

Move Forward List (Lines), January 2023 - NC Department of Transportation

Geodatabase Feature Class



Tags Move Forward list, let, Project Move Forward Status, STIP, lines, points, EAU, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS

Summary

This dataset was originally created in November 2021 and updated in January 2023 as part of the Project ATLAS initiative at NCDOT to support the EAU with project delivery in the development phase.

The Move Forward List lines layer was created to be used by the EAU and other project delivery stakeholders to make available specific data related to Project Move Forward status for the purpose of updating a new GIS layer, based on the STIP that will reflect the Move Forward Status of a project. Move forward status is the status for a project that is scheduled to be let.

The STIP layer depicts NCDOT's Transportation Improvement Program (STIP) Projects.

Web Services for STIP -

<https://ncdot.maps.arcgis.com/apps/mapviewer/index.html?webmap=cb02f4f828974670ad01bb83be91b18c>

Description

The Move Forward List lines layer is a statewide polyline layer depicting STIP project lines with their Move Forward Status. Move forward status is the status for a project that is scheduled to be let and are of the following types: PE, Utilities and ROW. This status is determined based on the type of project and is stored in the NCDOT Enterprise Business Services System SAP.

Datasets developed under Project ATLAS do not replace any field work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

Credits

The EAU within NCDOT was tasked to create this dataset.

The STIP Unit of NCDOT is responsible for the development of the STIP layer.

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.

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Extent

West -84.193944

East -75.571934

North 36.599889

South 33.778053

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

Topics and Keywords

Themes or categories of the resource Oceans, Boundaries, Location, Transportation, Environment

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords Move Forward list, let, Project Move Forward Status, STIP, lines, points, EAU, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS

Thesaurus

Title User

Creation date 2022-12-01 00:00:00

Publication date 2023-01-12 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Creation date 2022-12-01 00:00:00

Publication date 2023-01-12 00:00:00

Citation

Title Move Forward List (Lines), January 2023 - NC Department of Transportation

Creation date 2022-12-01 00:00:00

Publication date 2023-01-12 00:00:00

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address ATLAS@ncdot.gov

Hours of service

9:00am – 5:00pm Monday - Friday

Contact instructions

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

Responsible party - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

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Responsible party - resource provider

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

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Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Status completed

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

Credits

The EAU within NCDOT was tasked to create this dataset.

The STIP Unit of NCDOT is responsible for the development of the STIP layer.

Extents

Extent

Description

Data collection will continue year round.

Geographic extent

Bounding rectangle

West longitude -84.421752

East longitude -75.418246

South latitude 33.7333

North latitude 36.617735

Extent contains the resource Yes

Temporal extent

Beginning date 2022-12-01 00:00:00

Ending date 2022-12-01 00:00:00

Extent

Geographic extent

Bounding rectangle

Extent type Extent used for searching

West longitude -84.193944

East longitude -75.571934

North latitude 36.599889

South latitude 33.778053

Extent contains the resource Yes

Extent in the item's coordinate system

westBL 473667.740094

eastBL 3006878.620841

southBL 48841.368719

northBL 1037301.360956

exTypeCode Yes

Resource Points of Contact

Point of contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

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Voice 919-707-6136

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Resource Maintenance

Resource maintenance

Update frequency weekly

Scope of the updates dataset

Other maintenance requirements

This layer is to be automatically updated when there is an update to the STIP layer.

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Delivery point 4101 Capital Boulevard

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Resource Constraints

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 -6575.3845879999972

ZScale 10000

MOrigin -1102.3921735000035

MScale 10000

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["79.0"],PARAMETER["Standard Parallel 1",34.33333333333334],PARAMETER["Standard Parallel 2",36.16666666666666
```

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 MoveForwardListLine

Object type composite

Object count 1340

ArcGIS Feature Class Properties

Feature class name MoveForwardListLine

Feature type Simple

Geometry type Polyline

Has topology FALSE

Feature count 1340

Spatial index TRUE

Linear referencing FALSE

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Completeness omission

Data quality measure reference

Measure description

After processing, the dataset is checked for drawing display and number of records and file sizes compared with source materials.

Conformance test results

Test passed Yes

Result explanation

Pass

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2021-09-01 00:00:00

Publication date 2021-11-26 00:00:00

Data quality report - Conceptual consistency

Data quality measure reference

Measure description

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. The geometry is checked for invalid geometries.

Conformance test results

Test passed Yes

Result explanation

Pass

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2021-09-01 00:00:00

Publication date 2021-11-26 00:00:00

Data quality report - Quantitative attribute accuracy

Data quality measure reference

Measure description

Geometry checks were conducted using ESRI's Data Reviewer tool.

Conformance test results

Test passed Yes

Result explanation

Pass

Product specification

Title NCDOT Geospatial Data Specifications

Creation date 2021-09-01 00:00:00

Publication date 2021-11-26 00:00:00

Lineage

Lineage statement

This dataset was developed by importing the STIP lines layer.

Source for STIP layer: https://gis11.services.ncdot.gov/arcgis/rest/services/NCDOT_STIP/MapServer/1

Process step

Description

Geodatabase was forwarded on to the GIS Unit for publishing as part of data for project ATLAS.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC

Postal code 27604

Country US

e-mail address ATLAS@ncdot.gov

Hours of service

9:00am – 5:00pm Monday - Friday

Contact instructions

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Process step

Description

Polyline data was reviewed in ESRI's Data Reviewer tool to verify geometry.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Process step

Description

Once the STIP line layer is imported, a script assigns a Move Forward Status from SAP and is written in to the MFwdStat field in this layer.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling
Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type

Delivery point 4101 Capital Boulevard

City Raleigh

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Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling
Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC

Postal code 27604

Country US

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Distribution format

Name File Geodatabase Feature Class

Version 10.5

Fields

Details for object MoveForwardListLine

Type Feature Class

Row count 1340

Definition

Line layer that identifies project move forward status in the STIP layer

Definition source

NCDOT

Field OBJECTID

Alias FID

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 TIP

Alias TIP

Data type String

Width 10

Precision 0

Scale 0

Field description

STIP Project Identifier

Description source

NCDOT

Field SPOTID

Alias SPOTID

Data type String

Width 255

Precision 0

Scale 0

Field description

Prioritization project identifier

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field Route

Alias RouteName

Data type String

Width 255

Precision 0

Scale 0

Field description

Name of Route facility project is located on

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field Descr

Alias Description

Data type String

Width 500

Precision 0

Scale 0

Field description

Brief description of project

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field Category

Alias Category

Data type String

Width 255

Precision 0

Scale 0

Field description

STI Category project was funded under

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

List of values

Value DIV

Description DIV

Enumerated domain value definition source NCDOT

Value REG

Description REG

Enumerated domain value definition source NCDOT

Value SW

Description SW

Enumerated domain value definition source NCDOT

Value EX

Description EX

Enumerated domain value definition source NCDOT

Value TRN

Description TRN

Enumerated domain value definition source NCDOT

Field Mode

Alias Mode

Data type String

Width 255

Precision 0

Scale 0

Field description

Mode of transportation for project

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

List of values

Value BICYCLE AND PEDESTRIAN

Description BICYCLE AND PEDESTRIAN

Enumerated domain value definition source NCDOT

Value HIGHWAY

Description HIGHWAY

Enumerated domain value definition source NCDOT

Value HIGHWAY SAFETY

Description HIGHWAY SAFETY

Enumerated domain value definition source NCDOT

Value PUBLIC TRANSIT

Description PUBLIC TRANSIT

Enumerated domain value definition source NCDOT

Field ROWYear

Alias ROWYear

Data type String

Width 255

Precision 0

Scale 0

Field description

First year funding is authorized for Right of Way acquisition

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field ConstrYr

Alias ConstructionYear

Data type String

Width 255

Precision 0

Scale 0

Field description

First year funding is authorized for construction.

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field Comment

Alias Comment
Data type String
Width 255
Precision 0
Scale 0

Field description
Additional Notes and Comments from the STIP Unit
Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source
NCDOT

Field PrCost

Alias ProjectCost
Data type Double
Width 8
Precision 0
Scale 0

Field description
Cost of project remaining. For projects with Prior Years funds already spent, this sum in not included.

Description source
NCDOT

Field Symbolology

Alias Symbology
Data type String
Width 100
Precision 0
Scale 0

Field description
Road symbology to be used for mapping

Description source
NCDOT

List of values

- Value** Division Highway
Description Division Highway
Enumerated domain value definition source NCDOT
- Value** Ex Bicycle And Pedestrian
Description Ex Bicycle And Pedestrian
Enumerated domain value definition source NCDOT
- Value** Ex Highway

Description	Ex Highway	
Enumerated domain value definition source		NCDOT
Value	Highway	
Description	Highway	
Enumerated domain value definition source		NCDOT
Value	IM	
Description	IM	
Enumerated domain value definition source		NCDOT
Value	Regional Highway	
Description	Regional Highway	
Enumerated domain value definition source		NCDOT
Value	Regional Highway Safety	
Description	Regional Highway Safety	
Enumerated domain value definition source		NCDOT
Value	Regional Public Transit	
Description	Regional Public Transit	
Enumerated domain value definition source		NCDOT
Value	Statewide Highway	
Description	Statewide Highway	
Enumerated domain value definition source		NCDOT
Value	Transition Highway	
Description	Transition Highway	
Enumerated domain value definition source		NCDOT

Field Counties

Alias Counties

Data type String

Width 255

Precision 0

Scale 0

Field description

Counties that are stakeholders to the project

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field Divisions

Alias Divisions

Data type String

Width 255

Precision 0

Scale 0

Field description

NCDOT Divisions that are stakeholders to the project

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

Field MPOsRPOs

Alias MPOsRPOs

Data type String

Width 255

Precision 0

Scale 0

Field description

Planning organizations that are stakeholders to the project

Maximum field size is being used here to accommodate all values from the source file i.e. STIP lines

Description source

NCDOT

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 MFwdStat

Alias MoveFwdStatus

Data type String

Width 100

Precision 0

Scale 0

Field description

Project Move Forward Status assigned from the NCDOT Enterprise Business Services System SAP system.

Description source

NCDOT

List of values

Value PE

Description PE
Enumerated domain value definition source NCDOT
Value Utilities
Description Utilities
Enumerated domain value definition source NCDOT
Value ROW
Description ROW
Enumerated domain value definition source NCDOT

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 2023-01-18

ArcGIS metadata properties

Metadata format ArcGIS 1.0
Standard or profile used to edit metadata ISO19139
Metadata style ISO 19139 Metadata Implementation Specification
Created in ArcGIS for the item 2026-08-26 14:38:12
Last modified in ArcGIS for the item 2023-01-18 20:28:53
Automatic updates
Have been performed Yes
Last update 2023-01-18 20:28:53

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
Contact's position Environmental Program Consultant
Contact information
Phone
Voice 919-707-6136
Address
Type physical
Delivery point 4101 Capital Boulevard
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Metadata Maintenance

Maintenance

Update frequency as needed

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Metadata Constraints

Security constraints

Classification unclassified

Classification system None

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file