

Freight Terminals, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



Tags Transportation, Transit, Airport, Seaport, Rail, Ferry, Military Base, North Carolina, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

Summary

This is a point dataset depicting terminal entrance locations of terminals used for the "Freight [+Military] Highway" criteria for the NC Department of Transportation (NCDOT) Prioritization 7.0 (P7.0) process. This includes: Airports, Seaports, Freight Intermodal Terminals, Military Base, Rail Depot, Major Transit Terminals, and Ferry Terminals.

Description

This is a dataset of the freight terminals used for the Freight [+ Military] Highway criteria for the NC Department of Transportation (NCDOT) Prioritization 7.0 (P7.0) process. List of terminals is comprised of the following: public freight intermodal terminals as defined by NHS (truck/rail/pipeline), seaports, inland ports, Statewide Mobility airports with large movement of freight, major military bases, major ferry terminals (annual truck traffic greater than 10,000), and large private freight intermodal terminals (truck/rail). Dataset includes all terminals within North Carolina and within 20 miles outside the state border. Point locations depict entrance(s) to each terminal.

This layer was derived from the Federal Highway Administration (FHWA), National Highway System (NHS) Intermodal Connectors data set. Intermodal Connectors are defined by the FHWA NHS as highways that "provide access between major intermodal facilities and the other four subsystems making up the National Highway System.

For the purposes of the Strategic Planning Office of Transportation Prioritization 7.0 project, data is not updated after March, 2023 (P7).

For further information about domains and fields used in SPOT see the SPOT P7 Domains document here:

<https://xfer.services.ncdot.gov/gisdot/metadata/spot/NCDOT%20SPOT%20Prioritization%207%20Online%20Domain%20Reference.pdf>

Credits

North Carolina Department of Transportation GIS Unit, Strategic Prioritization Office of Transportation (SPOT).

Use limitations

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Extent

West -82.292865

East -75.636551

North 36.851142

South 33.895159

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:150,000,000

Topics and Keywords

Themes or categories of the resource Transportation

Content type Downloadable Data

Theme keywords Transportation, Transit, Airport, Seaport, Rail, Ferry, Military Base, North Carolina, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation

Thesaurus

Title User

Publication date 2023-07-17 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Publication date 2023-07-17 00:00:00

Citation

Title Freight Terminals, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Publication date 2023-07-17 00:00:00

Presentation formats digital map

Citation Contacts

Responsible party - resource provider

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Responsible party - originator

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Resource Details

Dataset languages English (UNITED STATES)

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Credits

ArcGIS item properties

Name Freight_Terminals

Location file://\DOT\DFSROOT01\GROUPS-GISCC\GIS-SpatialDataMgmt\Metadata\Spot\BackupSchemaProd20231218\P7_Data.gdb

Access protocol Local Area Network

Extents

Extent

Temporal extent

Date and time 2019-09-01 00:00:00

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -82.292865

East longitude -75.636551

North latitude 36.851142

South latitude 33.895159

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 1035897.910907

eastBL 2984783.510504

southBL 68931.853473

northBL 1128796.807557

exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

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Voice 919.707.4742

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Contact instructions

Phone or email

Resource Maintenance

Resource maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - point of contact

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Voice 919.707.4742

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Hours of service

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Contact instructions

Phone or email

Resource Constraints

Constraints

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Security constraints

Classification unclassified

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Spatial Reference

ArcGIS coordinate system

Type Projected

Geographic coordinate reference GCS_North_American_1983

Projection NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet

Coordinate reference details

ProjectedCoordinateSystem

WKID 102719

XOrigin -121841900

YOrigin -93659000

XYScale 3048.0060960121918

ZOrigin 0

ZScale 1

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 Freight_Terminals

Object type point

Object count 80

ArcGIS Feature Class Properties

Feature class name Freight_Terminals

Feature type Simple

Geometry type Point

Has topology FALSE

Feature count 80

Spatial index TRUE

Linear referencing FALSE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Conceptual consistency

Conformance test results

Test passed Yes

Result explanation

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. Quality checks were performed by the Strategic Prioritization Office of Transportation (SPOT) and the North Carolina Department of Transportation Geographic Information Systems Unit and errors were accepted as within business range or identified as exceptions.

Product specification

Title NCDOT Geospatial Data Specifications

Publication date 2023-07-17 00:00:00

Lineage

Lineage statement

The data derived from the Federal Highway Administration (FHWA), National Highway System (NHS) Intermodal Connectors. The data were further manipulated by the North Carolina Department of Transportation Geographic Information Systems Unit and/or the North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT) to produce the required data for Prioritization 7.0.

Process step

Description

This layer was derived from the Federal Highway Administration (FHWA), National Highway System (NHS) Intermodal Connectors. Intermodal Connectors are defined by the FHWA NHS as highways that "provide access between major intermodal facilities and the other four subsystems making up the National Highway System."

Process contact - processor

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point Century Center Building B, 1020 Birch Ridge Drive

City Raleigh

Administrative area NC

Postal code 27610

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Process step

Description

Metadata is updated for publication.

Process contact - processor

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

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Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

Address

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Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Distribution format

Version ArcGIS 10.3

Name File Geodatabase Feature Class

Fields

Details for object Freight_Terminals

Type Feature Class

Row count 80

Definition

Properties in the state of North Carolina on which transportation/transit entities are located.

Definition source

NCDOT

Field OBJECTID

Alias OBJECTID

Data type OID

Width 4

Precision 0

Scale 0

Field description

Internal feature number.

Description source

Esri

Description of values

Sequential unique whole numbers that are automatically generated.

Field SHAPE

Alias Shape

Data type Geometry

Width 0

Precision 0

Scale 0

Field description

Feature geometry.

Description source

Esri

Description of values

Coordinates defining the features.

Field NAME

Alias Name

Data type String

Width 150

Precision 0

Scale 0

Field description

Name of Transportation Entity

Description source

NCDOT

Description of values

Name

Field TYPE

Alias TYPE

Data type String

Width 50

Precision 0

Scale 0

Field description

Type of Transportation Terminal

Description source

NCDOT

List of values

Value 1 - Airport

Description Airport

Enumerated domain value definition source P7 Valid Code Source

Value 2 - Seaport

Description Seaport

Enumerated domain value definition source P7 Valid Code Source

Value 3 - Freight Intermodal Terminal

Description Freight Intermodal Terminal

Enumerated domain value definition source P7 Valid Code Source

Value 4 - Military Base

Description Military Base

Enumerated domain value definition source P7 Valid Code Source

Value 5 - Rail Depot

Description Rail Depot

Enumerated domain value definition source P7 Valid Code Source

Value 6 - Major Transit Terminal

Description Major Transit Terminal

Enumerated domain value definition source P7 Valid Code Source

Value 7 - Ferry Terminal

Description Ferry Terminal

Enumerated domain value definition source P7 Valid Code Source

Description of values

Transportation terminal

Field COUNTY

Alias COUNTY

Data type String

Width 15

Precision 0

Scale 0

Field description

County in which Transportation/Transit terminal is located

Description source

NCDOT

List of values

Value 0 - Alamance

Description Alamance County

Enumerated domain value definition source NCDOT

Value 6 - Beaufort

Description Beaufort County

Enumerated domain value definition source NCDOT

Value 9 - Brunswick

Description Brunswick County

Enumerated domain value definition source NCDOT

Value 10 - Buncombe

Description Buncombe County

Enumerated domain value definition source NCDOT

Value 12 - Cabarrus

Description Cabarrus County

Enumerated domain value definition source NCDOT

Value 15 - Carteret

Description Carteret County

Enumerated domain value definition source NCDOT

Value 24 - Craven

Description Craven County

Enumerated domain value definition source NCDOT

Value 25 - Cumberland
Description Cumberland County
Enumerated domain value definition source NCDOT

Value 26 - Currituck
Description Currituck County
Enumerated domain value definition source NCDOT

Value 27 - Dare
Description Dare County
Enumerated domain value definition source NCDOT

Value 31 - Durham
Description Durham County
Enumerated domain value definition source NCDOT

Value 33 - Forsyth
Description Forsyth County
Enumerated domain value definition source NCDOT

Value 35 - Gaston
Description Gaston County
Enumerated domain value definition source NCDOT

Value 40 - Guilford
Description Guilford County
Enumerated domain value definition source NCDOT

Value 42 - Harnett
Description Harnett County
Enumerated domain value definition source NCDOT

Value 46 - Hoke
Description Hoke County
Enumerated domain value definition source NCDOT

Value 47 - Hyde
Description Hyde County
Enumerated domain value definition source NCDOT

Value 50 - Johnston
Description Johnston County
Enumerated domain value definition source NCDOT

Value 53 - Lenoir
Description Lenoir County
Enumerated domain value definition source NCDOT

Value 59 - Mecklenburg
Description Mecklenburg County
Enumerated domain value definition source NCDOT

Value 62 - Moore
Description Moore County
Enumerated domain value definition source NCDOT

Value 63 - Nash
Description Nash County
Enumerated domain value definition source NCDOT

Value 64 - New Hanover
Description New Hanover County
Enumerated domain value definition source NCDOT

Value 66 - Onslow
Description Onslow County
Enumerated domain value definition source NCDOT

Value 68 - Pamlico
Description Pamlico County
Enumerated domain value definition source NCDOT

Value 69 - Pasquotank
Description Pasquotank County
Enumerated domain value definition source NCDOT

Value 73 - Pitt
Description Pitt County
Enumerated domain value definition source NCDOT

Value 79 - Rowan
Description Rowan County
Enumerated domain value definition source NCDOT

Value 91 - Wake
Description Wake County
Enumerated domain value definition source NCDOT

Value 95 - Wayne
Description Wayne County
Enumerated domain value definition source NCDOT

Value 97 - Wilson
Description Wilson County
Enumerated domain value definition source NCDOT

Description of values

North carolina county

Metadata Details

Metadata language English (UNITED STATES)

Scope of the data described by the metadata dataset

Scope name dataset

Last update 2024-02-27

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata ISO19139

Metadata style ISO 19139 Metadata Implementation Specification

Created in ArcGIS for the item 2023-12-06 09:05:25

Last modified in ArcGIS for the item 2024-02-27 14:00:55

Automatic updates

Have been performed Yes

Last update 2024-02-27 14:00:55

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

Phone

Voice 919.707.4742

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Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Metadata Maintenance

Maintenance

Update frequency annually

Scope of the updates dataset

Maintenance contact - point of contact

Organization's name North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

Contact information

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Hours of service

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Contact instructions

Phone or email

Metadata Constraints

Constraints

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Security constraints

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file