

Comprehensive Transportation Plan Junctions, North Carolina

Department of Transportation, Prioritization 7.0, July 2023

Geodatabase Feature Class



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

Summary

This is a point feature class displaying existing and proposed Comprehensive Transportation Plan (CTP) interchanges and grade separations. Comprehensive Transportation Plans are long term, long range transportation plans for municipalities, counties and large metropolitan areas.

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 project, data is not updated after July 2023. Comprehensive Transportation Plan data is being utilized for reference only and are not directly related to the scoring of projects.

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 (NCDOT), Transportation Planning, 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 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 -84.202986

East -75.898886

North 36.577657

South 33.822684

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, Planning & Cadastral

Content type Downloadable Data

Theme keywords Comprehensive Transportation Plan, Junctions, CTP, CTP Junctions, Comprehensive Transportation Plan Junctions

Thesaurus

Title User

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

Place keywords North Carolina, NC

Thesaurus

Title User

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

Citation

Title Comprehensive Transportation Plan Junctions, North Carolina Department of Transportation, Prioritization 7.0, July 2023

Alternate titles CTP_Junctions

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

Presentation formats digital map

Citation Contacts

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 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 - resource provider

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

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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 (NCDOT), Transportation Planning, Strategic Prioritization Office of Transportation (SPOT)

ArcGIS item properties

Name CTP_Junctions

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

Access protocol Local Area Network

Extents

Extent

Geographic extent

Bounding rectangle

West longitude -83.629765

East longitude -75.898886

South latitude 33.84336

North latitude 36.577657

Extent contains the resource Yes

Extent

Geographic extent

Bounding rectangle

Extent type

Extent used for searching

West longitude -84.202986

East longitude -75.898886

North latitude 36.577657

South latitude 33.822684

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 470581.083538

eastBL 2911034.612398

southBL 65263.224327

northBL 1029206.253786

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

Address

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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

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

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Type postal

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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

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 0.0032808333333333335
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 CTP_Junctions
Object type point
Object count 1887

ArcGIS Feature Class Properties

Feature class name CTP_Junctions
Feature type Simple
Geometry type Point
Has topology FALSE
Feature count 1887
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 2019-09-01 00:00:00

Lineage

Lineage statement

Comprehensive Transportation Plan Junctions are created as part of the CTP Development process and are based off of aerial photography.

Process step

Description

Junctions selected based off of aerial photography.

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 6.0 project.

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

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_Junctions

Type Feature Class

Row count 1887

Definition

This is a point feature class displaying existing and proposed comprehensive transportation plan (CTP) interchanges and grade separations.

Definition source

NCDOT

Field JURISDICTION

Alias JURISDICTION

Data type String

Width 50

Precision 0

Scale 0

Field description

Jurisdiction in which junction is located

Description source

NCDOT

List of values

Value BRUNSWICK

Description Brunswick County

Enumerated domain value definition source NCDOT

Value GOLDSBORO

Description Goldsboro Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value LEXINGTON

Description City of Lexington

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 DAVIDSON

Description Davidson 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 DAVIE

Description Davie 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 MACON
Description Macon County
Enumerated domain value definition source NCDOT

Value ROCKINGHAM
Description Rockingham County
Enumerated domain value definition source NCDOT

Value CASWELL
Description Caswell County
Enumerated domain value definition source NCDOT

Value STOKES
Description Stokes County
Enumerated domain value definition source NCDOT

Value EDGECOMBE
Description Edgecombe County
Enumerated domain value definition source NCDOT

Value JACKSON
Description Jackson County
Enumerated domain value definition source NCDOT

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

Value COLUMBUS
Description Columbus County
Enumerated domain value definition source NCDOT

Value CHADBOURN
Description Chadbourn Planning Area
Enumerated domain value definition source NCDOT

Value CLEVELAND
Description Cleveland County
Enumerated domain value definition source NCDOT

Value ROBESON
Description Robeson 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 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 WILSON
Description Wilson County
Enumerated domain value definition source NCDOT

Value UNION
Description Union County
Enumerated domain value definition source NCDOT

Value YADKINVILLE
Description Town of Yadkinville
Enumerated domain value definition source NCDOT

Value MONTGOMERY
Description Montgomery County
Enumerated domain value definition source NCDOT

Value WARREN
Description Warren County
Enumerated domain value definition source NCDOT

Value FRANKLIN
Description Franklin County
Enumerated domain value definition source NCDOT

Value BURLINGTON-GRAHAM
Description Burlington-Graham Metropolitan Planning Organization
Enumerated domain value definition source NCDOT

Value POLK
Description Polk County
Enumerated domain value definition source NCDOT

Value MOORESVILLE
Description Town of Mooresville
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 PERSON

Description Person County

Enumerated domain value definition source NCDOT

Value BEULAVILLE

Description Beulaville Planning area (in Duplin County)

Enumerated domain value definition source NCDOT

Value BERTIE

Description Bertie County

Enumerated domain value definition source NCDOT

Value MADISON

Description Madison County

Enumerated domain value definition source NCDOT

Value NASH

Description Nash County

Enumerated domain value definition source NCDOT

Value HARNETT

Description Harnett County

Enumerated domain value definition source NCDOT

Value CABARRUS-ROWAN

Description Cabarrus-Rowan Metropolitan Planning Organization

Enumerated domain value definition source NCDOT

Value HALIFAX

Description Halifax 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 PITT

Description Pitt County

Enumerated domain value definition source NCDOT

Value LINCOLN
Description Lincoln County
Enumerated domain value definition source NCDOT

Value HIGH POINT MPO
Description High Point Metropolitan Planning Organization
Enumerated domain value definition source NCDOT

Value CURRITUCK
Description Currituck County
Enumerated domain value definition source NCDOT

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

Value ANSON
Description Anson County
Enumerated domain value definition source NCDOT

Value GRANVILLE
Description Granville County
Enumerated domain value definition source NCDOT

Value JOHNSTON
Description Johnston County
Enumerated domain value definition source NCDOT

Value ALLEGHANY
Description Alleghany County
Enumerated domain value definition source NCDOT

Description of values

No domain

Field TYPE

Alias TYPE

Data type String

Width 50

Precision 0

Scale 0

Field description

Type of Junction/Proposed Junction

Description source

NCDOT

List of values

Value INTERCHANGE

Description Interchange

Enumerated domain value definition source NCDOT

Value GRADE SEPARATION

Description Grade Separation - a crossing that uses an underpass or overpass.

Enumerated domain value definition source NCDOT

Description of values

No domain

Field STATUS

Alias STATUS

Data type String

Width 50

Precision 0

Scale 0

Field description

Junction Status

Description source

NCDOT

List of values

Value EXISTING

Description Junction is Existing

Enumerated domain value definition source NCDOT

Value PROPOSED

Description Junction is Proposed in CTP

Enumerated domain value definition source NCDOT

Description of values

No domain

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 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.

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 09:04:43

Last modified in ArcGIS for the item 2024-02-26 16:29:45

Automatic updates

Have been performed Yes

Last update 2024-02-26 16:29:45

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 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

Metadata Maintenance

Maintenance

Update frequency as needed

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

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Contact instructions

Phone or email

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