# North Carolina Rail Track – 1st Quarter 2020 - North Carolina Department of Transportation



Tags

Rail, Railroad, transportation, Transportation, Track, Rail Track, Rail Lines, NCDOT, NC, Official NCDOT, North Carolina, Railway

#### **Summary**

This dataset is made available to provide a representation of state-maintained railroad track for mapping and planning purposes.

### Description

The dataset provided includes line data for use in geographic information systems that represents all of the standard gauge freight and passenger railroad track in North Carolina, and contains the following information: owner, operator, track type, branch, beginning milepost, ending milepost, in service status, and out of service date (where applicable). The linework was digitized based on the most recent statewide aerial photography provided by the State of North Carolina. Select areas of inactive track have been added to the dataset to aid in preserved and future corridor analysis.

#### Credits

North Carolina Department of Transportation Rail Division, Moffatt & Nichol Engineers, Simpson Engineers and Associates

#### **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.

#### Extent

 West
 -84.127195
 East
 -76.089531

 North
 36.607291
 South
 33.839590

#### Scale Range

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

## ArcGIS Metadata 🕨

## Topics and Keywords •

THEMES OR CATEGORIES OF THE RESOURCE transportation

\* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION NO

THEME KEYWORDS Rail, Railroad, Transportation, Track, Rail Track, Rail Lines

Hide Topics and Keywords

## Citation 🕨

TITLE North Carolina Rail Track – 1st Quarter 2020 - North Carolina Department of Transportation PUBLICATION DATE 2020-02-17 00:00:00 CREATION DATE 2013-08-01 00:00:00 REVISION DATE 2019-10-10 00:00:00

PRESENTATION FORMATS \* digital map

Hide Citation 🔺

## Citation Contacts 🕨

RESPONSIBLE PARTY INDIVIDUAL'S NAME Arthur Petteway ORGANIZATION'S NAME NCDOT Rail Division CONTACT'S POSITION Inventory & Data Analysis Manager CONTACT'S ROLE originator

CONTACT INFORMATION PHONE VOICE 919 707 4121

Address Type physical Delivery point 862 Capital Blvd City Raleigh Administrative area NC Postal code 27603

Hide Contact information

Hide Citation Contacts

## 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

North Carolina Department of Transportation Rail Division, Moffatt & Nichol Engineers, Simpson Engineers and Associates

ARCGIS ITEM PROPERTIES NAME RailroadTrack

Hide Resource Details **A** 

## Extents 🕨

EXTENT DESCRIPTION The extents of this project are within the political boundaries of the state of North Carolina.

GEOGRAPHIC EXTENT BOUNDING RECTANGLE EXTENT TYPE EXtent used for searching \* WEST LONGITUDE -84.127195 \* EAST LONGITUDE -76.089531 \* NORTH LATITUDE 36.607291 \* SOUTH LATITUDE 33.839590 \* EXTENT CONTAINS THE RESOURCE YES TEMPORAL EXTENT DATE AND TIME 2020-01-17 00:00:00 EXTENT IN THE ITEM'S COORDINATE SYSTEM \* WEST LONGITUDE 493457.651630 \* EAST LONGITUDE 2854678.049915

- \* SOUTH LATITUDE 70271.396725
- \* NORTH LATITUDE 1039996.546838
- \* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents

## **Resource Points of Contact** ►

POINT OF CONTACT INDIVIDUAL'S NAME Arthur Petteway ORGANIZATION'S NAME NCDOT Rail Division CONTACT'S POSITION Inventory & Data Analysis Manager CONTACT'S ROLE custodian

CONTACT INFORMATION PHONE VOICE 919 707 4121

Address Type physical Delivery point 862 Capital Blvd City Raleigh Administrative area NC Postal code 27603

Hide Contact information **A** 

Hide Resource Points of Contact

## Resource Maintenance 🕨

RESOURCE MAINTENANCE DATE OF NEXT UPDATE 2020-04-01 00:00:00 UPDATE FREQUENCY quarterly

Hide Resource Maintenance

## Resource Constraints

CONSTRAINTS LIMITATIONS OF USE

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## LEGAL CONSTRAINTS

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SECURITY CONSTRAINTS CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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Hide Resource Constraints

## Spatial Reference

ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet
- \* COORDINATE REFERENCE DETAILS

**PROJECTED COORDINATE SYSTEM** Well-known identifier 102719 X ORIGIN -121841900 Y ORIGIN -93659000 XY SCALE 3048.0060960121928 Z ORIGIN **0** Z SCALE 1 M ORIGIN 0 M SCALE 1 XY TOLERANCE 0.0032808333333333333 Z TOLERANCE 0.001 M TOLERANCE 0.001 HIGH PRECISION true LATEST WELL-KNOWN IDENTIFIER 2264 WELL-KNOWN TEXT PROJCS["NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet",GEOGCS["GCS\_North\_American\_1983 ",DATUM["D North American 1983",SPHEROID["GRS 1980",6378137.0,298.257222101]],PRIMEM["Gree nwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert Conformal Conic"],PARAMET ER["False Easting", 2000000.002616666], PARAMETER["False Northing", 0.0], PARAMETER["Central Meridi an",-79.0], PARAMETER["Standard\_Parallel\_1", 34.3333333333333334], PARAMETER["Standard\_Parallel\_2", 36.16 6666666666666],PARAMETER["Latitude Of Origin",33.75],UNIT["Foot US",0.3048006096012192],AUTHO RITY["EPSG",2264]]

REFERENCE SYSTEM IDENTIFIER

- DIMENSION horizontal
- VALUE SR-ORG:12
- \* CODESPACE EPSG
- \* VERSION 6.12(9.0.0)

Hide Spatial Reference 🔺

Spatial Data Properties

VECTOR **>** 

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS FEATURE CLASS NAME RailroadTrack \* OBJECT TYPE composite

\* OBJECT COUNT 0

Hide Vector **▲** 

ARCGIS FEATURE CLASS PROPERTIES FEATURE CLASS NAME RailroadTrack

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polyline
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 0
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties

## Data Quality 🕨

SCOPE OF QUALITY INFORMATION RESOURCE LEVEL dataset

Hide Scope of quality information ▲

```
DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY 
DIMENSION horizontal
```

MEASURE DESCRIPTION

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

CONFORMANCE TEST RESULTS TEST PASSED Yes RESULT EXPLANATION Data conforms with NCDOT GIS Unit standards.

Hide Data quality report - Conceptual consistency

Hide Data Quality 🔺

## Lineage 🕨

LINEAGE STATEMENT

Linework digitized by Moffatt & Nichol Engineers based on latest available NC statewide aerial photography.

Line work is reviewed and updated to conform with the annual release of updated NC State Orthophotography program.

Attribution accomplished by assessing several sources to determine the most recent and accurate records: NC Statewide Authoritative Rail and Highway crossing database, Federal Railroad Administration crossing database, railroad company track charts, railroad company representatives, local municipal representatives, and internal Moffatt & Nichol databases.

Dataset updated by Simpson Engineers & Associates and the NCDOT Rail Division.

Resource made available on the web by NCDOT GIS unit.

PROCESS STEP WHEN THE PROCESS OCCURRED 2020-02-17 00:00:00 DESCRIPTION Metadata is updated for publication and placed on website.

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

CONTACT INFORMATION PHONE VOICE 919.707.2165 FAX 919.707.2210 ADDRESS TYPE DELIVERY POINT 4101 Capital Blvd. CITY Raleigh ADMINISTRATIVE AREA North Carolina POSTAL CODE 27604 COUNTRY US E-MAIL ADDRESS gishelp@ncdot.gov

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

CONTACT INSTRUCTIONS Phone or e-mail.

Hide Contact information **A** 

Hide Process step ▲

Hide Lineage 🔺

## Distribution 🕨

DISTRIBUTOR CONTACT INFORMATION ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit CONTACT'S POSITION GIS Help Desk CONTACT'S ROLE distributor PHONE

VOICE 919.707.2165 FAX 919.707.2210

ADDRESS

TYPE both DELIVERY POINT 4101 Capital Blvd. CITY Raleigh ADMINISTRATIVE AREA North Carolina POSTAL CODE 27604 COUNTRY US E-MAIL ADDRESS gishelp@ncdot.gov

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

CONTACT INSTRUCTIONS Phone or e-mail.

Hide Contact information  $\blacktriangle$ 

TRANSFER OPTIONS

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

Hide Distributor

DISTRIBUTION FORMAT VERSION 10.3 NAME Feature Class

Hide Distribution **A** 

## Fields 🕨

## DETAILS FOR OBJECT RailroadTrack ►

\* TYPE Feature Class Row count 185 DEFINITION Linework representing all of the freight and passenger rail in North Carolina

DEFINITION SOURCE

## FIELD OBJECTID

- \* ALIAS OBJECTID
- \* DATA TYPE OID
- \* WIDTH 4
- \* PRECISION 10
- \* SCALE 0
- \* FIELD DESCRIPTION Internal feature number.
- \* DESCRIPTION SOURCE Esri

\* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

#### Hide Field OBJECTID ▲

#### FIELD OPERATOR ►

- \* ALIAS OPERATOR
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION
  - FRA code for person or organization that operates the rail road track

DESCRIPTION SOURCE

FRA

LIST OF VALUES VALUE WSS

DESCRIPTION Winston-Salem Southbound Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE ARC DESCRIPTION Alexander Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CPLJ DESCRIPTION Camp Lejuene Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE RSNR DESCRIPTION Red Springs & Northern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CATS DESCRIPTION Charlotte Area Transit System ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CALA DESCRIPTION Carolina Southern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE WTRY DESCRIPTION Wilmington Terminal Railroad, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE GSMR DESCRIPTION Great Smoky Mountains Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE PNRW DESCRIPTION Piedmont & Northern Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE TBRY DESCRIPTION Thermal Belt Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE DOD DESCRIPTION Department of Defense ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CLNA DESCRIPTION Carolina Coastal Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CFR DESCRIPTION Cape Fear Railways ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE LRS DESCRIPTION Laurinberg & Southern Company, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE NCVA DESCRIPTION North Carolina & Virginia Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE YVRR DESCRIPTION Yadkin Valley Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE NCDOT DESCRIPTION North Carolina Department of Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CA DESCRIPTION Chesapeake & Albemarle Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE ATW DESCRIPTION Atlantic & Western Railway, LP ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE NS DESCRIPTION Norfolk Southern Corporation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CWCY DESCRIPTION Caldwell County Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE AR DESCRIPTION Aberdeen & Rockfish Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CSX DESCRIPTION CSX Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Duke Energy DESCRIPTION Duke Energy ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE HPTD DESCRIPTION High Point, Thomasville & Denton Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CTR DESCRIPTION Clinton Terminal Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT VALUE ACWR DESCRIPTION Aberdeen Carolina & Western Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field OPERATOR

## FIELD Branch

- \* ALIAS BRANCH
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION

Name assigned to the segment of rail line by the operator

DESCRIPTION SOURCE

Hide Field Branch

## FIELD Shape **>**

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION

Feature geometry.

## DESCRIPTION SOURCE

Esri

#### DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape 🔺

## FIELD TRACK\_STAT

- \* ALIAS TRACK\_STAT
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION
  - Specifies the status of the track

DESCRIPTION SOURCE NCDOT Rail Division

LIST OF VALUES VALUE Active DESCRIPTION Rail track currently operated by rail cars ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT Rail Division VALUE Inactive DESCRIPTION Rail track currently has no rail traffic ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT Rail Division

VALUE Preserved Corridor DESCRIPTION Rail track is not able to run trains at this time ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT Rail Division

Hide Field TRACK\_STAT ▲

#### FIELD PASSSERVIC

- \* ALIAS PASSSERVIC
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION

Indicates whether the rail track is operated by Amtrak

DESCRIPTION SOURCE

NCDOT Rail Division

LIST OF VALUES

VALUE Y DESCRIPTION Rail track is operated by Amtrak ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT Rail Division

VALUE N DESCRIPTION Rail track is not operated by Amtrak ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT Rail Division

Hide Field PASSSERVIC

## FIELD OWNERLONG

- \* ALIAS OWNERLONG
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Full name of person or organization that owns the rail road track

DESCRIPTION SOURCE NCDOT

LIST OF VALUES

VALUE Laurinburg & Southern Company, Inc. DESCRIPTION Laurinburg & Southern Company, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Thermal Belt Railway DESCRIPTION Thermal Belt Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Department of Defense DESCRIPTION Department of Defense ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT VALUE Charlotte Area Transit System DESCRIPTION Charlotte Area Transit System ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE North Carolina & Virginia Railroad DESCRIPTION North Carolina & Virginia Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Clinton Terminal Railroad DESCRIPTION Clinton Terminal Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Aberdeen Carolina & Western Railway DESCRIPTION Aberdeen Carolina & Western Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Norfolk Southern Corporation DESCRIPTION Norfolk Southern Corporation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Carolina Coastal Railway DESCRIPTION Carolina Coastal Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Camp Lejuene Railroad DESCRIPTION Camp Lejuene Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Great Smoky Mountains Railroad DESCRIPTION Great Smoky Mountains Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Caldwell County Railroad DESCRIPTION Caldwell County Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Carolina Southern Railroad DESCRIPTION Carolina Southern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Alexander Railroad DESCRIPTION Alexander Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Yadkin Valley Railroad DESCRIPTION Yadkin Valley Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE High Point, Thomasville & Denton Railroad DESCRIPTION High Point, Thomasville & Denton Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Atlantic & Western Railway, LP DESCRIPTION Atlantic & Western Railway, LP ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Wilmington Terminal Railroad, Inc. DESCRIPTION Wilmington Terminal Railroad, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Winston-Salem Southbound Railway DESCRIPTION Winston-Salem Southbound Railway VALUE Aberdeen & Rockfish Railroad DESCRIPTION Aberdeen & Rockfish Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Duke Energy DESCRIPTION Duke Energy ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Piedmont & Northern Railway DESCRIPTION Piedmont & Northern Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE North Carolina Department of Transportation DESCRIPTION North Carolina Department of Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Cape Fear Railways DESCRIPTION Cape Fear Railways ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Red Springs & Northern Railroad DESCRIPTION Red Springs & Northern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Chesapeake & Albemarle Railroad DESCRIPTION Chesapeake & Albemarle Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE CSX Transportation DESCRIPTION CSX Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field OWNERLONG

### FIELD OPERATORLO

- \* ALIAS OPERATORLO
- \* DATA TYPE String
- \* WIDTH 50
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Name of person or organization that operates the railroad track

DESCRIPTION SOURCE

Hide Field OPERATORLO

#### FIELD MIN\_BEGMP ►

- \* ALIAS BEGMP
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 38
- \* SCALE 8

FIELD DESCRIPTION

The lowest beginning milepost for a segment of track.

```
DESCRIPTION SOURCE
     NCDOT
  RANGE OF VALUES
    MINIMUM VALUE 0
    MAXIMUM VALUE 403.83
 Hide Field MIN_BEGMP ▲
 FIELD MAX_ENDMP ►
  * ALIAS ENDMP
  * DATA TYPE Double
   * WIDTH 8
   * PRECISION 38
   * SCALE 8
  FIELD DESCRIPTION
     The highest ending milepost for a segment of track.
   DESCRIPTION SOURCE
     NCDOT
  RANGE OF VALUES
    MINIMUM VALUE 0
    MAXIMUM VALUE 418.99
 Hide Field MAX ENDMP ▲
 FIELD Shape.STLength() 
   * ALIAS Shape.STLength()
   * DATA TYPE Double
  * WIDTH 0
  * PRECISION 0
   * SCALE 0
 Hide Field Shape.STLength() ▲
Hide Details for object RailroadTrack ▲
```

Hide Fields 🔺

## Metadata Details 🕨

METADATA LANGUAGE English (UNITED STATES) METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 0810A1B7-EDDF-412E-8707-A41CFC839B82

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset SCOPE NAME \* dataset

\* LAST UPDATE 2020-01-21

ARCGIS METADATA PROPERTIES METADATA FORMAT ArcGIS 1.0 METADATA STYLE FGDC CSDGM Metadata STANDARD OR PROFILE USED TO EDIT METADATA ISO19139 CREATED IN ARCGIS FOR THE ITEM 2019-07-02 10:49:50 LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-01-21 11:33:24

AUTOMATIC UPDATES HAVE BEEN PERFORMED Yes LAST UPDATE 2020-01-17 11:47:12

Hide Metadata Details 🔺

## Metadata Contacts 🕨

METADATA CONTACT INDIVIDUAL'S NAME Arthur Petteway ORGANIZATION'S NAME NCDOT Rail Division CONTACT'S POSITION Inventory & Data Analysis Manager CONTACT'S ROLE custodian

CONTACT INFORMATION PHONE VOICE 919 707 4121

Address Type physical Delivery point 862 Capital Blvd City Raleigh Administrative area NC Postal code 27603

Hide Contact information

Hide Metadata Contacts

## Metadata Maintenance 🕨

MAINTENANCE DATE OF NEXT UPDATE 2020-04-01 00:00:00 UPDATE FREQUENCY quarterly

Hide Metadata Maintenance

## Metadata Constraints 🕨

#### CONSTRAINTS

#### LIMITATIONS OF USE

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SECURITY CONSTRAINTS CLASSIFICATION UNCLASSIFIE CLASSIFICATION SYSTEM None

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Hide Metadata Constraints

## Thumbnail and Enclosures

THUMBNAIL THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures

## FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION ENTITY TYPE ENTITY TYPE LABEL RailroadTrack ENTITY TYPE DEFINITION Linework representing all of the freight and passenger rail in North Carolina ENTITY TYPE DEFINITION SOURCE NCDOT ATTRIBUTE ATTRIBUTE LABEL OBJECTID ATTRIBUTE DEFINITION Internal feature number. ATTRIBUTE DEFINITION SOURCE ESri ATTRIBUTE DOMAIN VALUES UNREPRESENTABLE DOMAIN Sequential unique whole numbers that are automatically generated. ATTRIBUTE ATTRIBUTE LABEL OPERATOR ATTRIBUTE DEFINITION FRA code for person or organization that operates the rail road track ATTRIBUTE DEFINITION SOURCE FRA ATTRIBUTE DOMAIN VALUES ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE WSS **ENUMERATED DOMAIN VALUE DEFINITION** Winston-Salem Southbound Railway **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE ARC **ENUMERATED DOMAIN VALUE DEFINITION** Alexander Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CPLJ **ENUMERATED DOMAIN VALUE DEFINITION** Camp Lejuene Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE RSNR ENUMERATED DOMAIN VALUE DEFINITION Red Springs & Northern Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CATS

ENUMERATED DOMAIN VALUE DEFINITION Charlotte Area Transit System **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CALA ENUMERATED DOMAIN VALUE DEFINITION Carolina Southern Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE WTRY ENUMERATED DOMAIN VALUE DEFINITION Wilmington Terminal Railroad, Inc. **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE GSMR ENUMERATED DOMAIN VALUE DEFINITION Great Smoky Mountains Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE PNRW ENUMERATED DOMAIN VALUE DEFINITION Piedmont & Northern Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE TBRY ENUMERATED DOMAIN VALUE DEFINITION Thermal Belt Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE DOD ENUMERATED DOMAIN VALUE DEFINITION Department of Defense **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CLNA ENUMERATED DOMAIN VALUE DEFINITION Carolina Coastal Railway **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CFR ENUMERATED DOMAIN VALUE DEFINITION Cape Fear Railways **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE LRS ENUMERATED DOMAIN VALUE DEFINITION Laurinberg & Southern Company, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE NCVA ENUMERATED DOMAIN VALUE DEFINITION North Carolina & Virginia Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE YVRR **ENUMERATED DOMAIN VALUE DEFINITION** Yadkin Valley Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE NCDOT ENUMERATED DOMAIN VALUE DEFINITION North Carolina Department of Transportation **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CA ENUMERATED DOMAIN VALUE DEFINITION Chesapeake & Albemarle Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE ATW ENUMERATED DOMAIN VALUE DEFINITION Atlantic & Western Railway, LP **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE NS ENUMERATED DOMAIN VALUE DEFINITION Norfolk Southern Corporation **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE CWCY ENUMERATED DOMAIN VALUE DEFINITION Caldwell County Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE AR ENUMERATED DOMAIN VALUE DEFINITION Aberdeen & Rockfish Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE CSX ENUMERATED DOMAIN VALUE DEFINITION CSX Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE Duke Energy ENUMERATED DOMAIN VALUE DEFINITION Duke Energy **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE HPTD ENUMERATED DOMAIN VALUE DEFINITION High Point, Thomasville & Denton Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE CTR ENUMERATED DOMAIN VALUE DEFINITION Clinton Terminal Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT

ENUMERATED DOMAIN VALUE ACWR **ENUMERATED DOMAIN VALUE DEFINITION** Aberdeen Carolina & Western Railway **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ATTRIBUTE ATTRIBUTE LABEL Branch ATTRIBUTE DEFINITION Name assigned to the segment of rail line by the operator ATTRIBUTE DEFINITION SOURCE NCDOT ATTRIBUTE ATTRIBUTE LABEL Shape ATTRIBUTE DEFINITION Feature geometry. ATTRIBUTE DEFINITION SOURCE ESri ATTRIBUTE DOMAIN VALUES UNREPRESENTABLE DOMAIN Coordinates defining the features. ATTRIBUTE ATTRIBUTE LABEL TRACK\_STAT ATTRIBUTE DEFINITION Specifies the status of the track ATTRIBUTE DEFINITION SOURCE NCDOT Rail Division ATTRIBUTE DOMAIN VALUES ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Active ENUMERATED DOMAIN VALUE DEFINITION Rail track currently operated by rail cars **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT Rail Division ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Inactive ENUMERATED DOMAIN VALUE DEFINITION Rail track currently has no rail traffic **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT Rail Division ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Preserved Corridor ENUMERATED DOMAIN VALUE DEFINITION Rail track is not able to run trains at this time **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT Rail Division ATTRIBUTE ATTRIBUTE LABEL PASSSERVIC ATTRIBUTE DEFINITION Indicates whether the rail track is operated by Amtrak ATTRIBUTE DEFINITION SOURCE NCDOT Rail Division ATTRIBUTE DOMAIN VALUES ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Y **ENUMERATED DOMAIN VALUE DEFINITION** Rail track is operated by Amtrak **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT Rail Division ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE N ENUMERATED DOMAIN VALUE DEFINITION Rail track is not operated by Amtrak **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT Rail Division

ATTRIBUTE ATTRIBUTE LABEL OWNERLONG ATTRIBUTE DEFINITION Full name of person or organization that owns the rail road track ATTRIBUTE DEFINITION SOURCE NCDOT ATTRIBUTE DOMAIN VALUES ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Laurinburg & Southern Company, Inc. **ENUMERATED DOMAIN VALUE DEFINITION** Laurinburg & Southern Company, Inc. **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Thermal Belt Railway ENUMERATED DOMAIN VALUE DEFINITION Thermal Belt Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Department of Defense ENUMERATED DOMAIN VALUE DEFINITION Department of Defense **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Charlotte Area Transit System ENUMERATED DOMAIN VALUE DEFINITION Charlotte Area Transit System **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE North Carolina & Virginia Railroad ENUMERATED DOMAIN VALUE DEFINITION North Carolina & Virginia Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Clinton Terminal Railroad ENUMERATED DOMAIN VALUE DEFINITION Clinton Terminal Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Aberdeen Carolina & Western Railway ENUMERATED DOMAIN VALUE DEFINITION Aberdeen Carolina & Western Railway **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Norfolk Southern Corporation ENUMERATED DOMAIN VALUE DEFINITION Norfolk Southern Corporation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Carolina Coastal Railway ENUMERATED DOMAIN VALUE DEFINITION Carolina Coastal Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Camp Lejuene Railroad ENUMERATED DOMAIN VALUE DEFINITION Camp Lejuene Railroad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE Great Smoky Mountains Railroad ENUMERATED DOMAIN VALUE DEFINITION Great Smoky Mountains Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Caldwell County Railroad ENUMERATED DOMAIN VALUE DEFINITION Caldwell County Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Carolina Southern Railroad ENUMERATED DOMAIN VALUE DEFINITION Carolina Southern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Alexander Railroad ENUMERATED DOMAIN VALUE DEFINITION Alexander Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Yadkin Vallev Railroad ENUMERATED DOMAIN VALUE DEFINITION Yadkin Vallev Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE High Point, Thomasville & Denton Railroad ENUMERATED DOMAIN VALUE DEFINITION High Point, Thomasville & Denton Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Atlantic & Western Railway, LP ENUMERATED DOMAIN VALUE DEFINITION Atlantic & Western Railway, LP **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Wilmington Terminal Railroad, Inc. ENUMERATED DOMAIN VALUE DEFINITION Wilmington Terminal Railroad, Inc. ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Winston-Salem Southbound Railway ENUMERATED DOMAIN VALUE DEFINITION Winston-Salem Southbound Railway ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Aberdeen & Rockfish Railroad ENUMERATED DOMAIN VALUE DEFINITION Aberdeen & Rockfish Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** 

ENUMERATED DOMAIN VALUE DUKE Energy ENUMERATED DOMAIN VALUE DEFINITION

Duke Energy **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Piedmont & Northern Railway ENUMERATED DOMAIN VALUE DEFINITION Piedmont & Northern Railway **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE North Carolina Department of Transportation ENUMERATED DOMAIN VALUE DEFINITION North Carolina Department of Transportation **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT **ENUMERATED DOMAIN** ENUMERATED DOMAIN VALUE Cape Fear Railways ENUMERATED DOMAIN VALUE DEFINITION Cape Fear Railways **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Red Springs & Northern Railroad ENUMERATED DOMAIN VALUE DEFINITION Red Springs & Northern Railroad ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE Chesapeake & Albemarle Railroad ENUMERATED DOMAIN VALUE DEFINITION Chesapeake & Albemarle Railroad **ENUMERATED DOMAIN VALUE DEFINITION SOURCE** NCDOT ENUMERATED DOMAIN ENUMERATED DOMAIN VALUE CSX Transportation ENUMERATED DOMAIN VALUE DEFINITION CSX Transportation ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT ATTRIBUTE ATTRIBUTE LABEL OPERATORLO ATTRIBUTE DEFINITION Name of person or organization that operates the railroad track ATTRIBUTE DEFINITION SOURCE NCDOT ATTRIBUTE ATTRIBUTE LABEL MIN BEGMP ATTRIBUTE DEFINITION The lowest beginning milepost for a segment of track. ATTRIBUTE DEFINITION SOURCE NCDOT ATTRIBUTE DOMAIN VALUES RANGE DOMAIN RANGE DOMAIN MINIMUM 0 RANGE DOMAIN MAXIMUM 403.83 ATTRIBUTE ATTRIBUTE LABEL MAX ENDMP

ATTRIBUTE DEFINITION The highest ending milepost for a segment of track. ATTRIBUTE DEFINITION SOURCE NCDOT ATTRIBUTE DOMAIN VALUES RANGE DOMAIN RANGE DOMAIN MINIMUM 0 RANGE DOMAIN MAXIMUM 418.99 ATTRIBUTE ATTRIBUTE LABEL Shape.STLength()

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