

North Carolina Comprehensive Transportation Plan State Maintained Roads, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



Tags Comprehensive Transportation Plan (CTP), CTP, State Maintained Roads, CTP State Maintained Roads, North Carolina Comprehensive Transportation Plans, NC CTP, North Carolina CTP, NC Comprehensive Transportation Plan, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

Summary

Layer based on the LRS_Arcs shapefile 1-st quarter 2019 release and shows Comprehensive Transportation Plan (CTP) designations for these facilities.

Description

A Comprehensive Transportation Plan (CTP) is a long term, long range transportation plan for municipalities, counties, and large metropolitan areas. It represents a community's consensus on the future transportation system needed to support anticipated growth and development over a twenty-five to thirty year time frame. It includes the existing system as well as improvements.

A comprehensive transportation plan is a mutually adopted legal document between the state and the local area partner(s). When a CTP is adopted by the North Carolina Department of Transportation (NCDOT), it represents the state's concurrence with the identified transportation needs and proposed recommendations. It should be clear that it does not commit the NCDOT to funding or constructing those project proposals, or to a particular cross-section.

For the purposes of the Strategic Planning Office of Transportation Prioritization 7.0 (P7) 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 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.

Extent

West -84.414889

East -75.728557

North 36.606219

South 33.763416

Scale Range

Maximum (zoomed in) 1:5,000

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

Topics and Keywords

Themes or categories of the resource Planning & Cadastral, Transportation

Content type Downloadable Data

Theme keywords Comprehensive Transportation Plan, CTP, State Maintained roads, CTP State Maintained Roads, Comprehensive Transportation Plan State Maintained Roads

Thesaurus

Title User

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

Place keywords North Carolina, NC

Thesaurus

Title User

Publication date 2019-09-01 00:00:00

Citation

Title North Carolina Comprehensive Transportation Plan State Maintained Roads, 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)

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Hours of service

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Contact instructions

Phone or email

Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

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 CTP_State_Maintained_Roads

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 -84.414889

East longitude -75.728557

North latitude 36.606219

South latitude 33.763416

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 408738.909979

eastBL 2960765.852174

southBL 46865.109877

northBL 1039606.370125

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

Phone

Voice 919.707.4742

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Contact instructions

Phone or email

Resource Maintenance

Resource 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

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Administrative area NC

Postal code 27610

Country US

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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

Classification system none

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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 3048.0060960121914

ZOrigin 0

ZScale 1

MOrigin 0

MScale 1

XYTolerance 0.00328083333333333335

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",34.3333333333334],PARAMETER["Standard_Parallel_2",36.1666666666666],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 CTP_State_Maintained_Roads
Object type composite
Object count 11044

ArcGIS Feature Class Properties

Feature class name CTP_State_Maintained_Roads
Feature type Simple
Geometry type Polyline
Has topology FALSE
Feature count 11044
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

Data is based on the LRS_Arcs Shapefile, First quarter 2019 release. It shows comprehensive transportation plan designations for these facilities.

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 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

Data provided to Strategic Planning Office of Transportation to be used in Prioritization 7.0 project.

Process contact - 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

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 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

Distribution format

Version ArcGIS 10.3

Name File Geodatabase Feature Class

Fields

Details for object CTP_State_Maintained_Roads

Type Feature Class

Row count 11044

Definition source

ESRI

Definition

Layer based on the LRS_Arcs shapefile 1-st quarter 2023 release and shows Comprehensive Transportation Plan designations for these facilities

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 TYPE

Alias TYPE
Data type String
Width 50
Precision 0
Scale 0

Field description

Designates type of roadway

Description source

NCDOT

List of values

Value Boulevard

Description Boulevard

Enumerated domain value definition source NCDOT

Value Expressway

Description Expressway

Enumerated domain value definition source NCDOT

Value Freeway

Description Freeway

Enumerated domain value definition source NCDOT

Value Major Thoroughfare

Description Major Thoroughfare

Enumerated domain value definition source NCDOT

Description of values

Type of roadway

Field STATUS

Alias STATUS

Data type String

Width 50

Precision 0

Scale 0

Field description

Designates status of roadway segment

Description source

NCDOT

List of values

Value Existing

Description Existing

Enumerated domain value definition source NCDOT

Value Needs Improvement

Description Needs Improvement

Enumerated domain value definition source NCDOT

Description of values

No domain

Field JURISDICTION

Alias JURISDICTION

Data type String

Width 50

Precision 0

Scale 0

Field description

Jurisdiction in which roadway is located

Description source

NCDOT

List of values

Value Alleghany

Description Alleghany County

Enumerated domain value definition source NCDOT

Value Anson

Description Anson County

Enumerated domain value definition source NCDOT

Value Ashe

Description Ashe County

Enumerated domain value definition source NCDOT

Value Bertie

Description Bertie County

Enumerated domain value definition source NCDOT

Value Beulaville

Description Beulaville Planning Area (in Duplin County)

Enumerated domain value definition source NCDOT

Value Brunswick

Description Brunswick County

Enumerated domain value definition source NCDOT

Value Burlington-Graham

Description Burlington-Graham Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value Cabarrus-Rowan

Description Cabarrus-Rowan Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value Caswell

Description Caswell County

Enumerated domain value definition source NCDOT

Value Chadbourn

Description Chadbourn Planning Area

Enumerated domain value definition source NCDOT

Value Clay

Description Clay County

Enumerated domain value definition source NCDOT

Value Cleveland

Description Cleveland County

Enumerated domain value definition source NCDOT

Value Columbus

Description Columbus County

Enumerated domain value definition source NCDOT

Value Davidson

Description Davidson County

Enumerated domain value definition source NCDOT

Value Davie

Description Davie County

Enumerated domain value definition source NCDOT

Value Edgecombe

Description Edgecombe County

Enumerated domain value definition source NCDOT

Value Franklin

Description Franklin County

Enumerated domain value definition source NCDOT

Value French Broad River MPO

Description French Broad River Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value Gaston

Description Gaston County

Enumerated domain value definition source NCDOT

Value Goldsboro

Description Goldsboro Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value Granville

Description Granville County

Enumerated domain value definition source NCDOT

Value Greene
Description Greene County
Enumerated domain value definition source NCDOT

Value Greensboro MPO
Description Greensboro Metropolitan Planning Organization
Enumerated domain value definition source NCDOT

Value Greenville
Description Greenville Metropolitan Planning Organization
Enumerated domain value definition source NCDOT

Value Halifax
Description Halifax County
Enumerated domain value definition source NCDOT

Value Highpoint MPO
Description Highpoint Metropolitan Planning Organization
Enumerated domain value definition source NCDOT

Value Hyde
Description Hyde County
Enumerated domain value definition source NCDOT

Value Iredell
Description Iredell County
Enumerated domain value definition source NCDOT

Value Jackson
Description Jackson County
Enumerated domain value definition source NCDOT

Value Kinston
Description City of Kinston (in Lenoir County)
Enumerated domain value definition source NCDOT

Value Lee
Description Lee County
Enumerated domain value definition source NCDOT

Value Lexington
Description City of Lexington
Enumerated domain value definition source NCDOT

Value Lincoln
Description Lincoln County
Enumerated domain value definition source NCDOT

Value Macon
Description Macon County
Enumerated domain value definition source NCDOT

Value Madison
Description Madison County
Enumerated domain value definition source NCDOT

Value Mocksville
Description Town of Mocksville
Enumerated domain value definition source NCDOT

Value Montgomery
Description Montgomery County
Enumerated domain value definition source NCDOT

Value Mooresville
Description Town of Mooresville
Enumerated domain value definition source NCDOT

Value Nash
Description Nash County
Enumerated domain value definition source NCDOT

Value Northampton
Description Northampton County
Enumerated domain value definition source NCDOT

Value Pamlico
Description Pamlico County
Enumerated domain value definition source NCDOT

Value Person
Description Person County
Enumerated domain value definition source NCDOT

Value Pitt
Description Pitt County
Enumerated domain value definition source NCDOT

Value Pittsboro
Description Town of Pittsboro
Enumerated domain value definition source NCDOT

Value Polk
Description Polk County
Enumerated domain value definition source NCDOT

Value Randolph

Description Randolph County
Enumerated domain value definition source NCDOT

Value Roanoke Rapids
Description Roanoke Rapids
Enumerated domain value definition source NCDOT

Value Robeson
Description Robeson County
Enumerated domain value definition source NCDOT

Value Rockingham
Description Rockingham County
Enumerated domain value definition source NCDOT

Value Stanly
Description Stanly County
Enumerated domain value definition source NCDOT

Value Stokes
Description Stokes County
Enumerated domain value definition source NCDOT

Value Surry
Description Surry County
Enumerated domain value definition source NCDOT

Value Swain
Description Swain County
Enumerated domain value definition source NCDOT

Value Topsail
Description Topsail Island Area (Pender and Onslow Counties)
Enumerated domain value definition source NCDOT

Value Transylvania
Description Transylvania County
Enumerated domain value definition source NCDOT

Value Troutman
Description Town of Troutman (In Iredell County)
Enumerated domain value definition source NCDOT

Value Tyrrell
Description Tyrrell County
Enumerated domain value definition source NCDOT

Value Union
Description Union County

Enumerated domain value definition source NCDOT

Value Warren

Description Warren County

Enumerated domain value definition source NCDOT

Value Wilson

Description Wilson County

Enumerated domain value definition source NCDOT

Value Winston-Salem

Description Winston-Salem Urban Area

Enumerated domain value definition source NCDOT

Value Yadkin

Description Yadkin County

Enumerated domain value definition source NCDOT

Value Yadkinville

Description Town of Yadkinville

Enumerated domain value definition source NCDOT

Value Yancey-Burnsville

Description Yancey-Burnsville

Enumerated domain value definition source NCDOT

Description of values

No domain

Field LINK

Alias LINK

Data type String

Width 150

Precision 0

Scale 0

Description source

NCDOT

Field description

Link to details of CTP study area

Description of values

No domain

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)

Metadata character set utf8 - 8 bit UCS Transfer Format

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

Standard or profile used to edit metadata ISO19139

Metadata style FGDC CSDGM Metadata

Created in ArcGIS for the item 2023-12-06 09:04:59

Last modified in ArcGIS for the item 2024-02-26 16:33:23

Automatic updates

Have been performed Yes

Last update 2024-02-26 16:33:23

Metadata Contacts

Metadata contact - 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

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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

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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Metadata Constraints

Constraints

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Security constraints

Classification unclassified

Classification system none

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file