

NC Proposed Right of Way ROW Line Annotation, Continuous Capture – NC Department of Transportation Geodatabase Feature Class



Tags Annotation, North Carolina, NCDOT, Transportation, Right of Way, Highway, Transportation Planning, Location, Road, ROW.

Summary

This feature class contains annotation of proposed right of way which NCDOT acquisition, in part, may be necessary for road construction or improvement. Attributes containing NCDOT Project and Parcel ID are included. These data support the NCDOT Right Of Way Management System which allows for the continuous capture of right of way data. The data entered are the latest available to the NCDOT Right Of Way Branch, but data currency may vary across the system.

Description

The Right of Way Branch of NCDOT is responsible for the acquisition of all necessary lands and rights of way used for construction and improvements of all highways which are part of the State Highway System. This includes roads on both the primary (interstate, U.S., and N.C. routes) and secondary (SR routes) systems. Purchasing land for other public modes of transportation is also required for expansion and to accommodate increased demand.

Multiple facets make up the Right of Way business process from early NCDOT project development to appraisals and land purchases. NCDOT's "Understanding the Right of Way Process" document provides more information here:

<https://connect.ncdot.gov/business/ROW/ROWManualsandPublications/Right-of-Way-Brochure-Single%20Page%20layout.pdf>

The Right of Way Management System (ROWMS) is a web-based application that captures Right of Way (ROW) information and documents, provides workflow and reporting capabilities, and interfaces with internal systems. ROWMS supports NC legislative mandates requiring Right of Way to have a role-based, data management system used by all projects.

A major benefit ROWMS provides is a 25% workflow cycle time reduction. It also facilitates process standardization, cross-department integration, collaboration across the organization, a detailed audit trail, and contractor integration. ROWMS integrates systems such as SAP (Vendors, Invoices, POs, Asset Management, etc.), SharePoint (public documents and deeds), DocuSign (electronic signatures, eNotary), and GIS.

The GIS Unit of the North Carolina Department of Information Technology-Transportation (NCDIT-T) has developed a process to convert the Right of Way Unit's original DGN/CAD files into a GIS format, that can then be managed and disseminated to meet the ROWMS project needs. These are adjacent and nearby critical features such as existing roads, buildings, utilities, and property, affected or impacted in some way due to NCDOT's state highway system construction or improvement projects. Proposed features for ROW acquisition, proposed roads and related features are also included. This ROW data can be viewed overlaying maps in the application. The GIS capability of ROWMS enables management and dissemination of Right of Way-based spatial data.

Credits

The North Carolina Department of Transportation, Division of Highways, Right of Way 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 Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

Extent

West -86.767213
East -75.164749
North 43.243289
South 28.469375

Scale Range

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

Topics and Keywords

Themes or categories of the resource Location, Planning & Cadastral, Society, Transportation

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords Annotation, North Carolina, NCDOT, Transportation, Right of Way, Highway, Transportation Planning, Location, Road, ROW.

Thesaurus

Title User

Creation date 2018-09-13 00:00:00

Publication date 2018-09-13 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Creation date 2018-09-13 00:00:00

Publication date 2018-09-13 00:00:00

Citation

Title NC Proposed Right of Way ROW Line Annotation, Continuous Capture – NC Department of Transportation
Alternate titles ProposedRightOfWayRowLineAnnotation
Creation date 2018-09-13 00:00:00

Publication date 2018-09-13 00:00:00

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - originator

Organization's name North Carolina Department of Transportation, Right of Way Unit

Contact's position Right of Way Agent II (Real Property Conveyance Specialist)

Contact information

Phone

Voice 919-707-4360

Address

Type physical

Delivery point 1 South Wilmington Street

City Raleigh

Administrative area NC

Postal code 27601

Country US

e-mail address cegrady@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 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

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

Contact information

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

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.

Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Status on-going

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

Credits

The North Carolina Department of Transportation, Division of Highways, Right of Way 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.

ArcGIS item properties

Name ProposedRightOfWayRowLineAnnotation

Location file://\DOT\DFSROOT01\GROUPS-GISNH\GIS-TechShare\GISAppDevProjects\MetadataROWMS\ROWMS_Services.gdb

Access protocol Local Area Network

Extents

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -86.767213
East longitude -75.164749
North latitude 43.243289
South latitude 28.469375
Extent contains the resource Yes

Extent in the item's coordinate system

westBL -94640.547827
eastBL 3032682.314968
southBL -1857771.621853
northBL 3466716.397457
exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

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

Contact information

Address

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

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.

Resource Maintenance

Resource maintenance

Update frequency continual

Scope of the updates dataset

Other maintenance requirements

The North Carolina Department of Transportation, Division of Highways, Right of Way 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 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

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.

Resource 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.

All Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

Legal 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.

All Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

Access constraints restricted

Use constraints restricted

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.

All Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

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 0

MScale 1

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 ProposedRightOfWayRowLineAnnotation

Object type composite

Object count 201162

ArcGIS Feature Class Properties

Feature class name ProposedRightOfWayRowLineAnnotation

Feature type Annotation

Geometry type Polygon

Has topology FALSE

Feature count 201162

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 2018-09-13 00:00:00

Publication date 2018-09-13 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 2018-09-13 00:00:00

Publication date 2018-09-13 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 were done post processing by the users.

Conformance test results

Test passed Yes

Result explanation

Pass.

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2018-09-13 00:00:00

Publication date 2018-09-13 00:00:00

Lineage

Lineage statement

This dataset was originally created by the North Carolina Department of Transportation, Right of Way Unit, to provide annotation of proposed right of way affected by proposed Right of Way acquisition in North Carolina. The data contained within this dataset is automatically loaded to the enterprise database environment through the data conversion process. Web mapping services are created with this data from the database. These services support the Right of Way Management System (ROWMS) online GIS data viewer which is utilized by the NCDOT's Right of Way Unit.

Process step

When the process occurred 2018-09-01 00:00:00

Description

The Right of Way data is originally created using MicroStation (CAD software). This data, known as Levels, exist as DGN format data files

Process contact - originator

Organization's name North Carolina Department of Transportation, Right of Way Unit

Contact's position Right of Way Agent II (Real Property Conveyance Specialist)

Contact information

Phone

Voice 919-707-4360

Address

Type physical

Delivery point 1 South Wilmington Street

City Raleigh

Administrative area NC

Postal code 27601

Country US

e-mail address cegrady@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 2018-09-10 00:00:00

Description

The ROW DGN format data is converted into a geospatial enterprise database utilizing a GIS data conversion process.

Process contact - resource provider

Organization's name North Carolina Department of Transportation, Right of Way Unit

Contact's position Right of Way Agent II (Real Property Conveyance Specialist)

Contact information

Phone

Voice 919-707-4360

Address

Type physical

Delivery point 1 South Wilmington Street

City Raleigh

Administrative area NC

Postal code 27601

Country US

e-mail address cegrady@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 2018-09-13 00:00:00

Description

The Right of Way enterprise geodatabase data is published as a series of map services for display in the online ROWMS application, 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 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

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.

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 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

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.

Distribution format

Version 10.5.1

Name File Geodatabase Feature Class

Fields

Details for object ProposedRightOfWayRowLineAnnotation

Type Feature Class

Row count 201162

Definition

ProposedRightOfWayRowLineAnnotation

Definition source

North Carolina Department of Transportation, Right of Way 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 FeatureID

Alias FeatureID

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Internal feature number.

Description source

Esri

Field ZOrder

Alias ZOrder

Data type Integer
Width 4
Precision 0
Scale 0

Field description

Default annotation feature class field. Determines annotation stacking order (in front of/behind). Currently not used.

Description source

Esri

Description of values

Values vary.

Field AnnotationClassID

Alias AnnotationClassID
Data type Integer
Width 4
Precision 0
Scale 0

Field description

Default annotation feature class field. The annotation class the annotation belongs to.

Description source

Esri

Description of values

Values vary.

Field Element

Alias Element
Data type Blob
Width 0
Precision 0
Scale 0

Field description

Default annotation feature class field. BLOB (Binary Large Object) field that stores symbology and text geometry.

Description source

Esri

Description of values

BLOB (Binary Large Object)

Field SymbolID

Alias SymbolID

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Default annotation feature class field. The annotation symbol in the symbol table.

Description source

Esri

Description of values

Values vary.

Field Status

Alias Status

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. Weather the feature (annotation) is placed or unplaced.

Description source

Esri

Description of values

Values vary.

Field TextString

Alias TextString

Data type String

Width 255

Precision 0

Scale 0

Field description

Default annotation feature class field. The text string for the feature.

Description source

Esri

Description of values

Text.

Field FontName

Alias FontName

Data type String

Width 255

Precision 0

Scale 0

Field description

Default annotation feature class field. The name of the font, for example, Arial.

Description source

Esri

Description of values

Text.

Field FontSize

Alias FontSize

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. The size value for the font.

Description source

Esri

Description of values

Values vary.

Field Bold

Alias Bold

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. Whether the text is bold—yes/no.

Description source

Esri

List of values

Value No

Description Text is not bold.

Enumerated domain value definition source Esri

Value Yes

Description Text is bold.

Enumerated domain value definition source Esri

Field Italic

Alias Italic

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. Whether the text is italic—yes/no.

Description source

Esri

List of values

Value No

Description Text is not italicized.

Enumerated domain value definition source Esri

Value Yes

Description Text is italicized.

Enumerated domain value definition source Esri

Field Underline

Alias Underline

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. Whether the text is underlined—yes/no.

Description source

Esri

List of values

Value No

Description Text is not underlined.

Enumerated domain value definition source Esri

Value Yes

Description Text is underlined.

Enumerated domain value definition source Esri

Field VerticalAlignment

Alias VerticalAlignment

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. The vertical alignment of the text—top/center/baseline/bottom.

Description source

Esri

List of values

Value Top

Description Text is vertically aligned with the top position.

Enumerated domain value definition source Esri

Value Center

Description Text is vertically aligned with the center position.

Enumerated domain value definition source Esri

Value Baseline

Description Text is vertically aligned with the baseline position.

Enumerated domain value definition source Esri

Value Bottom

Description Text is vertically aligned with the bottom position.

Enumerated domain value definition source Esri

Field HorizontalAlignment

Alias HorizontalAlignment

Data type SmallInteger

Width 2

Precision 0

Scale 0

Field description

Default annotation feature class field. The horizontal alignment of the text—left/right/center/full.

Description source

Esri

List of values

Value Left

Description Text is horizontally aligned with the left position.

Enumerated domain value definition source Esri

Value Right

Description Text is horizontally aligned with the right position.

Enumerated domain value definition source Esri

Value Center

Description Text is horizontally aligned with the center position.

Enumerated domain value definition source Esri

Value Full

Description Text is horizontally aligned in full position.

Enumerated domain value definition source Esri

Field XOffset

Alias XOffset

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value representing amount of left or right position shift of the text.

Description source

Esri

Description of values

Values vary.

Field YOffset

Alias YOffset

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value representing amount of up or down position shift of the text.

Description source

Esri

Description of values

Values vary.

Field Angle

Alias Angle

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Text rotation angle (0 – 360).

Description source

Esri

Description of values

Values vary.

Field FontLeading

Alias FontLeading

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value to adjust spacing between multiple lines of text.

Description source

Esri

Description of values

Values vary.

Field WordSpacing

Alias WordSpacing

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value to adjust spacing between words.

Description source

Esri

Description of values

Values vary.

Field CharacterWidth

Alias CharacterWidth

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value to adjust character width.

Description source

Esri

Description of values

Values vary.

Field CharacterSpacing

Alias CharacterSpacing

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Value to adjust the spacing between characters.

Description source

Esri

Description of values

Values vary.

Field FlipAngle

Alias FlipAngle

Data type Double

Width 8

Precision 0

Scale 0

Field description

Default annotation feature class field. Adjusts the angle at which point rotated text is flipped in place.

Description source

Esri

Description of values

Values vary.

Field Override

Alias Override

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Default annotation feature class field. The Override field is not editable and is maintained by ArcGIS. When the override value is 0, the annotation feature is displayed using the SymbolID text symbol that it references and no display properties are stored in the record. When the override value is greater than 0, the annotation feature uses the SymbolID text symbol as a base display and applies the overridden properties to that symbol.

Description source

Esri

Description of values

Values vary.

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 IgdsClass

Alias IgdsClass

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The element's class value. 0 = Primary.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsFont

Alias IgdsFont

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The IGDS font number for the text string.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field IgdsInsertionX

Alias IgdsInsertionX

Data type Double

Width 8

Precision 0

Scale 0

Field description

Field from original DGN format file. The x-axis location of the original insertion point for the text before the justification was applied.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field IgdsInsertionY

Alias IgdsInsertionY
Data type Double
Width 8
Precision 0
Scale 0

Field description

Field from original DGN format file. The y-axis location of the original insertion point for the text before the justification was applied.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field IgdsInsertionZ

Alias IgdsInsertionZ
Data type Double
Width 8
Precision 0
Scale 0

Field description

Field from original DGN format file. The z-axis location of the original insertion point for the text before the justification was applied.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field IgdsStyle

Alias IgdsStyle
Data type Integer
Width 4
Precision 0
Scale 0

Field description

Field from original DGN format file. The element's line style.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsWeight

Alias IgdsWeight

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The element's line weight.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsColor

Alias IgdsColor

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The element's color setting. This is the element's color index into the color table stored in the design file.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsGraphicGroup

Alias IgdsGraphicGroup

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The element's graphic group number.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsLevel

Alias IgdsLevel

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file, a level-based format. The IGDS (Interactive Graphics Design System – CAD format) level value of the feature.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field LevelName

Alias LevelName

Data type String

Width 75

Precision 0

Scale 0

Field description

Field from original DGN format file, a level-based format. The name of the level from which the element originated. This closely matches the name of the feature class.

Description source

NCDOT Right of Way Unit

Description of values

Numerical value.

Field IgdsJustification

Alias IgdsJustification

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The justification code for the text string. Text elements in a Design file are always stored using a lower left corner.

- 0 = Left/Top
- 1 = Left/Center
- 2 = Left/Bottom
- 3 = Left Margin/Top
- 4 = Left Margin/Center
- 5 = Left Margin/Bottom
- 6 = Center/Top
- 7 = Center/Center
- 8 = Center/Bottom
- 9 = Right Margin/Top
- 10 = Right Margin/Center
- 11 = Right Margin/Bottom
- 12 = Right/Top
- 13 = Right/Center
- 14 = Right/Bottom

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field IgdsNodeNumber

Alias IgdsNodeNumber

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. The node number assigned to the text node. Text node features are point features, and only have a single coordinate. Usually, text nodes are used to group together lines of text into a single complex element.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field TextGroup

Alias TextGroup

Data type Integer

Width 4

Precision 0

Scale 0

Field description

Field from original DGN format file. Group assigned to multiple text strings.

Description source

NCDOT Right of Way Unit

Description of values

Values vary.

Field ProjectID

Alias ProjectID

Data type String

Width 75

Precision 0

Scale 0

Description source

NCDOT Right of Way Unit

Field description

Concatenation of the NCDOT TIP Project number and “_ROWGIS”.

Description of values

Alphanumeric values will vary.

Field GlobalID

Alias GlobalID

Data type GlobalID

Width 38

Precision 0

Scale 0

Description source

NCDOT Right of Way Unit

Field description

Uniquely identifies a feature or table row within a geodatabase and across geodatabases.

Description of values

Alphanumeric values will vary.

Field Shape_Length

Alias Shape_Length

Data type Double

Width 8

Precision 0

Scale 0

Field description

Length of feature in internal units.

Description source

Esri

Description of values

Positive real numbers that are automatically generated.

Field Shape_Area

Alias Shape_Area

Data type Double

Width 8

Precision 0

Scale 0

Field description

Area of feature in internal units squared.

Description source

Esri

Description of values

Positive real numbers that are automatically generated.

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 2022-02-16

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Metadata style ISO 19139 Metadata Implementation Specification

Standard or profile used to edit metadata ISO19139

Created in ArcGIS for the item 2021-11-30 10:00:48

Last modified in ArcGIS for the item 2022-02-16 12:57:29

Automatic updates

Have been performed Yes

Last update 2022-02-16 12:53:28

Metadata Contacts

Metadata contact - point of contact

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

Contact's position GIS Data and Services Consultant

Contact information

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address gishelp@ncdot.gov

Hours of service

9:00am - 5:00pm Monday – Friday

Contact instructions

Please send an email with any issues, questions, or comments regarding the 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 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

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.

All Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

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.

All Right of Way 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 or the Federal Highway Administration. All Right of Way data is strictly confidential to NCDOT and its approved contractors.

Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file