# North Carolina Bicycle and Pedestrian Incidents, North Carolina Department of Transportation, Prioritization 7.0, July 2023

## **File Geodatabase Feature Class**



**Tags** 

Bicycle Incidents, Pedestrian Incidents, Crashes, North Carolina, North Carolina Department of Transportation (NCDOT), Prioritization 7.0 (P7), Strategic Prioritization Office of Transportation (SPOT)

#### **Summary**

Point Feature Class displaying Bike and Pedestrian incidents for use in Strategic Prioritization Office of Transportation (SPOT) P7.

## **Description**

Feature class displays merged data of North Carolina Bike Crashes and Pedestrian Crashes from **2018-2022**. Crash type is displayed in the TYPE field which is listed as either Bike or Ped. Crash Severity is displayed in the CrashSevr field and its correspondingnumeric value is displayed in the Numeric Value field.

Crash Severity	<b>Numeric Value</b>
K: Killed	76.8
A: Suspected Serious Injury	76.8
B: Suspected Minor Injury	8.4
C: Possible Injury	8.4
O: No Injury	1.0
Unknown Injury	0

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 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 -84.300273 East -75.426011
North 36.582629 South 33.760836
Scale Range

Maximum (zoomed in) 1:5,000
```

Maximum (zoomed in) 1:5,000 Minimum (zoomed out) 1:150,000,000

## ArcGIS Metadata ▶

## **Topics and Keywords** ▶

THEMES OR CATEGORIES OF THE RESOURCE transportation

\* CONTENT TYPE Downloadable Data

PLACE KEYWORDS North Carolina

THESAURUS TITLE User

PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Bicycle Incidents, Pedestrian Incidents, Crashes, North Carolina, North Carolina Department of Transportation (NCDOT), Prioritization 7.0 (P7)

THESAURUS

TITLE User

PUBLICATION DATE 2023-07-17 00:00:00

Hide Thesaurus

Hide Topics and Keywords ▲

#### **Citation** ▶

TITLE North Carolina Bicycle and Pedestrian Incidents, North Carolina Department of Transportation, Prioritization 7.0, July 2023

PUBLICATION DATE 2023-07-17 00:00:00

PRESENTATION FORMATS \* digital map

Hide Citation ▲

## **Citation Contacts** ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE resource provider

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
        Hide Contact information ▲
   RESPONSIBLE PARTY
     ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of
    Transportation (SPOT)
    CONTACT'S ROLE originator
      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
        Hide Contact information ▲
   Hide Citation Contacts
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)

## **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 -84.300273
- \* EAST LONGITUDE -75.426011
- \* NORTH LATITUDE 36.582629
- \* SOUTH LATITUDE 33.760836
- \* EXTENT CONTAINS THE RESOURCE Yes

## EXTENT IN THE ITEM'S COORDINATE SYSTEM

- \* WEST LONGITUDE 442026.490385
- \* EAST LONGITUDE 3050001.275737
- \* SOUTH LATITUDE 44185.764514
- \* NORTH LATITUDE 1031016.427659
- \* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

## **Resource Points of Contact**

#### POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE point of contact

#### CONTACT INFORMATION >

PHONE

VOICE 919.707.4742

#### **A**DDRESS

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

Hide Contact information ▲

Hide Resource Points of Contact ▲

#### Resource Maintenance >

RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

#### Scope of the updates dataset

#### MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit CONTACT'S POSITION GIS Help Desk CONTACT'S ROLE point of contact

CONTACT INFORMATION >

**PHONE** 

VOICE 919.707.2165 FAX 919.707.2210

#### 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 gishelp@ncdot.gov

Hours of Service

8am to 5pm, M-F

**CONTACT INSTRUCTIONS** 

Phone or email

Hide Contact information A

Hide Resource Maintenance

## **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 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 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.

Hide Resource Constraints A

## 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

PROJECTED COORDINATE SYSTEM

Well-known identifier 102719

X ORIGIN -121841900

Y ORIGIN -93659000

XY SCALE 3048.0060960121918

Z ORIGIN 0

Z SCALE 1

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.00328083333333333333

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 2264

**WELL-KNOWN TEXT** 

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",-

#### 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 NCBikePed Incidents \* OBJECT TYPE point \* OBJECT COUNT 15198 Hide Vector ▲ ARCGIS FEATURE CLASS PROPERTIES FEATURE CLASS NAME NCBikePed\_Incidents \* FEATURE TYPE Simple \* GEOMETRY TYPE Point \* HAS TOPOLOGY FALSE \* FEATURE COUNT 15198 \* SPATIAL INDEX TRUE \* LINEAR REFERENCING FALSE Hide ArcGIS Feature Class Properties ▲ Hide Spatial Data Properties ▲

## Data Quality ▶

Scope of quality information Resource Level dataset

**RESULT EXPLANATION** 

Hide Scope of quality information ▲

Data quality report - Conceptual consistency
Conformance test results
Test passed Yes

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

Hide Product specification ▲

## **Lineage** ▶

#### LINEAGE STATEMENT

Feature class displays merged data of North Carolina Bike Crashes and Pedestrian Crashes from 2011 - 2015. 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.



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

#### PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE processor



Hide Process step ▲



Metadata is updated for publication

#### PROCESS 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
      Hide Contact information ▲
  Hide Process step ▲
Hide Lineage ▲
```

## **Distribution** >

```
DISTRIBUTOR
 CONTACT INFORMATION
  ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of
  Transportation (SPOT)
  CONTACT'S ROLE distributor
    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
      Hide Contact information ▲
```

#### DISTRIBUTION FORMAT

**VERSION ArcGIS 10.3** 

\* NAME File Geodatabase Feature Class

Hide Distribution ▲

## Fields ▶

#### DETAILS FOR OBJECT NCBikePed Incidents ▶

- \* Type Feature Class
- \* ROW COUNT 15198

**DEFINITION** 

Point Feature Class displaying Bike and Pedestrian incidents for use in Strategic Prioritization Office of Transportation P7.

#### **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.

#### Hide Field OBJECTID ▲

## 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 CrashSevr >

- \* ALIAS CrashSevr
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Crash Severity Types per Bike/Ped incidents

#### **DESCRIPTION SOURCE**

**NCDOT** 

#### **DESCRIPTION OF VALUES**

Severity types

## Hide Field CrashSevr ▲

## FIELD Type ►

- \* ALIAS Type
- \* DATA TYPE String
- \* WIDTH 5
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Type of Crash

#### **DESCRIPTION SOURCE**

NCDOT

## **DESCRIPTION OF VALUES**

Type of crash

## Hide Field Type ▲

## FIELD NumericValue ▶

- \* ALIAS NumericValue
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

## FIELD DESCRIPTION

Numerical values as assigned to Crash Severities

## DESCRIPTION SOURCE

NCDOT

## **DESCRIPTION OF VALUES**

Numerical values

Hide Details for object NCBikePed Incidents ▲

Hide Fields ▲

## **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

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2023-12-06 09:05:37

LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-02-26 16:49:20

**AUTOMATIC UPDATES** 

HAVE BEEN PERFORMED Yes

LAST UPDATE 2024-02-26 16:49:20

Hide Metadata Details ▲

## **Metadata Contacts** ▶

METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE point of contact

CONTACT INFORMATION >

PHONE

VOICE 919.707.2165 FAX 919.707.2210

**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 gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

**CONTACT INSTRUCTIONS** 

Phone or email

Hide Contact information ▲

## Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY annually

Scope of the updates dataset

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Strategic Prioritization Office of Transportation (SPOT)

CONTACT'S ROLE point of contact

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

Hide Contact information ▲

Hide Metadata Maintenance ▲

#### 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 Online, the user hereby acknowledges this statement.

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.

Hide Metadata Constraints A