

LION - Node

File Geodatabase Feature Class

Tags

Nodes, Intersections, Streets, Roads, LION, Transportation, Department of City Planning, DCP, New York City, NYC, LIONdistricts

Summary

Points that represent the locations of any combination or intersection of linear features in LION. A node occurs wherever two or more linear features cross regardless of whether a physical intersections occurs at that point.

Description

Nodes represent the locations of any combination or intesection of linear features in New York City (a topological junction). A node occurs wherever two or more linear features cross regardless of whether a physical intersection occurs at that point.

Credits

Department of City Planning (DCP)

Use limitations

The Department of City Planning make no representation as to the accuracy of the information or its suitability for any purposes. The Department and the City disclaim any liability for errors that may be contained herein.

Extent

West -74.260380 **East** -73.699206
North 40.917691 **South** 40.479026

Scale Range

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 Manhattan, New York, Staten Island, Brooklyn, New York City, Bronx, Richmond, Queens, Kings

THEME KEYWORDS Transportation, Roads, Streets, LION, Highway, transportation

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE LION - Node
CREATION DATE 10/24/2023
PUBLICATION DATE 11/20/2023

EDITION 23D

PRESENTATION FORMATS * digital map

SERIES
NAME BYTES of the BIG APPLE
ISSUE 23D

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY
ORGANIZATION'S NAME New York City Department of City Planning (DCP)
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS
TYPE both
DELIVERY POINT 120 Broadway, 31st Floor
CITY New York
ADMINISTRATIVE AREA NY
POSTAL CODE 10271
E-MAIL ADDRESS DCPopendata@planning.nyc.gov

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

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 10.6.1.9328

CREDITS
Department of City Planning (DCP)

ARCGIS ITEM PROPERTIES
* NAME node
LOCATION withheld
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION
ground condition

EXTENT

GEOGRAPHIC EXTENT
BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

- * WEST LONGITUDE -74.260380
- * EAST LONGITUDE -73.699206
- * NORTH LATITUDE 40.917691
- * SOUTH LATITUDE 40.479026
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE 912287.068921
- * EAST LONGITUDE 1067382.508136
- * SOUTH LATITUDE 113940.610915
- * NORTH LATITUDE 273617.843258
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME New York City Department of City Planning (DCP)
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

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DELIVERY POINT 120 Broadway, 31st Floor
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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

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Resource Constraints ►

LEGAL CONSTRAINTS

OTHER CONSTRAINTS

LION is freely available to the public.

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCgis COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

- WELL-KNOWN IDENTIFIER 102718
- X ORIGIN -120039300
- Y ORIGIN -96540300
- XY SCALE 3048.0062301863672
- Z ORIGIN -100000
- Z SCALE 10000
- M ORIGIN -100000
- M SCALE 10000
- XY TOLERANCE 0.00328083336353302
- Z TOLERANCE 0.001
- M TOLERANCE 0.001
- HIGH PRECISION true
- LATEST WELL-KNOWN IDENTIFIER 2263
- WELL-KNOWN TEXT
- PROJCS["NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_Nortl

REFERENCE SYSTEM IDENTIFIER

- * VALUE 2263
- * CODESPACE EPSG
- * VERSION 5.3(9.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME node
- * OBJECT TYPE point
- * OBJECT COUNT 138820

[Hide Vector ▲](#)

ARCgis FEATURE CLASS PROPERTIES

- FEATURE CLASS NAME node
- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 138820
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

- RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►
DIMENSION horizontal

MEASURE DESCRIPTION

The LION file is spatially aligned with NYCMaP aerial photography.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME New York City Dept. of City Planning
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

ADDRESS

TYPE both
DELIVERY POINT 120 Broadway, 31st Floor
CITY New York
ADMINISTRATIVE AREA NY
POSTAL CODE 10271
COUNTRY US

[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

VERSION 16D
* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION <https://www1.nyc.gov/site/planning/data-maps/open-data.page>

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [node ►](#)

* TYPE Feature Class
* ROW COUNT 138820

FIELD [OBJECTID_1 ►](#)

* 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.

[Hide Field OBJECTID_1 ▲](#)

FIELD NODEID



- * ALIAS NODEID
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The NODEID of the node at which the segments intersect.

DESCRIPTION SOURCE

CSCL database of DOITT

[Hide Field NODEID ▲](#)

FIELD OBJECTID



- * ALIAS OBJECTID
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

[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.

[Hide Field Shape ▲](#)

FIELD GLOBALID



- * ALIAS GLOBALID
- * DATA TYPE String
- * WIDTH 38
- * PRECISION 0
- * SCALE 0

[Hide Field GLOBALID ▲](#)

FIELD VIntersect



- * ALIAS VIntersect
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The value of this field is labeled as "VirtualIntersection" if the node is listed in both VirtualIntersestion table and the StreetsHaveIntersection table in CSCL database

DESCRIPTION SOURCE

Department of City Planning, NYC

[Hide Field VIntersect ▲](#)

[Hide Details for object node ▲](#)

[Hide Fields ▲](#)

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 2023-11-03

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2023-10-30 12:22:19
LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-11-03 13:49:13

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2023-11-03 13:49:13

[Hide Metadata Details ▲](#)

Metadata Contacts ▶

METADATA CONTACT
ORGANIZATION'S NAME New York City Department of City Planning (DCP)
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[Hide Metadata Contacts ▲](#)

Metadata Maintenance ▶

MAINTENANCE
UPDATE FREQUENCY quarterly

[Hide Metadata Maintenance ▲](#)

Thumbnail and Enclosures ▶

ENCLOSURE
ENCLOSURE TYPE File
DESCRIPTION OF ENCLOSURE original metadata
ORIGINAL METADATA DOCUMENT, WHICH WAS TRANSLATED yes
SOURCE METADATA FORMAT fgdc

[Hide Thumbnail and Enclosures ▲](#)