

# StructuresPoint, 1st Quarter 2026 - 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 - 1st Quarter 2026, Roads - 4th Quarter 2025

## Citation

**Title** StructuresPoint, 1st Quarter 2026 - NC Department of Transportatio

**Publication date** 2026-05-04 00:00:00

**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

**Voice** 919.707.2165

##### Address

**Type** physical

**Delivery point** Century Center Building B, 1020 Birch Ridge Drive

**City** Raleigh

**Administrative area** NC

**Postal code** 27610

**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 clemmons@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 NCRRouteCharacteristics 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.

## 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** 27610

**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 clemmons@ncdot.gov

## Resource Maintenance

### Resource maintenance

**Update frequency** quarterly

#### Other maintenance requirements

Time Period of content: 1st Quarter 2026 (source table date 04/07/2026) - Bridges

4th 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



## 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

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**e-mail address** gishelp@ncdot.gov

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#### Contact instructions

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## Distribution format

**Name** File Geodatabase Feature Class

**Version** ArcGIS 10.1

## Fields

## Details for object NCDOTStructureLocationsPoint

**Type** Feature Class

**Row count** 23022

### 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

<b>Description</b>	State Park, Forest, or Reservation Agency	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	21	
<b>Description</b>	Other State Agencies	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	25	
<b>Description</b>	Other Local Agencies	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	26	
<b>Description</b>	Private (other than railroad)	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	27	
<b>Description</b>	Railroad	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	31	
<b>Description</b>	State Toll Authority	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	60	
<b>Description</b>	Other Federal Agencies (not listed below)	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	66	
<b>Description</b>	National Park Service	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	70	
<b>Description</b>	Corps of Engineers (Civil)	
<b>Enumerated domain value definition source</b>		NCDOT Structures Management Unit
<b>Value</b>	02	
<b>Description</b>	County Agency	
<b>Enumerated domain value definition source</b>		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** 2026-04-22

## 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** 2026-04-22 13:10:45  
**Automatic updates**  
**Have been performed** Yes  
**Last update** 2026-04-22 13:10:45

## 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  
**Administrative area** NC

**Postal code** 27610  
**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 clemmons@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