-10-07 00:00:00

DESCRIPTION

The North Carolina Department of Transportation Geographic Information Systems Unit placed the data into ArcGIS 10.3 to process and create the desired product for the Strategic Prioritization Office of Transportation (SPOT).

PROCESS CONTACT

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE resource provider

CONTACT INFORMATION ▶

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CONTACT INSTRUCTIONS

Phone or email

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

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

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

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CONTACT INSTRUCTIONS

Phone or email

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION ArcGIS 10.3

* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT AADT ►

* TYPE Feature Class

* ROW COUNT 40615

DEFINITION SOURCE

NCDOT

DEFINITION

Annual Average Daily Traffic and Vehicle Class

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 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 BegMP1 ►

- * ALIAS BegMP1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route milepost at the beginning of the reference

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

List of beginning mileposts of each segment

[Hide Field BegMP1 ▲](#)

FIELD EndMP1 ►

- * ALIAS EndMP1
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Route milepost at the end of the reference

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

List of ending mileposts of each segment

[Hide Field EndMP1 ▲](#)

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.

Hide Field Shape_Length ▲

FIELD Truck_Pct ►

- * ALIAS Truck_Pct
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Estimated percentage of daily total trucks per day for 2019 calculated by AADTT/AADT

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Calculated raw Truck Percent of each segment

Hide Field Truck_Pct ▲

FIELD TruckPercent ►

- * ALIAS TruckPercent
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Estimated percent of daily total trucks per day for 2019 calculated by AADTT/AADT * 100

DESCRIPTION SOURCE

Kent Taylor

DESCRIPTION OF VALUES

Calculated Truck Percent of each segment

Hide Field TruckPercent ▲

FIELD Rte_ID ►

- * ALIAS Rte_ID
- * DATA TYPE String
- * WIDTH 11
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The 11-digit route number is a route naming convention used by NCDOT

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Positive real numbers that are manually generated

Hide Field Rte_ID ▲

FIELD AADT ►

- * ALIAS AADT
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Estimated Annual Average Daily Traffic in vehicles per day for 2019

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Unrepresentable Domain

Hide Field AADT ▲

FIELD AADTT ►

- * ALIAS AADTT
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Estimated annual average daily total trucks in vehicles per day for 2019

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Unrepresentable Domain

Hide Field AADTT ▲

FIELD PADT ►

- * ALIAS PADT
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Estimated Peak Average Daily Traffic in vehicles per day for 2019

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Unrepresentable Domain

[Hide Field PADT ▲](#)

[Hide Details for object AADT ▲](#)

[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 2024-02-26

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2023-12-06 09:06:47
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-02-26 15:52:12

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2024-02-26 15:52:12

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2017-05-22 06:43:44
TO \\TSU-299686L\C\$\Arcdata\2016_LRS\P5\DRAFT\P5_BASE_V2_TRAFFICCopy
FROM C:\Arcdata\2016_LRS\P5\DRAFT\P5_BASE_V2_TRAFFIC

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit
CONTACT'S POSITION GIS Help Desk
CONTACT'S ROLE resource provider

CONTACT INFORMATION ►

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

CONTACT INSTRUCTIONS
Phone or email

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY annually

SCOPE OF THE UPDATES dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit
CONTACT'S POSITION GIS Help Desk
CONTACT'S ROLE point of contact

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[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

CONSTRAINTS

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LEGAL CONSTRAINTS

LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM none

LIMITATIONS OF USE

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