

node

File Geodatabase Feature Class

Tags

Transportation, Manhattan, New York, Roads, Streets, Staten Island, Brooklyn, New York City, LION, Bronx, Highway, Richmond, Queens, Kings, transportation

Summary

These nodes created by the Department of City Planning to aid city agencies in administering public services.

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

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** 40.485808

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 node
CREATION DATE 4/24/2017
PUBLICATION DATE 6/5/2017

EDITION 17B

PRESENTATION FORMATS * digital map

SERIES
NAME BYTES of the BIG APPLE
ISSUE 17B

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY
ORGANIZATION'S NAME New York City Dept. of City Planning
CONTACT'S ROLE publisher

CONTACT INFORMATION ►
ADDRESS
DELIVERY POINT New York City

Hide Contact information ▲

RESPONSIBLE PARTY
ORGANIZATION'S NAME City of New York Department of City Planning
CONTACT'S ROLE originator

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.1.4959

CREDITS
Department of City Planning

ARCGIS ITEM PROPERTIES
* NAME node
* SIZE 0.000
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 40.485808
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE 912287.068921
* EAST LONGITUDE 1067382.508136
* SOUTH LATITUDE 116411.371612
* NORTH LATITUDE 273617.843258
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT
ORGANIZATION'S NAME Department of City Planning
CONTACT'S POSITION BYTES of the BIG APPLE Coordinator
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 212.720.3505

ADDRESS

TYPE both

DELIVERY POINT 120 Broadway, 31st Floor

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10271

COUNTRY US

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

Hide Resource Maintenance ▲

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_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 8.6.2

[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 130808

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME node

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE
* FEATURE COUNT 130808
* 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 <http://www.nyc.gov/html/dcp/html/bytes/applbyte.shtml>

[Hide Distribution](#) ▲

Fields ►

DETAILS FOR OBJECT [node](#) ►

* TYPE Feature Class

* ROW COUNT 130808

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.

[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.

[Hide Field Shape ▲](#)

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 2017-05-17

ARCGIS METADATA PROPERTIES

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

CREATED IN ARCGIS FOR THE ITEM 2017-04-24 13:56:23
LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-05-17 12:57:44

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-05-17 12:57:44

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME Department of City Planning
CONTACT'S POSITION BYTES of the BIG APPLE Coordinator
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

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ADDRESS

TYPE both

DELIVERY POINT 120 Broadway, 31st Floor

CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10271

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 ▲