NC Fiber Asset Management System: Network Infrastructure, Continuous Capture – NC Department of Transportation

SDE Geodatabase Feature Class

Tags

Point, North Carolina, NCDOT, Transportation, Right of Way, Highway, Communication, Intelligent Transportation System, Broadband, Network, Fiber. Fiber Assets, FAMS, Location, Network Infrastructure.

Summary

This feature class contains line representation of the network's physical infrastructure path. This feature class represents some components of NCDOT's Intelligent Transportation System (ITS) infrastructure data that support NCDOT's Fiber Asset Management System (FAMS). Attributes containing NCDOT Project ID, Owner, Structure Type, Installation Type, and Installation Date are included. All fiber and devices tracked in an Intelligent Transportation System (ITS) eventually terminate at a switch housed in an ITS Cabinet.

The FAMS allows for the on-going capture of NCDOT's Intelligent ITS fiber and related ITS infrastructure assets. Data included in FAMS includes fiber optic cables and related intelligent transportation system infrastructure components. This dataset is limited to ITS components that either terminate in a cabinet or fiber infrastructure operations facility. These assets are NCDOT-owned and located within the NCDOT right of way. Although all assets are owned by NCDOT, some assets may be maintained by third-party partners through legal agreements with NCDOT. The data entered are the latest available to NCDOT Traffic Systems Operations, but data currency may vary across the system.

Description

The physical network infrastructure path represented can be underground or aerial infrastructure and represents its currently known location. It is necessary to the Facility Asset Management System so that users can understand physically where the network cables traverse and the details related to its housing unit. Maintenance, operation, and planning of conduit infrastructure is key to ensuring the fiber system is running smoothly and the communication cables are being protected. NCDOT Traffic Systems Operations currently owns and maintains hundreds of miles of fiber and related communication infrastructure across the state of North Carolina that provide connectivity for NCDOT's Intelligent Transportation System along the state-maintained roadway network. The goal of the NCDOT Intelligent Transportation System is to improve traffic conditions, minimize delays, and increase safety for all commuters in the state. This transportation infrastructure can be roughly grouped into eight categories:

- Signal systems
- Traveler information, including the Traffic Information Management System and 511
- Incident management assistance patrols
- Transportation management centers
- Traffic management and information devices
- Commercial vehicle operations
- Transit management

In an effort to accurately and reliably track the asset infrastructure that is part of the Intelligent Transportation System, NCDOT has developed a Fiber Asset Management System. The Fiber Asset Management System is a

centralized, enterprise geodatabase and service-based application used to store, track, and manage NCDOT-maintained fiber assets in a spatial data format, helping NCDOT in:

- ITS asset maintenance
- Management of fiber network connectivity details for maintenance and design purposes
- Increasing 811 accuracy and reliability
- ITS network infrastructure planning

The GIS Unit of the North Carolina Department of Information Technology-Transportation (NCDIT-T) has developed an enterprise geodatabase and system to host the spatially-based fiber assets data where it can be populated, managed, tracked, and disseminated to meet the FAMS project needs. Data includes features such as cabinets, fiber housing, fiber connections, junction boxes, poles, communication splice points, ethernet cable, electronic location markers, and buildings with NCDOT infrastructure equipment. The GIS capability of FAMS enables management and dissemination of fiber infrastructure spatial data.

Credits

The North Carolina Department of Transportation, Division of Highways, Traffic Systems Operations Unit.

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.

All fiber asset data is the sole property of NCDOT and any public purpose use is subject to approval and release by NCDOT. No data, whole or in part, shall be released, published, or shared without prior written approval by NCDOT. No information concerning the data shall be divulged to anyone outside the proper officials at NCDOT. All fiber asset data is strictly confidential to NCDOT and its approved contractors.

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. 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, Transportation, Utilities & Communication

Content type Geographic Services

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords Point, North Carolina, NCDOT, Transportation, Right of Way, Highway, Communication, Intelligent Transportation System, Broadband, Network, Fiber. Fiber Assets, FAMS, Location, Network Infrastructure

Thesaurus ►

Title User

Creation date 2022-05-31 00:00:00

Publication date 2022-05-31 00:00:00

Place keywords North Carolina

Thesaurus ►
Title User
Creation date 2022-05-31 00:00:00
Publication date 2022-05-31 00:00:00

Citation ►

Title NC Fiber Asset Management System: Network Infrastructure, Continuous Capture – NC Department of Transportation
Alternate titles Network Infrastructure
Creation date 2022-05-31 00:00:00
Publication date 2022-05-31 00:00:00

Presentation formats digital map
FGDC geospatial presentation format vector digital data

Citation Contacts ►

Responsible party - originator
Individual's name Stephen Wardle
Organization's name North Carolina Department of Transportation, Traffic Systems Operations Unit
Contact's position ITS Operation Engineer

Contact information ►
Phone
Voice 919-825-2621
Address
Type physical
Delivery point 1636 Gold Star Drive
City Raleigh
Administrative area NC
Postal code 27607
Country US
e-mail address swardle@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 an email.

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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
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 Right of Way Geodatabase. If it is an immediate need, please call the contact number or 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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Administrative area NC
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Country US
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Contact instructions
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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 Microsoft Windows 10 Version 10.0 (Build 18363) ; Esri ArcGIS 12.9.0.32739

Credits
The North Carolina Department of Transportation, Division of Highways, Traffic Systems Operations Unit.

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.

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

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Country US
e-mail address gishelp@ncdot.gov
Hours of service
9:00am - 5:00pm Monday - Friday

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Resource Maintenance ►

Resource maintenance
Update frequency continual

Scope of the updates dataset

Other maintenance requirements
The North Carolina Department of Transportation, Division of Highways, Traffic Systems Operations Unit maintenance is as needed and not regularly scheduled.

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

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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
Country US
e-mail address gishelp@ncdot.gov
Hours of service
9:00am - 5:00pm Monday - Friday

Contact instructions
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Resource Constraints ►

Constraints
Limitations of use
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Legal constraints
Limitations of use
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Access constraints restricted
Use constraints restricted

Security constraints
Classification confidential
Classification system None

Limitations of use
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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",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2264]]

Reference system identifier
Value 2264
Codespace EPSG
Version 6.12(9.0.0)

Spatial Data Properties ►

Vector ►
Level of topology for this dataset geometry only

Geometric objects
Feature class name NetworkInfrastructure
Object type composite
Object count 0

ArcGIS Feature Class Properties ►
Feature class name NetworkInfrastructure
Feature type Simple
Geometry type Polyline
Has topology FALSE
Feature count 0
Spatial index TRUE
Linear referencing FALSE

Data Quality ►

Scope of quality information ►
Resource level dataset

Data quality report - Completeness commission ►
Data quality measure reference
Measure description
After processing and based on the availability of the submitter, the dataset is checked for drawing display and number of records and file sizes compared with source materials.

Conformance test results
Test passed Yes
Result explanation
Pass.

Product specification ►
Title NCDOT Geospatial Data Specifications
Creation date 2022-05-31 00:00:00
Publication date 2022-05-31 00:00:00

Data quality report - Conceptual consistency ►
Data quality measure reference
Measure description
This dataset is converted to file geodatabase (FGDB) format. Data quality is not automated as part of the conversion process and assessed on an irregular basis.

Conformance test results
Test passed Yes
Result explanation
Pass.

Product specification ►
Title NCDOT Geospatial Data Specifications

Creation date 2022-05-31 00:00:00
Publication date 2022-05-31 00:00:00

Data quality report - Quantitative attribute accuracy ►
Data quality measure reference
Measure description
The source data may be checked using standard review procedures. Attributes and null values were checked by using visual inspection as well as automated verification routines. Geometry checks may be performed as a post process by users.

Conformance test results
Test passed Yes
Result explanation
Pass.

Product specification ►
Title NCDOT Geospatial Data Specifications
Creation date 2022-05-31 00:00:00
Publication date 2022-05-31 00:00:00

Lineage ►

Lineage statement
This dataset was originally created by the North Carolina Department of Transportation, Traffic Systems Operations Unit, to provide a geographic representation of the network infrastructure in North Carolina. The data contained within this dataset is entered to the enterprise database environment through the Fiber Asset Management System. Geospatial services which support the Fiber Asset Management System (FAMS) are utilized by the NCDOT's Traffic Systems Operations Unit.

Process step ►
When the process occurred 2022-05-27 00:00:00
Description
The fiber asset enterprise geodatabase data is published as a series of feature services for access in the Fiber Asset Management System, maintained by the NCDIT-Transportation GIS Unit.

Process 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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
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 Right of Way Geodatabase. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

Process step ►
When the process occurred 2022-05-31 00:00:00
Description
The fiber asset data is originally populated by NCDOT's Traffic Systems Operations Unit.

Process contact - originator
Individual's name Stephen Wardle
Organization's name North Carolina Department of Transportation, Traffic Systems Operations Unit
Contact's position ITS Operation Engineer

Contact information ►
Phone
Voice 919-825-2621
Address
Type physical
Delivery point 1636 Gold Star Drive
City Raleigh
Administrative area NC
Postal code 27607
Country US
e-mail address swardle@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 an email.

Process step ►
When the process occurred 2022-06-01 00:00:00
Description
The Fiber Asset Management System data can be captured for publication and reporting services if needed.

Process contact - resource provider
Individual's name Stephen Wardle
Organization's name North Carolina Department of Transportation, Traffic Systems Operations Unit
Contact's position ITS Operation Engineer

Contact information ►
Phone
Voice 919-825-2621
Address
Type physical
Delivery point 1636 Gold Star Drive
City Raleigh
Administrative area NC
Postal code 27607
Country US
e-mail address swardle@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 an email.

Distribution ►

Distributor ►
Contact information - 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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
Country US
e-mail address gishelp@ncdot.gov
Hours of service
9:00am - 5:00pm Monday - Friday

Contact instructions
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Distribution format
Name SDE Geodatabase Feature Class
Version 10.9.x

Fields ►

Details for object NetworkInfrastructure ►
Type Feature Class
Row count 0
Definition
Network Infrastructure

Definition source
North Carolina Department of Traffic Systems Operations 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 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 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.

Field GlobalID ►
Alias Global ID
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 Traffic Systems Operations Unit

Description of values
Values vary.

Field Owner ►
Alias Asset Owner
Data type String
Width 50
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Owner of the asset.

List of values
Value NCDOT
Description The asset is owned by the North Carolina Department of Transportation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Municipality
Description The asset is owned by a municipality.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value OMC
Description The asset is owned by OMC.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value NCDIT
Description The asset is owned by the North Carolina Department of Information Technology.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value AT&T
Description The asset is owned by AT&T.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Spectrum
Description The asset is owned by Spectrum.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Crown Castle
Description The asset is owned by Crown Castle.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Duke Energy
Description The asset is owned by Duke Energy.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Verizon
Description The asset is owned by Verizon.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Zayo
Description The asset is owned by Zayo.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description The asset is owned by some other owner.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description The owner of the asset is unknown.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field NumberConduits ►
Alias Number of Conduits
Data type Small Integer
Width 2
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Number of conduits installed (if underground infrastructure).

List of values
Value 0
Description No conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1
Description 1 conduit installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2
Description 2 conduits installed.

Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 3
Description 3 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 4
Description 4 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 5
Description 5 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 6
Description 6 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 7
Description 7 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 8
Description 8 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 9
Description 9 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 10
Description 10 conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Unknown number of conduits installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field ConduitDiameter ►
Alias Conduit Diameter
Data type String
Width 25
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Diameter, in inches, of conduits installed (if underground infrastructure).

List of values
Value 1/2" Conduit
Description 1/2" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 3/4" Conduit
Description 3/4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1" Conduit

Description 1" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1-1/4" Conduit
Description 1-1/4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1-1/2" Conduit
Description 1-1/2" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1-3/4" Conduit
Description 1-3/4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2" Conduit
Description 2" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2-1/4" Conduit
Description 2-1/4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2-1/2" Conduit
Description 2-1/2" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2-3/4" Conduit
Description 2-3/4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 3" Conduit
Description 3" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 4" Conduit
Description 4" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 8" Conduit
Description 8" diameter conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description Diameter of conduit is some other size.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Diameter of conduit is unknown.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Not Applicable
Description Diameter of conduit is not applicable.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field ConduitMaterial ►
Alias Conduit Material
Data type String
Width 25
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Material of conduits installed (if underground infrastructure).

List of values
Value HDPE
Description Conduit is made of High Density Poly Ethylene (HDPE)
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value PVC
Description Conduit is made of Polyvinyl Chloride (PVC).
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Steel
Description Conduit is made of steel.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description Conduit is made of other material.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Conduit is made of unknown material.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field TracerWire ►
Alias Tracer Wire
Data type String
Width 10
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies if tracer wire was installed with the conduit.

List of values
Value Yes
Description Tracer wire was installed with the conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value No
Description Tracer wire was not installed with the conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description It is unknown if tracer wire was installed with the conduit.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field Innerduct ►
Alias Innerduct
Data type String
Width 10
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies if innerducts are used.

List of values
Value Yes
Description Innerducts are used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value No
Description Innerducts are not used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description It is unknown if innerducts are used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field InnerductNum ►
Alias Number of Innerducts
Data type Small Integer
Width 2
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies the number of innerducts used (if applicable).

List of values
Value 0
Description No innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 1
Description 1 innerduct used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 2
Description 2 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 3
Description 3 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 4
Description 4 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 5
Description 5 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 6
Description 6 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 7
Description 7 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 8
Description 8 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 9
Description 9 innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value 10
Description 10
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Unknown number of innerducts used.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field StructureType ►
Alias Structure Type
Data type String
Width 100
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies the type of structure installed.

List of values
Value Messenger Cable
Description Messenger cable installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Slack Span
Description Slack span installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Signal Cable Overlash
Description Signal cable overlash installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Conduit
Description Conduit installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Duct Bank
Description Duct bank installed.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Direct Bury
Description Direct bury installation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description Other installation structure type.

Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Structure type is unknown.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Not Applicable
Description Structure type: not applicable.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field InstallDate ►
Alias Install Date
Data type Date
Width 8
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Date infrastructure was installed (if known).

Description of values
Dates vary.

Field ProjectID ►
Alias Project ID
Data type String
Width 50
Precision 0
Scale 0

Field description
Identifies what NCDOT Project the marker balls were installed under (if available).

Description source
NCDOT Traffic Systems Operations Unit

Description of values
Values vary.

Field Comments ►
Alias Comments
Data type String
Width 255
Precision 0
Scale 0

Field description
Additional comments.

Description source
NCDOT Traffic Systems Operations Unit

Description of values
Text.

Field Manager ►

Alias Managing Entity
Data type String
Width 50
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies what entity is in charge of managing the infrastructure.

List of values
Value NCDOT
Description Infrastructure is managed by the North Carolina Department of Transportation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Municipality
Description Infrastructure is managed by the local municipality.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value OMC
Description Infrastructure is managed by OMC.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value NCDIT
Description Infrastructure is managed by the North Carolina Department of Information Technology.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description Infrastructure is managed by some other company or agency.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value AT&T
Description Infrastructure is managed by AT&T.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Spectrum
Description Infrastructure is managed by Spectrum.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Crown Castle
Description Infrastructure is managed by Crown Castle.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Duke Energy
Description Infrastructure is managed by Duke Energy.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Verizon
Description Infrastructure is managed by Verizon.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Zayo
Description Infrastructure is managed by Zayo.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Infrastructure is managed by Unknown.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field InstallationType ►
Alias Installation Type
Data type String
Width 50
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Identifies the general type of infrastructure installation (aerial, underground, indoor, etc.).

List of values
Value Aerial Infrastructure
Description Aerial infrastructure installation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Indoor Infrastructure
Description Indoor infrastructure installation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Underground Infrastructure
Description Underground infrastructure installation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Other
Description Some other infrastructure installation.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Value Unknown
Description Infrastructure installation is unknown.
Enumerated domain value definition source NCDOT Traffic Systems Operations Unit

Field created_user ►
Alias Created User
Data type String
Width 255
Precision 0
Scale 0

Field description
Name of authorized user who created/added a feature to the feature class.

Description source
NCDOT Traffic Systems Operations Unit

Description of values
Text

Field created_date ►
Alias Created Date
Data type Date
Width 8
Precision 0
Scale 0

Description source
NCDOT Traffic Systems Operations Unit

Field description
Date and time the authorized user created/added the feature to the feature class.

Description of values
Dates vary.

Field last_edited_user ►
Alias Last Edited User
Data type String
Width 255
Precision 0
Scale 0

Field description
Name of authorized user who last modified a feature or attribute value in the feature class.

Description source
NCDOT Traffic Systems Operations Unit

Description of values
Text.

Field last_edited_date ►
Alias Last Edited Date
Data type Date
Width 8
Precision 0
Scale 0

Field description
Date and time the authorized user last modified a feature or attribute value in the feature class.

Description source
NCDOT Traffic Systems Operations Unit

Description of values
Dates vary.

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 2022-05-17

ArcGIS metadata properties
Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ISO19139

Created in ArcGIS for the item 2022-04-27 14:39:36
Last modified in ArcGIS for the item 2022-05-17 90:05:90

Automatic updates
Have been performed Yes

Last update 2022-05-16 14:21:30

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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
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 Right of Way Geodatabase. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

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 4101 Capital Boulevard
City Raleigh
Administrative area NC
Postal code 27604
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 Right of Way Geodatabase. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

Metadata Constraints ►

Constraints
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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Security constraints
Classification confidential
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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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. The data should not be used in place of field survey or data collection efforts that are normally performed by license professionals and it should not replace any data collection efforts that are typically required as a part of detailed design and construction efforts.

Thumbnail and Enclosures ►

Thumbnail
Thumbnail type
Image file