

Designated Future Interstate Route, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



Tags Interstate, Future, Routes, Strategic Prioritization Office of Transportation (SPOT), Prioritization 7.0 (P7), Transportation, North Carolina Department of Transportation (NCDOT)

Summary

This data was created to depict routes that are designated as future interstate routes.

Description

Future interstates are designations that have been approved by the Federal Highway Administration (FHWA), designated by Congress, or ones that North Carolina Department of Transportation (NCDOT) intends to submit for approval following the completion of a project in the State Transportation Implementation Plan (STIP). Additional information on future interstates and interstate designations can be found at:

<https://connect.ncdot.gov/resources/safety/Pages/Route-Changes.aspx>

Routes were segmented per the Strategic Prioritization Office of Transportation (SPOT) office and given a letter A thru Z.

For the purposes of the Strategic Planning Office of Transportation Prioritization 7.0 project, data is not updated after July 2023.

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

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.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Extent

West -82.624027

East -76.290267

North 36.578571

South 33.844062

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 Interstate, Future, Routes, Strategic Prioritization Office of Transportation (SPOT), Prioritization 7.0 (P7), Transportation, 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 Designated Future Interstate Route, 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 4101 Capital Blvd

City Raleigh

Administrative area NC
Postal code 27604
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 postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC

Postal code 27604

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions
Phone or email

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

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

ArcGIS item properties

Name DesignatedFutureInterstateRoutes

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 -82.624027

East longitude -76.290267

North latitude 36.578571

South latitude 33.844062

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 935231.270049

eastBL 2795985.606932

southBL 53044.609657

northBL 1029538.940129

exTypeCode Yes

Resource Points of Contact

Point of contact - point of contact

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

Contact information

Phone

Voice 919.707.4742

Address

Type postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Resource Maintenance

Resource 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

Phone

Voice 919.707.4742

Address

Type postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or 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.

SPOT Online is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT Online application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT Online project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT Online, the user hereby acknowledges this statement.

Legal constraints

Limitations of use

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

SPOT Online is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either

generated by the SPOT Online application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT Online project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT Online, the user hereby acknowledges this statement.

Security constraints

Classification unclassified

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.

SPOT Online is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT Online application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT Online project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT Online, the user hereby acknowledges this statement.

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 0

ZScale 1

MOrigin -100000

MScale 10000000

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",36.1666
```

6666666666],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 DesignatedFutureInterstateRoutes
Object type composite
Object count 105

ArcGIS Feature Class Properties

Feature class name DesignatedFutureInterstateRoutes
Feature type Simple
Geometry type Polyline
Has topology FALSE
Feature count 105
Spatial index TRUE
Linear referencing TRUE

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 is for the purpose of Future interstates designations that have been approved by the Federal Highway

Administration (FHWA), 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

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

Voice 919.707.4742

Address

Type postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or email

Process step

Description

The North Carolina Department of Transportation Geographic Information Systems Unit placed the data into ArcGIS 10.8 to process and create the desired product for the Strategic Prioritization Office of Transportation (SPOT).

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

Type postal

Delivery point 4101 Capital Blvd

City Raleigh
Administrative area NC
Postal code 27604
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 DesignatedFutureInterstateRoutes

Type Feature Class
Row count 105
Definition
Future interstate routes

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 Rte_Id

Alias RID

Data type String

Width 11

Precision 0

Scale 0

Field description

The 11-digit composite route number

Description source

NCDOT

Description of values

Route ID

Field BegMp1

Alias FMEAS

Data type Double

Width 8

Precision 0

Scale 0

Field description

The beginning milepost for route at that point on the segment

Description source

NCDOT

Description of values

Begin milepost

Field EndMp1

Alias TMEAS

Data type Double

Width 8
Precision 0
Scale 0

Field description

The ending milepost for route at that point on the segment

Description source

NCDOT

Description of values

End milepost

Field FutureInterstateRouteSegment

Alias FutureInterstateRouteSegment

Data type String

Width 10

Precision 0

Scale 0

Field description

Proposed new future interstate routes.

Description source

NCDOT

Description of values

Future routes

Field Rte_Name

Alias STREET_NAM

Data type String

Width 28

Precision 0

Scale 0

Field description

The name of the street such as 'Main Street'

Description source

NCDOT

Description of values

Name of street

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.

Metadata Details

Metadata language English (UNITED STATES)

Scope of the data described by the metadata dataset

Scope name dataset

Last update 2024-02-26

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 2023-12-06 09:10:19

Last modified in ArcGIS for the item 2024-02-26 16:35:21

Automatic updates

Have been performed Yes

Last update 2024-02-26 16:35:21

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

Address

Type postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC
Postal code 27604
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

Maintenance 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

Address

Type postal

Delivery point 4101 Capital Blvd

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address spot@ncdot.gov

Hours of service

8am-5pm, M-F

Contact instructions

Phone or 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.

SPOT Online is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT Online application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT Online project data will be used for preliminary level planning, scoring,

and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Legal constraints

Limitations of use

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Security constraints

Classification unclassified

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.

SPOT On!ine is the NC Department of Transportation's online project prioritization evaluation system. All data used for scoring and evaluating projects, including scores and preliminary point-in-time cost estimates either generated by the SPOT On!ine application or provided by the user, are only intended for use in the Department's Strategic Prioritization Process. All SPOT On!ine project data will be used for preliminary level planning, scoring, and evaluation purposes only, and must undergo further review prior to use in the Department's programming process. By entering SPOT On!ine, the user hereby acknowledges this statement.

Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file