

# DOT Funding Regions, North Carolina Department of Transportation, Prioritization 7.0, July 2023 Geodatabase Feature Class



**Tags** Funding Region, Planning Cadastre, DOT Division Boundary, North Carolina, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

## Summary

North Carolina is divided into 7 state DOT funding regions. This feature class provides polygon locations and related information for the regions. The relationships between NCDOT highway divisions and state funding regions are as follows: A (Division Pairs 1 & 4): B (Division Pairs 2 & 3): C (Division Pairs 5 & 6): D (Division Pairs 7 & 9): E (Division Pairs 8 & 10): F (Division 11 & 12): G (Division 13 & 14)

## Description

This feature class provides polygon location information for the North Carolina State funding regions (A, B, C, D, E, F and G). Created from 2018 County Division data to reflect updates in County Divisions.

For the purposes of the Strategic Planning Office of Transportation Prioritization (SPOT) 7.0 project, data is not updated after March 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 Geodetic Survey, North Carolina Department of Transportation (NCDOT), 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 constructed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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## Extent

**West** -84.422109  
**East** -75.416032  
**North** 36.617254  
**South** 33.730554

## 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, Boundaries

**Content type** Downloadable Data

**Theme keywords** Funding Region, Planning Cadastre, DOT Division Boundary, North Carolina, Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT), North Carolina Department of Transportation (NCDOT)

### 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

**Other keywords** County Boundary, North Carolina, State Boundary

## Citation

**Title** DOT Funding Regions, 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

**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** postal

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## 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 Geodetic Survey, North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT)

## ArcGIS item properties

**Name** DOTFundingRegions

**Size** 0.000

**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** -84.422111

**East longitude** -75.416034

**South latitude** 33.730557

**North latitude** 36.617257

**Extent contains the resource** Yes

### Temporal extent

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

### Extent

#### Geographic extent

##### Bounding rectangle

##### Extent type

Extent used for searching

**West longitude** -84.422109

**East longitude** -75.416032

**North latitude** 36.617254

**South latitude** 33.730554

**Extent contains the resource** Yes

### Extent in the item's coordinate system

**westBL** 406832.628358

**eastBL** 3052480.022092

**southBL** 34987.950232

**northBL** 1043624.415895

**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

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**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)

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**Phone**

**Voice** 919.707.4742

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**Hours of service**

8am-5pm

**Contact instructions**

Phone or email

## Resource Constraints

### Constraints

#### Limitations of use

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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** 3048.0060960121918

**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",34.3333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2264]]
```

## Reference system identifier

**Value** 0  
**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** DOTFundingRegions  
**Object type** composite  
**Object count** 7

### ArcGIS Feature Class Properties

**Feature class name** DOTFundingRegions  
**Feature type** Simple  
**Geometry type** Polygon  
**Has topology** FALSE  
**Feature count** 7  
**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

Original map provided by North Carolina Division of Transportation. 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

Using the AutoCAD with the AutoCAD map file that had the most up to date linework a Topology was created that easily exports into a polygon shapefile.

#### Rationale

Funding regions were drawn as lines in AutoCAD and they needed to be converted into polygons.

### 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

**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

Added object data to funding polygons.

#### Rationale

County polygons needed to have attribute data.

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#### Hours of service

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Phone or email

## Process step

### Description

Metadata is updated for publication

## Process contact - processor

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## Source data

## Description

North Carolina Division of Transportation

## 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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##### Hours of service

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### Distribution format

**Version** ArcGIS 10.3

**Name** File Geodatabase Feature Class

### Transfer options

**Transfer size** 9.911

## Fields

### Details for object DOTFundingRegions

**Type** Feature Class

**Row count** 7

#### Definition source

NCGS

#### Definition

Funding regions

#### 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\_Area**

**Alias** Shape\_Area

**Data type** Double

**Width** 8

**Precision** 0

**Scale** 0

### **Field description**

Area of feature in internal units squared.

### **Description source**

ESRI

### **Description of values**

Positive real numbers that are automatically generated.

## **Field FundingRegion**

**Alias** FundingRegion

**Data type** String

**Width** 1

**Precision** 0

**Scale** 0

### **Field description**

Letter representing the funding regions

### **Description source**

NCDOT

### **Description of values**

No domain

## **Field DivisionPairs**

**Alias** DivisionPairs

**Data type** String

**Width** 10

**Precision** 0

**Scale** 0

### Field description

Pairs of Divisions that make up the Funding Region

### Description source

NCDOT

### 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.

## 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.

## 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 09:05:16  
**Last modified in ArcGIS for the item** 2024-02-26 16:38:56

## Automatic updates

**Have been performed** Yes  
**Last update** 2024-02-26 16:38:56

## Item location history

**Item copied or moved** 2014-03-06 10:19:01  
**To** \\ncemjfhqfs01\Geodetic Survey\OFFICIAL BASE Map State-County\Published Maps\2013-11-21\NC\_State\_County\_Boundary\_NAD83-86  
**From** Y:\OFFICIAL BASE Map State-County\Published Maps\2013-11-21\test  
harn\NC\_State\_County\_Boundary\_NAD83-86

## Metadata Contacts

### Metadata contact - resource provider

**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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**Country** US

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#### Hours of service

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### 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)

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**Voice** 919.707.4742

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### Constraints

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## Security constraints

**Classification** unclassified

**Classification system** none

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## Thumbnail and Enclosures

### Thumbnail

#### Thumbnail type

Image file