StructuresPoint, 4th Quarter 2025 - NC Department of Transportation

Geodatabase Feature Class

Tags Bridge, Pipe, Culvert, Bridge Maintenance Unit, SIP, SDV, Structures

Summary

Provide all currently-inventoried NC bridge structures in one consistent format for query and display.

Description

Point file representing North Carolina bridges and other structures, extracted and attributed by the NCDOT Bridge Maintenance Unit's bridge database.

Credits

The bridge layer is a compilation of data originally found in the Bridge Inventory maps produced by the Mapping group of the State Road Maintenance Unit which has been supplemented with updates from the bridge database of the NCDOT's Bridge Maintenance Unit.

Use limitations

The availability and accuracy of the bridge dataset is dependent upon an ongoing process of integration between the NCDIT GIS Unit and the Bridge Maintenance Unit's bridge database. Discrepancies may exist since the frequency with which the sources are updated is not the same among the different groups. Please take this into account prior to utilizing the GIS bridge layer.

Extent

West -98.233952
East -0.042129
North 83.767023
South 33.769569

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

Topics and Keywords

Themes or categories of the resource Environment, Inland Waters, Location, Planning & Cadastral, Structure, Transportation

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords Bridge, Pipe, Culvert, Sign, bridge maintenance, Structures Management Unit, structures

Place keywords North Carolina

Temporal keywords Bridges - 4th Quarter 2025, Roads - 3rd Quarter 2025

Citation

Title StructuresPoint, 4th Quarter 2025 - NC Department of Transportation
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Presentation formats digital map

Citation Contacts

Responsible party - point of contact

Individual's name GIS Help Desk
Organization's name NCDIT GIS Unit

Contact information

Phone

Fax 919.707.2210
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Address

Type physical
Delivery point Century Center Building B, 1020 Birch Ridge Drive
City Raleigh
Administrative area NC
Postal code 27604
Country US
e-mail address gishelp@ncdot.gov

Hours of service
8 am to 5 pm, M-F

Contact instructions

For further information about bridge attributes, contact Cary Clemmons of the Bridge Maintenance Unit, at (919) 707-6458 or cclemmons@ncdot.gov

Resource Details

Dataset languages English (UNITED STATES)
Dataset character set utf8 - 8 bit UCS Transfer Format

Status on-going
Spatial representation type vector

Supplemental information

*****This bridge layer contains many kinds of structures currently maintained by the Structures Maintenance Unit (SMU) of the NCDOT. They reflect an ongoing attempt by the NCDIT GIS Unit to portray the traffic-carrying structures found in the NCDOT SMU's Bridge Database and shown in the GIS Bridge layer in as timely a manner as possible. Until such time as the GIS Unit can approximate the maintenance schedule of the SMU, the GIS layer may not accurately reflect the structures currently in service or the additions and deletions to the Bridge Inventory system which are performed on a daily basis by the SMU.*****

Due to changes to the WIGINS database maintained by NCDOT Structures Management Unit, the Sufficiency Rating and Structural Deficiency items are no longer calculated and are dropped from this GIS Structures layer as of the 3rd Quarter of 2023. The NHS, National Truck Network and Defense Network fields have also been dropped as of this same quarter. Equivalent values for the last 3 attributes can be found within the NCDIT GIS Unit's NCRouteCharacteristics linework. For further information, please contact the NCDOT Structures Management Unit.

Older attribute changes:
The GIS Unit adopted a new, 11-digit route-county number for their linework, replacing the 10-digit route-county number. This number is created by adding "1" to the previous county code numbers and adding leading zero(es) where needed to make up 3 digits. This new route number is now found in the RTE_ID field (with alias "Route ID" for GDB users). The 8-digit route-only attribute (Route) has been maintained.

All TIER-related fields were removed for the 1st Quarter 2016 release. TIER values are no longer being utilized or maintained by the NCDOT.

Sign structures have been included in the data release since 1st Quarter 2016. These structures include Overhead, Cantilever and T-Pole signs. Points for Cantilever and T-Pole signs are snapped to the route closest to the main pole of the sign. Points for Overhead signs are snapped to the inventory direction of the route passing under the sign.

2 new fields added for the 1st Qtr 2015 release:
- GOOGLE_LINK - this field contains a hyperlink that will spawn a Google map location centered on the selected structure. Users should select the lightning-bolt shaped "Hyperlink" tool in ArcMap in order to utilize this field. SDV users can do an "Identify" on the structure, followed by a click on this hyperlink field to create a Google map.

- MAINT_RESP - this is a new field indicating the agency with maintenance responsibility for the structure and can be used to indicate the difference between city or state maintenance for a structure. The main code indicating state maintenance is "01," while the main code for city maintenance is "04," although there are other codes for both. Please see the metadata entry for this field for a list of current enumerated codes and associated agencies.

Following the introduction of the new MAINT_RESP field, structures were renamed to remove the "CITY" designation in the BRDG_TYP_NM field. Users can now distinguish city types by using the MAINT_RESP code described above. BRDG_TYP_NM will now only contain the name of the structure type and no information concerning maintenance responsibility.

Please refer to the Attribute section of this metadata for more information on these and other attributes, as well as descriptions of the values.

Item names for 4 of the fields in the shapefile and derived tables have changed to match the item names found in the map services. The names changed are:
BRIDGE_NUM changed to BRDG_NBR;
TYPE changed to BRDG_TYP_NM, which will be truncated in the shapefile to BRDG_TYP_N;
BSIP_BNUM changed to BSIP_BRDG_NUM, which will be truncated in the shapefile to BSIP_BRDG_;

ServiceOn has been capitalized to SERVICEON.

Many fields were previously added to the bridge layer for customer use. These include:
Coordinate information fields - X,Y coordinates in NAD 83 Stateplane Feet have been added, along with latitude/longitude coordinates in Geographic Decimal Degrees. Route-milepost information has also been included. Please note the milepost value is derived from the RTE_ID field - this 10-digit field is a concatenation of the 8-digit ROUTE number and the 2-digit county number and there are a small number of instances across the state where the county number may differ from the COUNTY name carried by the BMU Bridge Database. These are usually cases of structures on or very near a county line and the structure's location along a route may differ from the county assigned by the bridge database.

Many fields from the bridge database have been added to make the shapefile (downloadable from the GIS Unit's Data Distribution page) the equivalent of the bridge map service found in the Spatial Data Viewer (SDV). These include functional class designations, sufficiency ratings, and posted weight values.

Added TYPEs include PAVEMENT ON PILES. FEDERAL BRIDGE replaces "Gov't Bridge;" FERRY RAMP replaces "Ferry;" and all TYPE values are now capitalized.

The Verification field was dropped. All structure points have been compared to the latest imagery available at the time of review and visually verified except for the newest structures under construction which don't appear yet in any imagery. These structures can't be verified until the imagery and linework have been updated. The GIS Unit does NOT guarantee accurate placement of the structure points, but does try to use all available information at the time of review to accomplish it.

RD_ANGLE and STR_ANGLE were added to the layer. RD_ANGLE is the tangent angle of the road closest to the structure point. The STR_ANGLE is the angle of the structure relative to the road at that same point. Many structure types will parallel the road (these structures can be found by selecting for "RD_ANGLE = STR_ANGLE"). Other structure types may cross the road perpendicularly (culverts, pipes, railroads, and walkways). Most of these are calculated to be 90-degrees off the RD_ANGLE value, although some may have values assigned manually during spatial reviews. The STR_ANGLE can be used to assign angled symbols for structure display on maps - be aware, however, that many symbols may need to have their default angles adjusted in their layer's Properties before the value stored in STR_ANGLE can display the symbol accurately.

AADT (Average Annual Daily Traffic) and AADT_YR added 2nd Quarter 2024 - derived from the most recently published layer from the Traffic Surveys Unit; used along the inventory direction for non-sign points. Be aware that linework can change frequently throughout the year and may not match the original AADT Traffic Count Segments that were used as the source for this value. It is recommended to download and use the AADT Segments layer in conjunction with this layer if AADT counts are important. It is up to the user to recognize when the linework sources (roads and traffic segments) differ and confirm the values placed on structures from the traffic segments layer.

Processing environment

Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Credits

The bridge layer is a compilation of data originally found in the Bridge Inventory maps produced by the Mapping group of the State Road Maintenance Unit which has been supplemented with updates from the bridge database of the NCDOT's Bridge Maintenance Unit.

ArcGIS item properties

Name NCDOTStructureLocationsPoint

Location file://\\DOT\DFSROOT01\GROUPS-GISCC\GIS-SpatialDataMgmt\Maintenance\QuarterlyDataRefresh\Structures\2025Q4\Review\NCDOTStructureLocationsPoint.gdb

Access protocol Local Area Network

Extents

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -98.233952

East longitude -0.042129

North latitude 83.767023

South latitude 33.769569

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 412590.971172

eastBL 3050215.764481

southBL 48904.610063

northBL 1042512.618249

exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

Individual's name GIS Help Desk

Organization's name NCDIT GIS Unit

Contact information

Phone

Voice 919.707.2165

Fax 919.707.2210

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address gishelp@ncdot.gov

Hours of service

8 am to 5 pm, M-F

Contact instructions

For further information about bridge attributes, contact Cary Clemmons of the Bridge Maintenance Unit, at (919) 707-6458 or cclemmons@ncdot.gov

Resource Maintenance

Resource maintenance

Update frequency
quarterly

Other maintenance requirements
Time Period of content: 4th Quarter 2025 (source table date 01/26/2026) - Bridges
3rd Quarter 2025 - NCRoutes for route-MP references

Resource Constraints

Constraints

Limitations of use

The availability and accuracy of the bridge dataset is dependent upon an ongoing process of integration between the NCDIT GIS Unit and the Bridge Maintenance Unit's bridge database. Discrepancies may exist since the frequency with which the sources are updated is not the same among the different groups. Please take this into account prior to utilizing the GIS bridge layer.

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 3048.0060960121928
ZOrigin -100000
ZScale 10000
MOrigin -100000
MScale 10000
XYTolerance 0.0032808333333333331
ZTolerance 0.001
MTolerance 0.001
HighPrecision true
LatestWKID 2264
WKT

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",36.166666666666666],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)

Spatial Data Properties

Vector

Level of topology for this dataset geometry only

Geometric objects

Feature class name NCDOTStructureLocationsPoint
Object type point
Object count 23032

ArcGIS Feature Class Properties

Feature class name NCDOTStructureLocationsPoint
Feature type Simple
Geometry type Point
Has topology FALSE
Feature count 23032
Spatial index TRUE
Linear referencing FALSE

Data Quality

Scope of quality information

Resource level attribute

Data quality report - Quantitative attribute accuracy

Quality evaluation procedure

Evaluation method

There are no measurement, precision, spatial, or data schema standards assigned to this dataset.

Data quality report - Conceptual consistency

Quality evaluation procedure

Evaluation method

There are no measurement, precision, spatial, or data schema standards assigned to this dataset.

Data quality report - Completeness omission

Quality evaluation procedure

Evaluation method

There are no measurement, precision, spatial, or data schema standards assigned to this dataset.

The bridge layer contains many kinds of structures currently maintained by the Structures Management Unit of the NCDOT. They reflect an ongoing integration between the structures found in the GIS bridge layer and the bridge database maintained by the Structures Management Unit. As such, the GIS layer may not accurately reflect the structures currently in service or the additions and deletions to the Bridge Inventory system which are performed on a daily basis.

Data quality report - Absolute external positional accuracy

dimension horizontal

Quality evaluation procedure

Evaluation method

Structures were compared for accuracy against the most current imagery and against field inspection reports where necessary. Structure points are snapped to the relevant state-maintained routes in the center of the structures where possible. In the case of intersecting, non-divided routes, the structure point is snapped to the routes' intersection point. In the case of divided highways, the structure point is snapped to the intersection of the inventory sides of the routes. Otherwise, there are no measurement, precision, spatial, or data schema standards assigned to this dataset.

Lineage

Lineage statement

x,y-coordinate values were collected from Microstation DGN's used in the layout of the Bridge Inventory Maps. These x,y-coordinates were matched to a copy of the Bridge Database supplied by the NCDOT SMU which contained all structures. Matching structures were placed by these x,y-coordinates utilizing the Add XY Data tool in ArcMap. Non-matching structures were extracted and placed using their latitude/longitude values. The two datasets were then merged into one dataset under the NAD83 Stateplane Feet projection, and a process was started to review the positional accuracy of all bridges placed via latitude/longitude and to confirm other structures as deemed necessary.

Quarterly, the GIS Unit requests a bridge database update from SMU and compares this update against the existing GIS Bridge layer. Non-matching structure records are sorted according to whether they are additions or deletions compared to the existing bridge layer. Deletions are removed to a separate layer and additions are merged into the existing layer, followed by a period of review using the latest imagery for location verification. Coordinate information (X,Y's, lat/long's and route-MP's) are updated following this verification.

Because of timing issues, the current quarter's bridge mileposts are usually based on the previous quarter's linework.

Distribution

Distributor

Contact information - point of contact

Individual's name GIS Help Desk

Organization's name NCDOT GIS Unit

Contact information

Phone

Voice 919.707.2165
Fax 919.707.2210

Address

Type physical
Delivery point Century Center Building B, 1020 Birch Ridge Drive
City Raleigh
Administrative area NC
Postal code 27604
Country US
e-mail address gishelp@ncdot.gov

Hours of service

8 am to 5 pm, M-F

Contact instructions

For further information about bridge attributes, contact Cary Clemmons of the Bridge Maintenance Unit, at (919) 707-6458 or cclemmons@ncdot.gov

Distribution format

Name File Geodatabase Feature Class
Version ArcGIS 10.1

Fields

Details for object NCDOTStructureLocationsPoint

Type Feature Class
Row count 23032

Definition

Bridges and other structures along NC highways

Definition source

NCDOT Structures Management Unit

Field BRDG_NBR

Alias Bridge Number
Data type String
Width 8
Precision 0
Scale 0

Field description

2-digit county number + 4-digit bridge number

Description source

NCDOT Structures Management Unit

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 COUNTY

Alias County
Data type String
Width 15
Precision 0
Scale 0

Field description

County name

Description source

NCDOT Structures Management Unit

Field F_CARRIED

Alias F_CARRIED
Data type String
Width 50
Precision 0
Scale 0

Field description

Facility carried by the structure - highways, railroads, etc

Description source

NCDOT Structures Management Unit

Field BRDG_TYP_NM

Alias Bridge Type

Data type String
Width 25
Precision 0
Scale 0

Field description
Structure type

Description source
NCDOT Structures Management Unit

Field FTR_INTRSC
Alias FTR_INTRSC
Data type String
Width 50
Precision 0
Scale 0

Field description
Feature intersected by the structure - streams, river, highways, etc

Description source
NCDOT Structures Management Unit

Field DIVISION
Alias DIVISION
Data type String
Width 2
Precision 0
Scale 0

Field description
Division number

Description source
NCDOT Structures Management Unit

Field ROUTE
Alias Route
Data type String
Width 10
Precision 0
Scale 0

Field description
8-digit route number on which structure is located; may be empty for non-verified bridges

Description source
NCDIT-T GIS Unit

Field FUNC_OBSOL
Alias FUNC_OBSOL
Data type String
Width 5
Precision 0
Scale 0

Field description
Functional obsolescence

Description source
NCDOT Structures Management Unit

Field DETOUR_LEN
Alias DETOUR_LEN
Data type String
Width 5
Precision 0
Scale 0

Field description
Detour length

Description source
NCDOT Structures Management Unit

Field FUNC_CLASS
Alias FUNC_CLASS
Data type String
Width 60
Precision 0
Scale 0

Field description
Functional class

Description source
NCDOT Structures Management Unit

Field POSTED_SV

Alias POSTED_SV
Data type Integer
Width 4
Precision 0
Scale 0

Field description

Posted weight limit, single vehicle

Description source

NCDOT Structures Management Unit

Field STRTYPMAIN

Alias STRTYPMAIN
Data type String
Width 5
Precision 0
Scale 0

Field description

Structure type main

Description source

NCDOT Structures Management Unit

Field SUPERSTRUC

Alias SUPERSTRUC
Data type String
Width 100
Precision 0
Scale 0

Field description

Superstructure

Description source

NCDOT Structures Management Unit

Field BSIP_BRDG_NBR

Alias BSIP Bridge Number
Data type String
Width 8

Precision 0
Scale 0

Field description
3-digit county number + 4-digit bridge number

Description source
NCDIT-T GIS Unit

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

Field description
Calculated X coordinate in NAD83 Stateplane Feet

Description source
NCDIT-T GIS Unit

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

Field description
Calculated Y coordinate in NAD83 Stateplane Feet

Description source
NCDIT-T GIS Unit

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

Field description
Calculated Longitude value in Geographic decimal degrees

Description source
NCDIT-T GIS Unit

Field SUBSTRUCTU
Alias SUBSTRUCTU
Data type String
Width 100
Precision 0
Scale 0

Field description
Substructure

Description source
NCDOT Structures Management Unit

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

Field description
Calculated Latitude value in Geographic decimal degrees

Description source
NCDIT-T GIS Unit

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 ServiceOn

Alias ServiceOn
Data type String
Width 3
Precision 0
Scale 0

Field description

The type of service offered by the bridge, used in determining traffic-carrying structures (codes 1, 4, 5, 6, 7, 8 carry traffic)

Description source

NCDOT Structures Management Unit

List of values

Value 1
Description Highway
Enumerated domain value definition source NCDOT Structures Management Unit

Value 2
Description Railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 3
Description Pedestrian-bicycle
Enumerated domain value definition source NCDOT Structures Management Unit

Value 4
Description Highway-railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 5
Description Highway-pedestrian
Enumerated domain value definition source NCDOT Structures Management Unit

Value 6
Description Overpass structure at an interchange or second level of a multilevel interchange
Enumerated domain value definition source NCDOT Structures Management Unit

Value 7
Description Third level (Interchange)
Enumerated domain value definition source NCDOT Structures Management Unit

Value 8
Description Fourth level (Interchange)
Enumerated domain value definition source NCDOT Structures Management Unit

Value 9
Description Building or plaza
Enumerated domain value definition source NCDOT Structures Management Unit

Value 0
Description Other
Enumerated domain value definition source NCDOT Structures Management Unit

Field POSTED_TTST

Alias POSTED_TTST
Data type Integer
Width 4
Precision 0
Scale 0

Field description

Posted weight limit, tractor trailer, semi-truck

Description source

NCDOT Structures Management Unit

Field RD_ANGLE

Alias RD_ANGLE
Data type Double
Width 8
Precision 0
Scale 0

Field description

Calculated angle of the road at the point closest to the structure (the tangent angle).

Description source

NCDIT GIS Unit

Field STR_ANGLE

Alias STR_ANGLE
Data type Double
Width 8
Precision 0
Scale 0

Field description
Calculated angle of the structure relative to the road; many types will parallel the road (RD_ANGLE = STR_ANGLE), others may cross the road perpendicularly (culverts, pipes, railroads, and walkways). Most of the perpendicular structures are calculated to be 90-degrees off the RD_ANGLE value.

Description source
NCDIT-T GIS Unit

Field ServiceUnder
Alias ServiceUnder
Data type String
Width 3
Precision 0
Scale 0

Description source
NCDOT Structures Management Unit

Field description
The type of service offered by the route passing under the bridge

List of values
Value 1
Description Highway, with or without pedestrian
Enumerated domain value definition source NCDOT Structures Management Unit

Value 2
Description Railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 3
Description Pedestrian-bicycle
Enumerated domain value definition source NCDOT Structures Management Unit

Value 4
Description Highway-railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 5
Description Waterway
Enumerated domain value definition source NCDOT Structures Management Unit

Value 6
Description Highway-waterway
Enumerated domain value definition source NCDOT Structures Management Unit

Value 7
Description Railroad-waterway
Enumerated domain value definition source NCDOT Structures Management Unit

Value 8
Description Highway-waterway-railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 9
Description Relief for waterway
Enumerated domain value definition source NCDOT Structures Management Unit

Value 0
Description Other
Enumerated domain value definition source NCDOT Structures Management Unit

Field MP

Alias MP
Data type Double
Width 8
Precision 0
Scale 0

Description source
NCDIT-T GIS Unit

Field description
Milepost of the structure along the indicated ROUTE

Field GOOGLE_LINK

Alias GOOGLE_LINK
Data type String
Width 150
Precision 0
Scale 0

Field description
Hyperlink to Google Maps showing structure selected; calculated from the LAT_DD and LONG_DD fields

Description source
NCDIT-T GIS Unit

Field RTE_ID

Alias Route ID

Data type String
Width 12
Precision 0
Scale 0

Field description
11-digit route & county number, used for routing purposes

Description source
NCDIT-T GIS Unit

Field MAINT_RESP
Alias Maintenance Responsibility
Data type String
Width 2
Precision 0
Scale 0

Field description
The actual name(s) of the agency(s) responsible for the maintenance of the structure. Values enumerated below are for the currently-existing codes in the database, as of 1st Qtr 2015

Description source
NCDOT Structures Management Unit

List of values
Value 01
Description State Highway Agency
Enumerated domain value definition source NCDOT Structures Management Unit

Value 04
Description City or Municipal Highway Agency
Enumerated domain value definition source NCDOT Structures Management Unit

Value 11
Description State Park, Forest, or Reservation Agency
Enumerated domain value definition source NCDOT Structures Management Unit

Value 21
Description Other State Agencies
Enumerated domain value definition source NCDOT Structures Management Unit

Value 25
Description Other Local Agencies
Enumerated domain value definition source NCDOT Structures Management Unit

Value 26
Description Private (other than railroad)
Enumerated domain value definition source NCDOT Structures Management Unit

Value 27
Description Railroad
Enumerated domain value definition source NCDOT Structures Management Unit

Value 31
Description State Toll Authority
Enumerated domain value definition source NCDOT Structures Management Unit

Value 60
Description Other Federal Agencies (not listed below)
Enumerated domain value definition source NCDOT Structures Management Unit

Value 66
Description National Park Service
Enumerated domain value definition source NCDOT Structures Management Unit

Value 70
Description Corps of Engineers (Civil)
Enumerated domain value definition source NCDOT Structures Management Unit

Value 02
Description County Agency
Enumerated domain value definition source NCDOT Structures Management Unit

Field AADT

Alias AADT
Data type Integer
Width 4
Precision 0
Scale 0

Field description

Average Annual Daily Traffic derived from the most recently published layer from the Traffic Surveys Unit; used along the inventory direction for non-sign points. Be aware that linework can change frequently throughout the year and may not match the original AADT Traffic Count Segments that were used as the source for this value. It is recommended to download and use the AADT Segments layer in conjunction with this layer if AADT counts are important. It is up to the user to recognize when the linework sources (roads and traffic segments) differ and confirm the values placed on structures from the traffic segments layer.

Description source

NCDOT Traffic Surveys Unit

Field AADT_YR

Alias AADT_YR
Data type SmallInteger
Width 2
Precision 0
Scale 0

Field description

Year of the most recent AADT count.

Description source

NCDOT Traffic Surveys Unit

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 2026-02-05

ArcGIS metadata properties

Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ISO19139
Metadata style FGDC CSDGM Metadata

Created in ArcGIS for the item 2023-08-03 06:34:10
Last modified in ArcGIS for the item 2026-02-05 14:20:28

Automatic updates

Have been performed Yes
Last update 2026-02-05 14:20:28

Metadata Contacts

Metadata contact - point of contact

Individual's name GIS Help Desk
Organization's name NCDIT GIS Unit

Contact information

Phone

Voice 919.707.2165
Fax 919.707.2210

Address

Type physical
Delivery point Century Center Building B, 1020 Birch Ridge Drive
City Raleigh
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Hours of service
8 am to 5 pm, M-F

Contact instructions
For further information about bridge attributes, contact Cary Clemmons of the Bridge Maintenance Unit, at (919) 707-6458 or cclemmons@ncdot.gov

Metadata Maintenance

Maintenance
Update frequency quarterly

Metadata Constraints

Constraints
Limitations of use
Neither the North Carolina Department of Transportation nor the North Carolina Department of Information Technology 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.

Legal constraints
Other constraints
Neither the North Carolina Department of Transportation nor the North Carolina Department of Information Technology 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.

Thumbnail and Enclosures

Thumbnail
Thumbnail type
Image file