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

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Extent

West -84.300273
East -75.426011
North 36.582629
South 33.760836

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 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

Place keywords North Carolina

Thesaurus
Title User
Publication date 2023-07-17 00:00:00

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

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)

Contact information
Phone
Voice 919.707.4742
Address
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Delivery point Century Center Building B, 1020 Birch Ridge Drive
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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 NCBikePed_Incidents

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 -84.300273

East longitude -75.426011

North latitude 36.582629

South latitude 33.760836

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 442026.490385

eastBL 3050001.275737

southBL 44185.764514

northBL 1031016.427659

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

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

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 Geographic Information Systems Unit
Contact's position   GIS Help Desk

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

Resource Constraints

Constraints
Limitations of use

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Legal 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   3048.0060960121918
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",D
ATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwic
h",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["Fals
e_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 NCBikePed_Incidents
Object type point
Object count 15198

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

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

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.

Process step
Description

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 - 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 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.

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

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

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

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   16:53:45

Automatic updates
Have been performed   Yes
Last update   2024-02-26   16:53:45

Metadata Contacts

Metadata contact - point of contact
Organization's name   North Carolina Department of Transportation Geographic Information Systems Unit
Contact's position   GIS Help Desk

Contact information
Phone
Voice   919.707.2165
Fax   919.707.2210
Address
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e-mail address   gishelp@ncdot.gov
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8am to 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