

North Carolina Rail Crossings – 4th Quarter 2020 - North Carolina Department of Transportation

SDE Feature Class



Tags

NC, North Carolina, NCDOT, Official NCDOT, Transportation, Railroad, Rail, Crossing, Railway

Summary

This dataset is made available to provide a representation of state-maintained railroad crossings for mapping, planning, and modeling purposes. Locations are approximate and data is not guaranteed to be complete.

Description

The dataset provided includes point data for use in GIS that represents public crossings in North Carolina. Only open and inactive crossings are included; closed crossings have been omitted. Attributes for each crossing include the crossing's FRA identification number and the latitude and longitude of the crossing. Crossing location and status were verified by cross-referencing Federal Railroad Administration public crossing database with North Carolina Department of Transportation Rail Division's crossing database, railroad company track charts and aerial imagery. Where in doubt, crossing status has been investigated by contacting the rail company, landowner, or municipality within whose jurisdiction the crossing falls. The attributes are derived directly from NCDOT's State Authoritative Rail and Highway (SARAH) database.

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 -84.124533 **East** -76.091013

North 36.572504 **South** 33.846568

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

[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 Transportation, Railways, Rail Crossings

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE North Carolina Rail Crossings – 4th Quarter 2020 - North Carolina Department of Transportation
PUBLICATION DATE 2020-11-09 00:00:00
CREATION DATE 2013-08-01 00:00:00
REVISION DATE 2020-10-01 00:00:00

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Jahmal Pullen
ORGANIZATION'S NAME North Carolina Department of Transportation Rail Division
CONTACT'S POSITION Engineering Coordination and Safety Manager
CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE
VOICE 9197074102

ADDRESS

TYPE physical
DELIVERY POINT 862 Capital Blvd
CITY Raleigh
ADMINISTRATIVE AREA NC
POSTAL CODE 27699
COUNTRY US
E-MAIL ADDRESS jmpullen@ncdot.gov

[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 RailroadCrossings

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Date data was obtained from State Authoritative Rail and Highway (SARAH) database.

TEMPORAL EXTENT

DATE AND TIME 2020-04-02 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -84.124533

* EAST LONGITUDE -76.091013

* NORTH LATITUDE 36.572504

* SOUTH LATITUDE 33.846568

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 493586.790479

* EAST LONGITUDE 2854613.835476

* SOUTH LATITUDE 72807.773870

* NORTH LATITUDE 1027329.782473

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Jahmal Pullen

ORGANIZATION'S NAME North Carolina Department of Transportation Rail Division

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

DATE OF NEXT UPDATE 2020-07-01 00:00:00

UPDATE FREQUENCY quarterly

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

ADDITIONAL RESTRICTIONS

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 0.0032808333333333331

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["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

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 RailroadCrossings
* OBJECT TYPE point
* OBJECT COUNT 4914

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME RailroadCrossings
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 4914
* 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 ►

MEASURE DESCRIPTION

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

QUANTITATIVE TEST RESULTS

VALUE Shape_Length

UNITS

SYMBOL [ft_us]

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

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

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Complies with SARAH data.

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►

DIMENSION horizontal

MEASURE DESCRIPTION

Various sources with varying degree of accuracy have been used over time to create/update this dataset. NCDOT used best available information at the time of editing.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Complies with current SARAH data.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

Moffatt & Nichol Engineers initially performed analysis to verify the location of every open public crossing in the state of North Carolina. Subsequent updates added all pedestrian and inactive crossings to the dataset. Dataset is updated by NCDOT Rail Division and offered as an online resource by the NCDOT GIS Unit.

Crossing locations from several sources were compared and the probable location of each crossing was determined. Sources include NCDOT Rail Division's State Authoritative Rail and Highway (SARAH) database, Federal Railroad Administration's crossing database, NCDOT State Route LRS dataset. Where study of these resources was unable to positively locate a crossing, each crossing was individually investigated by contacting the landowner or controlling municipality or the relevant railroad company.

Additional crossing attributes have been ported from the NCDOT State Authoritative Rail and Highway database (SARAH) by Simpson Engineers and Associates. These attributes are maintained as a separate data source and have been imported without any additional processing or analysis.

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2020-11-09 00:00:00

DESCRIPTION

Review Metadata and process for publication.

PROCESS CONTACT

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

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

TYPE both

DELIVERY POINT 4101 Capital Boulevard

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 email

Hide Contact information ▲

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

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION 10.5

* NAME SDE Feature Class

DISTRIBUTION FORMAT

NAME Shape File

VERSION 10.5

TRANSFER OPTIONS

ONLINE SOURCE

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

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [RailroadCrossings ►](#)

* TYPE Feature Class

ROW COUNT 4914

DEFINITION

Point data representing all open/inactive, public crossing points in North Carolina

DEFINITION SOURCE

NCDOT

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 [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 CrossingId ►

- * ALIAS CrossingID
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The US DOT Crossing Inventory Number contains six digits followed by an alpha check character. The alpha character is a check to ensure that the number is valid and provides a unique identifying number which was designed to prevent the possibility of error by ensuring that the crossing information is recorded for the correct location.

DESCRIPTION SOURCE

U.S. DOT - FRA

DESCRIPTION OF VALUES

Six digits followed by an alpha check character

Hide Field CrossingId ▲

FIELD PrfxMilePost ►

- * ALIAS PrfxMilePost
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Prefix to the railroad milepost.

DESCRIPTION SOURCE

NCDOT Rail Division

DESCRIPTION OF VALUES

3 digit-maximum code chosen by the operating railroad company

Hide Field PrfxMilePost ▲

FIELD PosXing ►

- * ALIAS PosXing
- * DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Position of the railroad relative to the crossing.

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE AT GRADE

DESCRIPTION Railroad intersects roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE RR OVER

DESCRIPTION Railroad is grade separated over roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE RR UNDER

DESCRIPTION Railroad is grade separated under roadway

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field PosXing ▲

FIELD XPurpose ►

* ALIAS XPurpose

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Purpose of the crossing.

DESCRIPTION SOURCE

NCDOT Rail Division

LIST OF VALUES

VALUE HIGHWAY

DESCRIPTION Highway use

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE PATHWAY, PED.

DESCRIPTION Pedestrian use, not within a passenger station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE STATION, PED.

DESCRIPTION Pedestrian use within a passenger station

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field XPurpose ▲

FIELD HIGHWAY_NO ►

* ALIAS HIGHWAY_NO

* DATA TYPE Integer

* WIDTH 4

* PRECISION 10

* SCALE 0

FIELD DESCRIPTION

Values represent the highway number corresponding to the highway type.

DESCRIPTION SOURCE
NCDOT

RANGE OF VALUES
MINIMUM VALUE 0
MAXIMUM VALUE 9999

[Hide Field HIGHWAY_NO ▲](#)

FIELD [HIGHWAY_TYPE ►](#)

* ALIAS HIGHWAY_TYPE
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Type of highway

DESCRIPTION SOURCE
NCDOT

LIST OF VALUES
VALUE I
DESCRIPTION Interstate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE LS
DESCRIPTION Local Street
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE NC
DESCRIPTION NC Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE NON
DESCRIPTION Pedestrian path, not a roadway
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE SR
DESCRIPTION State Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE US
DESCRIPTION US Route
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field HIGHWAY_TYPE ▲](#)

FIELD [Street ►](#)

* ALIAS Street
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Values represent the name of the highway or street. If multiple street names exist at a crossing then each is separated by a slash " / ".

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Street name spelled without abbreviations.

Hide Field Street ▲

FIELD HIGHWAY_DESIGNATION ►

* ALIAS HIGHWAY_DESIGNATION

* DATA TYPE String

* WIDTH 25

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Designation of highway

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE BYP

DESCRIPTION Bypass

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE BUS

DESCRIPTION Business

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE ALT

DESCRIPTION Alternate

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field HIGHWAY_DESIGNATION ▲

FIELD Nearest ►

* ALIAS Nearest

* DATA TYPE String

* WIDTH 25

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

In or Near municipal boundaries.

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE In

DESCRIPTION Crossing falls within municipal boundaries

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Near

DESCRIPTION Crossing does not fall within any municipal boundaries
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field Nearest ▲

FIELD CityCD ►

- * ALIAS CityCD
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Values represent the name of the city, town, or village where the crossing is located (maximum of 32 characters) which must be a valid location within the state.

DESCRIPTION SOURCE
NCDOT

DESCRIPTION OF VALUES

The City name must be recognized on the Geographic Locator Code list for the specified State listed in Item 2, State, above. The Geographic Locator Codes with updated city names and codes are available at <https://www.gsa.gov/reference/geographic-locator-codes-glcs-overview>.

Hide Field CityCD ▲

FIELD CntyCD ►

- * ALIAS CntyCD
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Values represent the county where the crossing is located. When a crossing is located on a county line, it is suggested that the crossing be inventoried in the county that is south or east geographically.

DESCRIPTION SOURCE
NCDOT

DESCRIPTION OF VALUES

NC's 100 counties

Hide Field CntyCD ▲

FIELD Railroad ►

- * ALIAS Railroad
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Values represent the valid railroad code (up to 4 letters) for the "Primary Operating Railroad" company, i.e., the railroad that operates train movements over the crossing. The primary operating railroad will

normally be the reporting railroad, but may or may not own and maintain the roadbed, tracks, and signal system controlling the crossing.

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

See FRA accepted RR codes

Hide Field Railroad ▲

FIELD MilePost ►

- * ALIAS MilePost
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 38
- * SCALE 8

FIELD DESCRIPTION

Values represent the railroad milepost number in miles and thousandths of miles.

DESCRIPTION SOURCE

NCDOT

RANGE OF VALUES

MINIMUM VALUE 0
MAXIMUM VALUE 999

Hide Field MilePost ▲

FIELD Latitude ►

- * ALIAS Latitude
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 38
- * SCALE 8

FIELD DESCRIPTION

Latitude coordinate of the crossing

DESCRIPTION SOURCE

NCDOT

RANGE OF VALUES

MINIMUM VALUE 33.945853
MAXIMUM VALUE 36.540988
UNITS OF MEASURE Decimal Degrees

Hide Field Latitude ▲

FIELD Photo_N ►

- * ALIAS Photo_N
- * DATA TYPE String
- * WIDTH 200
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Link to a picture of the crossing, facing North

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Uniform Resource Locator for Crossing photos

[Hide Field Photo_N ▲](#)

FIELD Photo_S ►

* ALIAS Photo_S

* DATA TYPE String

* WIDTH 200

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Link to a picture of the crossing, facing South

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Uniform Resource Locator for Crossing photos

[Hide Field Photo_S ▲](#)

FIELD Photo_E ►

* ALIAS Photo_E

* DATA TYPE String

* WIDTH 200

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Link to a picture of the crossing, facing East

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Uniform Resource Locator for Crossing photos

[Hide Field Photo_E ▲](#)

FIELD Photo_W ►

* ALIAS Photo_W

* DATA TYPE String

* WIDTH 200

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Link to a picture of the crossing, facing West

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Uniform Resource Locator for Crossing photos

[Hide Field Photo_W ▲](#)

FIELD Longitude ►

* ALIAS Longitude

* DATA TYPE Double

* WIDTH 8

* PRECISION 38

* SCALE 8

FIELD DESCRIPTION

Longitude coordinate of the crossing

DESCRIPTION SOURCE

NCDOT

RANGE OF VALUES

MINIMUM VALUE -84.038128

MAXIMUM VALUE -76.095401

UNITS OF MEASURE Decimal Degrees

[Hide Field Longitude ▲](#)

FIELD PolCont ►

* ALIAS PolCont

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Value represents the telephone number (area code and phone number) for the Emergency Notification System Contact (e.g., Law Enforcement, Railroad Emergency Contact or State Emergency Contact) associated with the crossing. Normally, this will be the ENS telephone number posted at the crossing or along the railroad branch line. This should be a 24-hour number that can be called to speak with an Emergency Notification Center who can send emergency responder(s) to the crossing in the event of problems, signal malfunctions, or other emergencies at the crossing. Note: 911 cannot be used as the Emergency Notification Telephone No.

DESCRIPTION SOURCE

NCDOT

DESCRIPTION OF VALUES

Any 10-digit phone number

[Hide Field PolCont ▲](#)

[Hide Details for object RailroadCrossings ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

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

METADATA IDENTIFIER DFB67FBF-D4F0-4339-8C39-498E159FF8AE

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME *dataset

* LAST UPDATE 2020-10-05

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 2020-10-05 11:47:06

LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-10-05 13:58:32

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2020-10-05 10:13:03

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Jahmal Pullen

ORGANIZATION'S NAME North Carolina Department of Transportation Rail Division

CONTACT'S POSITION Engineering Coordination and Safety Manager

CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

DATE OF NEXT UPDATE 2021-01-01 01:00:00

UPDATE FREQUENCY as needed

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

CONSTRAINTS

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CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

ADDITIONAL RESTRICTIONS

None

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)