Modes of Transportation Projects Points, North Carolina Department of Transportation (NCDOT), Prioritization 7.0, July 2023

Geodatabase Feature Class

Tags   Projects, Modes, Bike, Ped, Aviation, Rail, Transit, Ferry, Transportation, North Carolina Department of Transportation (NCDOT), Strategic Prioritization Office of Transportation (SPOT)

Summary

The purpose of this point data is to display Bike/Ped, Aviation, Rail, Transit, and Ferry projects. These projects that are scored and considered for Prioritization 7.0.

Description

The N.C. Department of Transportation (NCDOT) uses a transparent, systematic and data-driven process for prioritizing the major transportation in North Carolina and making investment decisions. Projects are evaluated based on their merit through an analysis of the existing and future conditions, the benefits the project is expected to provide, the project's multi-modal characteristics and how the project fits in with local priorities. Each of NCDOT's modes uses a data-driven approach for ranking projects. The outcome of the strategic prioritization process serves as input to the Draft State Transportation Improvement Program.

This feature class is used to store point Bike/Ped, Aviation, Rail, Transit, Ferry, projects that are scored and considered for Prioritization 7.0. Projects are identified by a Strategic Prioritization Office of Transportation Identification number (SPOTID) and include fields/information, such as Deleted (Y/N), GroupID (Project Submitter ID), Project Status (Draft or Submitted), Mode, Type of User (the type of user who submitted project).

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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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.

Extent

West -83.933157
East -75.584805
North 36.502225
South 33.811951

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 Transportation, NCDOT, Projects, Points

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 Modes of Transportation Projects Points, North Carolina Department of Transportation (NCDOT), Prioritization 7.0, July 2023
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 Geographic Information Systems Unit
Contact's position GIS Help Desk

Contact information
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Voice 919.707.2165
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Administrative area NC
Postal code 27610
Country US
e-mail address gishelp@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)

Contact information
Phone
Voice 919.707.4742
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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 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 NonGISMode_Projects
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   -83.933157
East longitude   -75.584805
North latitude   36.502225
South latitude   33.811951
Extent contains the resource   Yes

Extent in the item's coordinate system
westBL   548665.855190
eastBL   3004319.125960
southBL   57488.278591
northBL   1001739.922564
exTypeCode   Yes

Resource Points of Contact

Point of 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

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
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 Constraints

Constraints
Limitations of use

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Legal constraints
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Security constraints
Classification   unclassified
Classification system   none

Limitations of use
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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   3048.0060960121928
ZOrigin   0
ZScale   1
MOrigin   0
MScale   1
XYTolerance   0.0032808333333333331
ZTolerance   2
MTolerance   2
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["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   NonGISMode_Projects
Object type   point
Object count   820

ArcGIS Feature Class Properties
Feature class name   NonGISMode_Projects
Feature type   Simple
Geometry type   Point
Has topology   FALSE
Feature count   820
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

The data was prepared by the Strategic Prioritization Office of Transportation (SPOT) group. This data contains point project spatial location. It is a feature class that contains carryover point projects from past Prioritization cycle as well as new projects inputted into the SPOT On!ine user per Prioritization cycle. This data includes information such as the SPOTID, Roadway Location Type, Deleted (Y/N), GroupID (who submitted), Mode (Transportation type), and Project Statue (Draft/Submitted).

Process step

Description

Data is prepared by the Strategic Prioritization Office of Transportation (SPOT) unit.

Process contact - processor

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-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 Geographic Information Systems Unit

Contact's position   GIS Help Desk

Contact information

Phone

Voice   919.707.2165

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Type   postal
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Postal code   27610
Country   US
e-mail address   gishelp@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
Name   File Geodatabase Feature Class
Version   10.5.1

Fields

Details for object NonGISMode_Projects
Type   Feature Class
Row count   820

Definition
Point feature class displaying Bike/Ped, Aviation, Rail, Transit, and Ferry projects.

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 Deleted
Alias   Deleted
Data type   SmallInteger
Width   2
Precision   0
Scale   0

Field description
Field to designate if project was deleted or not

Description source
NCDOT GIS

Description of values
Deleted project

Field GroupID
Alias   GroupID
Data type   SmallInteger
Width   2
Precision   0
Scale   0

Field description

Field to determine numeric ID of group who submitted project and cooresponds to the field TypeofUser. The combination provides the identity of who submitted the project ie Division, MPO, or RPO user.

Description source
NCDOT GIS

Description of values
Submitted projects

Field ProjectStatus
Alias   ProjectStatus
Data type   SmallInteger
Width   2
Precision   0
Scale   0

Field description
Field to define status of project

Description source
NCDOT GIS

List of values
Value   Draft
Description   Draft
Enumerated domain value definition source   Valid Project Status

Value   Submitted
Description   Submitted
Enumerated domain value definition source   Valid Project Status

Description of values
Project status

Field Mode
Alias   ProjectType
Data type   SmallInteger
Width   2
Precision   0
Scale   0

Field description
The mode describes the defined transportation for this project.

Description source
NCDOT GIS

List of values

Value Unassigned
Description Unassigned
Enumerated domain value definition source Valid Project Type

Value Highway
Description Highway
Enumerated domain value definition source Valid Project Type

Value Bicycle & Pedestrian
Description Bicycle & Pedestrian
Enumerated domain value definition source Valid Project Type

Value Rail
Description Rail
Enumerated domain value definition source Valid Project Type

Value Aviation
Description Aviation
Enumerated domain value definition source Valid Project Type

Value Ferry
Description Ferry
Enumerated domain value definition source Valid Project Type

Value Public Transit
Description Public Transit
Enumerated domain value definition source Valid Project Type

Value All
Description All
Enumerated domain value definition source Valid Project Type

Value NA
Description NA
Enumerated domain value definition source Valid Project Type

Description of values

mode of project

Field SPOTID

Alias SPOTID
Data type String
Width 10
Precision 0
Scale 0

Field description

Gives the Strategic Prioritization Office of Transportation (SPOT) Identification number that is designated to a specific project.

Description source
NCDOT GIS

Field TypeOfUser
Alias TypeOfUser
Data type SmallInteger
Width 2
Precision 0
Scale 0

Field description
Field to define the type of user that submitted project. The user is either Division, RPO, or MPO

Description source
NCDOT GIS

List of values
Value MPO
Description MPO
Enumerated domain value definition source Valid User Type

Value RPO
Description RPO
Enumerated domain value definition source Valid User Type

Value Division
Description Division
Enumerated domain value definition source Valid User Type

Value Mode
Description Mode
Enumerated domain value definition source Valid User Type

Value Spot
Description Spot
Enumerated domain value definition source Valid User Type

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 ProjectCategory
Alias   Project Category
Data type   SmallInteger
Width   2
Precision   0
Scale   0

Field ShapeJSON
Alias   ShapeJSON
Data type   String
Width   2000
Precision   0
Scale   0

Field description
Field used to define coordinates used to make specific SIT's visible in SPOT On!ine application

Description source
NCDOT GIS

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   09:10:54
Last modified in ArcGIS for the item   2024-02-26   16:57:21

Automatic updates
Have been performed   Yes

Last update 2024-02-26 16:57:21

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
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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   annually

Maintenance 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
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Administrative area   NC
Postal code   27610
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e-mail address   spot@ncdot.gov
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Phone or email

Metadata Constraints

Constraints
Limitations of use

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Security constraints
Classification   unclassified
Classification system   none

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Thumbnail and Enclosures

Thumbnail
Thumbnail type
Image file