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 intersection occurs at that point.

Description

Nodes represent the locations of any combination or intersection 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

Citation

Title  LION - Node
Creation date  1/19/2022 2:10:15 PM
Publication date  2/22/2022 2:10:43 PM
Edition  22A
Presentation formats  * digital map

Series
Name  BYTES of the BIG APPLE
Issue  22A

Citation Contacts

Responsible party  New York City Department of City Planning (DCP)
Contact's role  publisher

Contact information
Type  both
Delivery point  120 Broadway, 31st Floor
City  New York
Administrative area  NY
Postal code  10271
E-mail address  DCPopendata@planning.nyc.gov
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

Extents

Extent
Description: ground condition

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: 273617.843258
- North Latitude: 113940.610915
- Extent Contains the Resource: Yes

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

Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY quarterly

Resource Constraints

LEGAL CONSTRAINTS
OTHER CONSTRAINTS
LION is freely available to the public.

CONSTRANTS
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_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_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",984250.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",-74.0],PARAMETER
["Standard_Parallel_1",40.66666666666666],PARAMETER
["Standard_Parallel_2",41.03333333333333],PARAMETER
["Latitude_Of_Origin",40.16666666666666],UNIT
["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2263]]

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 135977

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME node
* FEATURE TYPE Simple
* GEOMETRY TYPE Point
* HAS TOPOLOGY FALSE
* FEATURE COUNT 135977
* 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
Fields

Details for object node

* Type Feature Class
* Row count 135977

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.

Hide Field ObjectID

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 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 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 VirtualIntersection 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 NAME  * dataset  
* LAST UPDATE  2022-02-17  
CREATED IN ARCgis FOR THE ITEM  2022-02-07  12:39:03  
LAST MODIFIED IN ARCgis FOR THE ITEM  2022-02-17  14:21:02  
AUTOMATIC UPDATES  
HAVE BEEN PERFORMED  Yes  
LAST UPDATE  2022-02-17  14:21:02  
Hide Metadata Details  

Metadata Contacts  
METADATA CONTACT  
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 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 ▲