

# lion

## Shapefile

### Tags

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

### Summary

The LION file has been maintained as a major component of the Department of City Planning's Geosupport System.

### Description

LION is a single line representation of New York City streets containing address ranges and other information.

### 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 lion  
PUBLICATION DATE 5/29/2018  
INDETERMINATE DATE unknown  
CREATION DATE 5/2/2018

EDITION 18B

PRESENTATION FORMATS digital map

SERIES  
NAME BYTES of the BIG APPLE  
ISSUE 18B

*Hide Citation ▲*

### Citation Contacts ▶

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

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 ▲*

[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 lion  
LOCATION withheld  
\* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

## Extents ►

EXTENT  
DESCRIPTION  
ground condition

GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
WEST LONGITUDE -74.26038  
EAST LONGITUDE -73.699206  
SOUTH LATITUDE 40.485808  
NORTH LATITUDE 40.917691

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 912287.068792  
\* EAST LONGITUDE 1067382.508458  
\* SOUTH LATITUDE 116411.371447  
\* NORTH LATITUDE 273617.843214  
\* 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 ►

#### QUESTIONS OR COMMENTS

FEEDBACK <http://www.nyc.gov/open-data-feedback>

### 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 9999.9995250255088  
Z ORIGIN -100000  
Z SCALE 10000  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.00020000000949949029  
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 7.11.2

[Hide Spatial Reference ▲](#)

## Spatial Data Properties ►

### VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

### GEOMETRIC OBJECTS

FEATURE CLASS NAME lion  
\* OBJECT TYPE composite  
\* OBJECT COUNT 226420

[Hide Vector ▲](#)

#### ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME **lion**  
\* FEATURE TYPE **Simple**  
\* GEOMETRY TYPE **Polyline**  
\* HAS TOPOLOGY **FALSE**  
\* FEATURE COUNT **226420**  
\* 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 - CONCEPTUAL CONSISTENCY ▶

##### MEASURE DESCRIPTION

A node occurs wherever two or more linear features cross regardless of whether a physical intersection occurs at that point. Duplicate line segments may appear where lines are associated with non-addressable place names such as Grand Army Plaza or where alternate street names exist.

*Hide Data quality report - Conceptual consistency ▲*

#### 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 ▲*

## Lineage ▶

#### LINEAGE STATEMENT

The dataset is the single line representation of New York City Streets.

*Hide Lineage ▲*

## 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

NAME Shapefile  
VERSION 16D

TRANSFER OPTIONS

ONLINE SOURCE  
LOCATION <http://www.nyc.gov/html/dcp/html/bytes/applbyte.shtml>

*Hide Distribution ▲*

## Fields ►

DETAILS FOR OBJECT **lion** ►

TYPE Feature Class  
ROW COUNT 218349  
DEFINITION  
Single line representation of New York City streets

DEFINITION SOURCE

DCP

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 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 Street ►

ALIAS Street

DATA TYPE String

WIDTH 32

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Street or non-street feature name used for labeling.

DESCRIPTION SOURCE

DCP

*Hide Field Street ▲*

FIELD SAFStreetName ►

ALIAS SAFStreetName

DATA TYPE String

WIDTH 32

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Special Address Place name

*Hide Field SAFStreetName ▲*

FIELD FeatureTyp ►

ALIAS FeatureTyp

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0



## FIELD DESCRIPTION

### Feature Type Code

## LIST OF VALUES

### VALUE 0

DESCRIPTION Street other than vehicle only street.

### VALUE 1

DESCRIPTION Railroad

### VALUE 2

DESCRIPTION Water Edge / Shoreline

### VALUE 3

DESCRIPTION Census Block Boundary

### VALUE 5

DESCRIPTION Paper Street: This is a legally mapped, but unbuilt street. Such streets are common in areas of Staten Island anticipating development. May exist in all boroughs.

### VALUE 6

DESCRIPTION Private Street: This is a physically existing street which is not owned by the City and is not officially mapped. For example, streets in the Fort Totten and Breezy Point sections of Queens.

### VALUE 7

DESCRIPTION District Boundary: Physically non-existent boundary for a community district, a police precinct, or a fire company.

### VALUE 8

DESCRIPTION Physical Non-Street Boundary: Physically existing un-addressable boundary (such as a rock wall cemetery edge).

### VALUE 9

DESCRIPTION Paper Street and Census/District Boundary: A legally mapped, but unbuilt street that also acts as a census block or district boundary.

### VALUE A

DESCRIPTION Alley: a narrow street or passageway between and behind city buildings.

### VALUE W

DESCRIPTION Path, Non-Vehicular, Addressable: This is a walking path that contains addresses. For example, some boardwalks and some walking paths in housing projects.

### VALUE C

DESCRIPTION CCO (Corporation Counsel Opinion). A CCO is an opinion by the City's Law Department that a street area, not owned by the City, has been dedicated for public use, consistent with the requirements of General City Law, Section 36(2). That allows the City to use public funds for various improvements and services, including paving of the roadway and installing sewers. The request usually relates to planned work by the City's Department of Transportation, Department of Design and Construction, and Department of Environmental Protection.

### VALUE F

DESCRIPTION Ferry Route: A schematic representation of a ferry's passage through a water body. Please note that only selected ferry routes required for the bicycle routing within NYC are included.

[Hide Field FeatureTyp ▲](#)

FIELD [SegmentTyp ▶](#)

ALIAS SegmentTyp

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Segment Type: This field is used to define the segment's status in relation to the horizontal topology enhancements first introduced with LION 06A.

LIST OF VALUES

VALUE B

DESCRIPTION Both: Segment is both generic and roadbed; the center roadbed segment of a divided roadway containing an odd number of roadbeds.

VALUE C

DESCRIPTION Connector: Segments used to connect adjacent roadbeds of a divided street. Typically these exist to allow traffic flow from one roadbed to another.

VALUE E

DESCRIPTION Entrance/Exit Ramp: Connects a highway to a different street or highway.

VALUE F

DESCRIPTION Faux Segment: These are used when a street or ramp physically ends at a roadbed, but connectivity needs to be maintained with the generic segment.

VALUE G

DESCRIPTION Generic Segment: An imaginary single line representation of a physically divided street.

VALUE R

DESCRIPTION Roadbed Segment: Depicts physically separated carriageway segments of a particular street.

VALUE T

DESCRIPTION Terminator: Used to model situations where a divided section of a street terminates, but the street itself continues.

VALUE U

DESCRIPTION Undivided Street: All other LION segments that do not fall into any of the above categories.

VALUE S

DESCRIPTION Suppressed: Undivided segment to be suppressed in a generic view of LION

[Hide Field SegmentTyp ▲](#)

FIELD [IncExFlag ▶](#)

ALIAS IncExFlag

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Inclusion/Exclusion Flag: Field formerly used by DCP to identify pre-horizontal topology roadbeds in LION. This field is now used to flag selected pedestrian walkways and greenways for exclusion in the NYPD's ETL process from CSCL.

LIST OF VALUES

VALUE E

DESCRIPTION Segment should be excluded from the NYPD's ETL and from Geosupport cross street generation.

*Hide Field IncExFlag ▲*

FIELD RB\_Layer ►

ALIAS RB\_Layer

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

For cartographic purposes, indicates whether segment is present in the "Roadbed" layer and/or the "Generic" layer. This field is generated by a definition query of Segment Types.

LIST OF VALUES

VALUE R

DESCRIPTION Segment is unique to the Roadbed layer. Comprised of Segment Types R, C, T and S.

VALUE G

DESCRIPTION Segment unique to the Generic layer. Comprised of Segment Types G and F.

VALUE B

DESCRIPTION Segment belongs in Both the generic and roadbed layers. Comprised of Segment types U, B and E.

VALUE N

DESCRIPTION Segment is neither in the generic or roadbed layer. These are exception cases where divided roadbeds existed in the LION file prior to release 06A.

*Hide Field RB\_Layer ▲*

FIELD NonPed ►

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

\* ALIAS NonPed

FIELD DESCRIPTION

Non-Pedestrian Indicator.

LIST OF VALUES

VALUE D

DESCRIPTION Pedestrian accessible, but are excluded by the Department of Education in determining walking routes from a pupil's home to their school.

VALUE V

DESCRIPTION Vehicle-only: primarily roadways, inaccessible to pedestrian usage

[Hide Field NonPed ▲](#)

FIELD TrafDir ►

ALIAS TrafDir  
DATA TYPE String  
WIDTH 1  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Traffic Direction. Code indicating the flow of traffic relative to the street segment's directionality.

LIST OF VALUES

VALUE W

DESCRIPTION With: One-way street, traffic flows with the segment's directionality, i.e., from the segment's FROM node to the TO node..

VALUE A

DESCRIPTION Against: One-way street, traffic flows from against the segment's directionality, i.e., from the segment's TO node to the FROM node.

VALUE T

DESCRIPTION Two-Way: Traffic flows in both directions.

VALUE P

DESCRIPTION Pedestrian path: Non-vehicular.

VALUE blank

DESCRIPTION Non-street feature.

ACCURACY INFORMATION

EXPLANATION

Field Verified by the Dept of Transportation (DOT) in 2003 . DOT supplies regular updates.

[Hide Field TrafDir ▲](#)

FIELD TrafSrc ►

ALIAS TrafSrc  
DATA TYPE String  
WIDTH 3  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Indicates the source of information in the Traffic Direction (TrafDir) field.

LIST OF VALUES

VALUE DCP

DESCRIPTION NYC Department of City Planning

VALUE DOT

DESCRIPTION NYC Department of Transportation

[Hide Field TrafSrc ▲](#)

## FIELD SpecAddr ►

ALIAS SpecAddr

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

### FIELD DESCRIPTION

Special Address Type Code. These represent special addressing situations. Please note that alternative street names and street codes for Special Addresses other than TYPE = 'A' can be found in the fields "SAFStreetName" and "SAFStreetCode" respectively.

### LIST OF VALUES

VALUE A

**DESCRIPTION** Alternate Address Range: Alternative address ranges for the same street name. This can occur where buildings have been renumbered; old numbers will sometimes remain in use. For example, such usage is common in some Queens neighborhoods, including Far Rockaway, Douglaston, Forest Hills and Ridgewood, where non-hyphenated addresses have been replaced by hyphenated addresses.

VALUE B

**DESCRIPTION** Alternative Street Names: Alternative street names that cannot be handled in the usual way.

VALUE C

**DESCRIPTION** Handles a unique situation along the Brooklyn-Queens border, where Ruby Street on the Brooklyn side of the street is known as 75 Street in Queens. Some Brooklyn residents use 75 Street in their address; however there is another 75 Street in the Bay Ridge section of Brooklyn, far from the Queens border.

VALUE D

**DESCRIPTION** Duplicate Addresses: Duplicate addresses for the same street name within the same borough. Currently, there are three New York City streets that have some duplicate addresses: Hillside Avenue and Center Drive in Queens, and Martin Luther King Junior Boulevard in Manhattan. The portion of Hillside Avenue in the Far Rockaway neighborhood has some addresses that are identical to addresses in the portion of Hillside Avenue in the Douglaston neighborhood. Hillside Avenue also has some addresses that are duplicated between the Douglaston and Bellerose neighborhoods. Center Drive has some addresses that are duplicated between the Douglaston and Malba neighborhoods. Martin Luther King Junior Boulevard is an alternative name for both East 125 Street and West 125 Street, and therefore has many duplicate addresses.

VALUE E

**DESCRIPTION** Refers to situations in which the name of a neighborhood can serve as an alternate name for all streets in that neighborhood. The two neighborhoods for which this applies are both in the Bronx: Edgewater Park and Harding Park.

VALUE G

**DESCRIPTION** This is used for names of complexes (e.g., Lincoln Center). Complexes are non-addressable, and are composed of a number of non-addressable place names. Complexes can include individual buildings or parks that are recognized as a grouped entity (e.g., Lincoln Center, Jefferson Houses, City College). "G" records refer to the complex names (Lincoln Center), while the entities within the complex (Alice Tully Hall, Metropolitan Opera, etc.) are flagged as type "x" records.

VALUE N

**DESCRIPTION** Non-Addressable Place Name: This is used for non-addressable place names. These are place names that cannot be combined with a house number to form an address.

Such place names can include individual buildings (e.g., City Hall, Alice Tully Hall), building complexes (e.g., Columbia University, New York Hospital) and large facilities (e.g., Penn Station, LaGuardia Airport).

**VALUE O**

**DESCRIPTION** This is used for out-of-sequence addresses. Such addresses do not follow the logical addressing sequence of the immediately adjacent buildings. For example, address number 62 of a street may exist between addresses 80 and 82, not between 60 and 64 on that blockface (it may also appear on a blockface other than that which contains 60 and 64). Also, the address may be an opposite-parity address, in that its parity (odd/even) is the opposite of the predominant parity on the blockface. For example, address number 62 may appear on the odd side of the street between 63 and 65.

**VALUE S**

**DESCRIPTION** Suffix: This refers to situations in which the break in addresses from one block face to the next along a street involves house number suffixes. The "s" flag appears with such records to denote that a suffix exists at either the low or high end of the segment's address range. For example, if the address range on one block is 1 - 13A, and the next block is 15 - 25, the address range on the first block will be shown in LION as 1 - 13, and 13A will be an SAF type "S" record.

**VALUE V**

**DESCRIPTION** This is used for "vanity addresses" (i.e. addresses in which the street name refers to a different street than the one on which the referenced building entrance is actually located). For example, 1049 5th Avenue in Manhattan, a vanity address, is actually located on East 86th Street, between 5th Avenue and Madison Avenue.

**VALUE X**

**DESCRIPTION** This is used for names of non-addressable, constituent entities of complexes (not the entire complex name itself, which is flagged as type "G"). These are non-addressable place names grouped with other non-addressable place names to form a larger, non-addressable complex. Such non-addressable place name parts of complexes can include individual buildings or parks (e.g., Alice Tully Hall of Lincoln Center, Damrosch Park of Lincoln Center, Jefferson Houses Building 2 of Jefferson Houses, Shepard Hall of City College). To ensure that non-addressable place names are geocoded to the correct side of a street segment, the address range fields of the incorrect side of the street will contain a value of "-99999."

**VALUE P**

**DESCRIPTION** Addressable Place Names: An addressable place name is usually the name of an individual building or building complex that can serve the role of a street name in an address, even though there is no actual street with that name. Each of these can combine with address numbers to form addresses, such as 5 Penn Plaza or 13 Confucius Plaza.

[Hide Field SpecAddr ▲](#)

**FIELD FaceCode ►**

**ALIAS** FaceCode

**DATA TYPE** String

**WIDTH** 4

**PRECISION** 0

**SCALE** 0

**FIELD DESCRIPTION**

**Face Code:** A four digit number assigned to any linear geographic feature in LION. This can be either a street or non-street feature (e.g., shoreline, railroad tracks). Also a component field of a unique identifier in LION known as the LIONkey (comprised of Boro, FaceCode and SeqNum).

[Hide Field FaceCode ▲](#)

**FIELD SeqNum ▶**

ALIAS SeqNum  
DATA TYPE String  
WIDTH 5  
PRECISION 0  
SCALE 0

**FIELD DESCRIPTION**

Sequence Number: A five digit number assigned sequentially to the street segments within a given face code. The sequence number generally increases with the directionality of the street. Also a component field of a unique identifier in LION known as the LIONkey (comprised of Boro, FaceCode and SeqNum).

[Hide Field SeqNum ▲](#)

**FIELD StreetCode ▶**

ALIAS StreetCode  
DATA TYPE String  
WIDTH 6  
PRECISION 0  
SCALE 0

**FIELD DESCRIPTION**

Street Code is a numeric code that represents the names of New York city streets. The first digit is a borough code; the subsequent five digits are the 5-digit street code.

[Hide Field StreetCode ▲](#)

**FIELD SAFStreetCode ▶**

ALIAS SAFStreetCode  
DATA TYPE String  
WIDTH 6  
PRECISION 0  
SCALE 0

[Hide Field SAFStreetCode ▲](#)

**FIELD LGC1 ▶**

ALIAS LGC1  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0

**FIELD DESCRIPTION**

Local Group Code 1: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC1 ▲](#)

**FIELD LGC2 ▶**

ALIAS LGC2

DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Local Group Code 2: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC2 ▲](#)

FIELD LGC3 ►

ALIAS LGC3  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Local Group Code 3: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC3 ▲](#)

FIELD LGC4 ►

ALIAS LGC4  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Local Group Code 4: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC4 ▲](#)

FIELD LGC5 ►

ALIAS LGC5  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Local Group Code 5: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC5 ▲](#)

FIELD LGC6 ►

ALIAS LGC6  
DATA TYPE String  
WIDTH 2



PRECISION 0

SCALE 0

FIELD DESCRIPTION

Local Group Code 6: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC6 ▲](#)

FIELD LGC7 ►

ALIAS LGC7

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Local Group Code 7: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC7 ▲](#)

FIELD LGC8 ►

ALIAS LGC8

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Local Group Code 8: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC8 ▲](#)

FIELD LGC9 ►

ALIAS LGC9

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Local Group Code 9: A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each LGC value represents a group of names for the given street that are valid for that segment.

[Hide Field LGC9 ▲](#)

FIELD BOE\_LGC ►

ALIAS BOE\_LGC

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Board of Elections LGC Pointer (Domain values = 1, 2, 3, 4) indicates which LGC field (LGC1, LGC2, LGC3 or LGC4 respectively) corresponds to the name for this segment that is used for Board of Elections applications.

[Hide Field BOE\\_LGC ▲](#)

FIELD SegmentID ►

ALIAS SegmentID

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Segment ID: A seven digit number (right justified, zero filled) that identifies each segment of a street or a non-street feature represented in the LION file. Segment ID differs from the LIONKey (see FaceCode and SeqNum definitions) in that the former identifies a geographic entity, whereas the latter identifies a record in the LION file. In the case of a segment lying along a borough boundary (for example, the Brooklyn-Queens border), there will be two distinct LIONKeys (one for each borough), but the Segment ID in each LION record will be identical since it refers to the same physical geometry.

[Hide Field SegmentID ▲](#)

FIELD SegCount ►

ALIAS SegCount

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Coincident Segment Count: Indicates situations where there are double-decker roads and therefore more than one segment for the same geography in LION (as it is maintained in CSCL). An example would be the upper and lower roadways of the George Washington Bridge. In this case, the SegCount would be equal to 2. Most LION segments will have a SegCount of 1. However there will appear to be some anomalies because of the difference in the way LION is maintained, and the way it must be exported. For example, the Department of City Planning maintains an associated Special Address file that links various types of special address records (described further down in this document) to the LION file. In the BYTES version of LION, the only way to include these special address records is by replicating the segment with alternate address information. The result can be multiple records with the same Segment ID while the coincident segment count remains '1'.

[Hide Field SegCount ▲](#)

FIELD LocStatus ►

ALIAS LocStatus

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Segment Locational Status.

LIST OF VALUES

VALUE H

DESCRIPTION Land-hooked segment, i.e. a segment internal to a Dynamic Block but not a dead end.

VALUE I

DESCRIPTION Dead end segment

VALUE X

DESCRIPTION Tract Boundary segment other than a borough boundary

VALUE 1

DESCRIPTION Segment bordering Manhattan

VALUE 2

DESCRIPTION Segment bordering The Bronx

VALUE 3

DESCRIPTION Segment bordering Brooklyn

VALUE 4

DESCRIPTION Segment bordering Queens

VALUE 5

DESCRIPTION Segment bordering Staten Island

VALUE 9

DESCRIPTION Segment on the New York City Boundary

*Hide Field LocStatus ▲*

FIELD LZip ►

ALIAS LZip

DATA TYPE String

WIDTH 5

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Contains the five digit postal zip code for the left side of the street segment.

ACCURACY INFORMATION

ACCURACY Low

EXPLANATION

LION segments are not split due to zip-code changes - in the event that a LION segment has more than 1 zip code associated to the left or right side, the predominant zip code is used. No zip codes assigned to individual buildings are represented in the LION file.

*Hide Field LZip ▲*

FIELD RZip ►

ALIAS RZip

DATA TYPE String

WIDTH 5

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Contains the five digit postal zip code for the right side of the street segment.

ACCURACY INFORMATION

ACCURACY low

EXPLANATION

LION segments are not split due to zip-code changes - in the event that a LION segment has more than 1 zip code associated to the left or right side, the predominant zip code is used. No zip codes assigned to individual buildings are represented in the LION file.

*Hide Field RZip ▲*

FIELD LBoro ►

ALIAS LBoro

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

This is a 1-digit code identifying the borough in which the left side of the street segment is located.

LIST OF VALUES

VALUE 1

DESCRIPTION Manhattan

VALUE 2

DESCRIPTION The Bronx

VALUE 3

DESCRIPTION Brooklyn

VALUE 4

DESCRIPTION Queens

VALUE 5

DESCRIPTION Staten Island

*Hide Field LBoro ▲*

FIELD RBoro ►

ALIAS RBoro

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

This is a 1-digit code identifying the borough in which the right side of the street segment is located.

LIST OF VALUES

VALUE 1

DESCRIPTION Manhattan

VALUE 2  
DESCRIPTION The Bronx

VALUE 3  
DESCRIPTION Brooklyn

VALUE 4  
DESCRIPTION Queens

VALUE 5  
DESCRIPTION Staten Island

[Hide Field RBoro ▲](#)

FIELD L\_CD ►

ALIAS L\_CD  
DATA TYPE String  
WIDTH 3  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Three-digit Community District code for the left side of the street. The first byte is the Borough Code and the second and third bytes are the Community District Number (right justified, zero filled). For example, Community District 6 in Brooklyn would be represented as 306. There are 59 community districts in the City of New York, as well as 12 Joint Interest Areas (JIAs). The JIAs are major parks and airports that are not contained within any CD. For a full listing, please refer to the 'readme.txt' that is included as part of the LION file download.

[Hide Field L\\_CD ▲](#)

FIELD R\_CD ►

ALIAS R\_CD  
DATA TYPE String  
WIDTH 3  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Three-digit Community District code for the right side of the street. The first byte is the Borough Code and the second and third bytes are the Community District Number (right justified, zero filled). For example, Community District 6 in Brooklyn would be represented as 306. There are 59 community districts in the City of New York, as well as 12 Joint Interest Areas (JIAs). The JIAs are major parks and airports that are not contained within any CD. For a full listing, please refer to the 'readme.txt' that is included as part of the LION file download.

[Hide Field R\\_CD ▲](#)

FIELD LATOMICPOLYGON ►

ALIAS LATOMICPOLYGON  
DATA TYPE String  
WIDTH 3  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Left Atomic Polygon: An atomic polygon is a minimal polygon formed by most LION segments (exceptions include paper streets and alleys). "Minimal" means the polygon is not subdivided by LION segments (other than the noted exceptions) into smaller polygons. An atomic polygon can contain segments of various types in its interior: paper street segments (Feature Type = 5), dead end segments (LocStatus = I), land-hooked segments (LocStatus = H) and alley segments (Feature Type = A). Atomic Polygons numbers are unique within 2010 Census Tracts and are used as building blocks for many higher geographies.

[Hide Field LATOMICPOLYGON ▲](#)

FIELD **RATOMICPOLYGON** ►

ALIAS RATOMICPOLYGON

DATA TYPE String

WIDTH 3

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Right Atomic Polygon: An atomic polygon is a minimal polygon formed by most LION segments (exceptions include paper streets and alleys). "Minimal" means the polygon is not subdivided by LION segments (other than the noted exceptions) into smaller polygons. An atomic polygon can contain segments of various types in its interior: paper street segments (Feature Type = 5), dead end segments (LocStatus = I), land-hooked segments (LocStatus = H) and alley segments (Feature Type = A). Atomic Polygons numbers are unique within 2010 Census Tracts and are used as building blocks for many higher geographies.

[Hide Field RATOMICPOLYGON ▲](#)

FIELD **LCT2010** ►

ALIAS LCT2010

DATA TYPE String

WIDTH 4

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Left 2010 Census Tract.

[Hide Field LCT2010 ▲](#)

FIELD **LCT2010Suf** ►

ALIAS LCT2010Suf

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Left 2010 Census Tract Suffix.

[Hide Field LCT2010Suf ▲](#)

FIELD **RCT2010** ►

ALIAS RCT2010

DATA TYPE String

WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2010 Census Tract.

[Hide Field RCT2010 ▲](#)

FIELD RCT2010Suf ►  
ALIAS RCT2010Suf  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2010 Census Tract Suffix.

[Hide Field RCT2010Suf ▲](#)

FIELD LCB2010 ►  
ALIAS LCB2010  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Left 2010 Census Block.

[Hide Field LCB2010 ▲](#)

FIELD LCB2010Suf ►  
ALIAS LCB2010Suf  
DATA TYPE String  
WIDTH 1  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Left 2010 Census Block Suffix.

[Hide Field LCB2010Suf ▲](#)

FIELD RCB2010 ►  
ALIAS RCB2010  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2010 Census Block.

[Hide Field RCB2010 ▲](#)

FIELD RCB2010Suf ►

ALIAS RCB2010Suf  
DATA TYPE String  
WIDTH 1  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2010 Census Block Suffix.

*Hide Field RCB2010Suf ▲*

FIELD LCT2000 ►  
ALIAS LCT2000  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Left 2000 Census Tract.

*Hide Field LCT2000 ▲*

FIELD LCT2000Suf ►  
ALIAS LCT2000Suf  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Left 2000 Census Tract Suffix.

*Hide Field LCT2000Suf ▲*

FIELD RCT2000 ►  
ALIAS RCT2000  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2000 Census Tract.

*Hide Field RCT2000 ▲*

FIELD RCT2000Suf ►  
ALIAS RCT2000Suf  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 2000 Census Tract Suffix.

*Hide Field RCT2000Suf ▲*



FIELD **LCB2000** ▶

ALIAS LCB2000

DATA TYPE String

WIDTH 4

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Left 2000 Census Block.

*Hide Field LCB2000 ▲*

FIELD **LCB2000Suf** ▶

ALIAS LCB2000Suf

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Left 2000 Census Block Suffix.

*Hide Field LCB2000Suf ▲*

FIELD **RCB2000** ▶

ALIAS RCB2000

DATA TYPE String

WIDTH 4

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Right 2000 Census Block.

*Hide Field RCB2000 ▲*

FIELD **RCB2000Suf** ▶

ALIAS RCB2000Suf

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Right 2000 Census Block Suffix.

*Hide Field RCB2000Suf ▲*

FIELD **LCT1990** ▶

ALIAS LCT1990

DATA TYPE String

WIDTH 4

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Left 1990 Census Tract.

[Hide Field LCT1990 ▲](#)

FIELD LCT1990Suf ►

ALIAS LCT1990Suf  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Left 1990 Census Tract Suffix.

[Hide Field LCT1990Suf ▲](#)

FIELD RCT1990 ►

ALIAS RCT1990  
DATA TYPE String  
WIDTH 4  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 1990 Census Tract.

[Hide Field RCT1990 ▲](#)

FIELD RCT1990Suf ►

ALIAS RCT1990Suf  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Right 1990 Census Tract Suffix.

[Hide Field RCT1990Suf ▲](#)

FIELD LAssmDist ►

ALIAS LAssmDist  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION  
Assembly District for the left side of the street.

[Hide Field LAssmDist ▲](#)

FIELD LElectDist ►

ALIAS LElectDist  
DATA TYPE String  
WIDTH 3  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION

Election District for the left side of the street. Election Districts are unique within an Assembly District.

[Hide Field LElectDist ▲](#)

FIELD RAssmDist ►

ALIAS RAssmDist

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Assembly District for the right side of the street.

[Hide Field RAssmDist ▲](#)

FIELD RElectDist ►

ALIAS RElectDist

DATA TYPE String

WIDTH 3

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Election District for the right side of the street. Election Districts are unique within an Assembly District.

[Hide Field RElectDist ▲](#)

FIELD SplitElect ►

ALIAS SplitElect

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Split Election District Flag. Indicates when a LION segment is split by more than one Election District.

LIST OF VALUES

VALUE blank

DESCRIPTION Neither side of segment is split among two or more election districts

VALUE B

DESCRIPTION Both sides of segment are split among two or more election districts

VALUE L

DESCRIPTION Left side of segment is split

VALUE R

DESCRIPTION Right side of segment is split.

[Hide Field SplitElect ▲](#)

FIELD LSchIDist ►

ALIAS LSchlDist  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION

School District for the left side of the street.

*Hide Field LSchlDist ▲*

FIELD RSchlDist ►

ALIAS RSchlDist  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION

School District for the right side of the street.

*Hide Field RSchlDist ▲*

FIELD SplitSchl ►

ALIAS SplitSchl  
DATA TYPE String  
WIDTH 1  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION

Split School Flag. Indicates when a LION segment is split by more than one School District.

LIST OF VALUES

VALUE blank

DESCRIPTION Neither side of segment is split among two or more election districts

VALUE B

DESCRIPTION Both sides of segment are split among two or more election districts

VALUE L

DESCRIPTION Left side of segment is split

VALUE R

DESCRIPTION Right side of segment is split

*Hide Field SplitSchl ▲*

FIELD LSubSect ►

ALIAS LSubSect  
DATA TYPE String  
WIDTH 2  
PRECISION 0  
SCALE 0  
FIELD DESCRIPTION

Sanitation District Subsection for the left side of the street. These are subareas of Sanitation Districts, which in general coincide with Community Districts, except possibly

on a CD boundary (see SanDistInd).

[Hide Field LSubSect ▲](#)

FIELD **RSubSect** ►

ALIAS RSubSect

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Sanitation District Subsection for the right side of the street. These are subareas of Sanitation Districts, which in general coincide with Community Districts, except possibly on a CD boundary (see SanDistInd).

[Hide Field RSubSect ▲](#)

FIELD **SanDistInd** ►

ALIAS SanDistInd

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Sanitation District Boundary Indicator. Normally, sanitation routes are defined by the community district (CD) and sanitation district subsection. For some streets that divide a CD, the same route will service both sides. This indicator defines which CD will service the entire street. The Subsection (LSubSect and RSubSect) is NOT affected by the sanitation district boundary indicator.

LIST OF VALUES

VALUE L

DESCRIPTION Left: For both sides of the street, the sanitation district is defined using the CD on the left side of the street.

VALUE R

DESCRIPTION Right: For both sides of the street, the sanitation district is defined using the CD on the right side of the street.

VALUE blank

DESCRIPTION The sanitation district route for each side of the street is correctly identified using the CD and subsection fields for the corresponding side of the street.

[Hide Field SanDistInd ▲](#)

FIELD **MapFrom** ►

ALIAS MapFrom

DATA TYPE String

WIDTH 3

PRECISION 0

SCALE 0

FIELD DESCRIPTION

DCP Sectional / Zoning Map at the beginning of the segment.

[Hide Field MapFrom ▲](#)

FIELD MapTo ►

ALIAS MapTo

DATA TYPE String

WIDTH 3

PRECISION 0

SCALE 0

FIELD DESCRIPTION

DCP Sectional / Zoning Map at the end of the segment.

*Hide Field MapTo ▲*

FIELD BoroBndry ►

ALIAS BoroBndry

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Borough Boundary Indicator. When a segment lies along a boundary of two boroughs, it is represented by two separate LION records, one for each borough. The flag indicates which side of the segment is out of the borough.

*Hide Field BoroBndry ▲*

FIELD MH\_RI\_Flag ►

ALIAS MH\_RI\_Flag

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Marble Hill/Rikers Island Flag. These are two areas of the city that legally are part of one borough, but serviced by another. In each case, these records are flagged to be generated by the alternative borough for Geosupport purposes.

*Hide Field MH\_RI\_Flag ▲*

FIELD XFrom ►

ALIAS XFrom

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

X (Spatial) coordinate at the 'From' end of a segment.

*Hide Field XFrom ▲*

FIELD YFrom ►

ALIAS YFrom

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

Y (Spatial) coordinate at the 'From' end of a segment.

[Hide Field YFrom ▲](#)

FIELD XTo ►

ALIAS XTo

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

X (Spatial) coordinate at the 'To' end of a segment.

[Hide Field XTo ▲](#)

FIELD YTo ►

ALIAS YTo

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

Y (Spatial) coordinate at the 'To' end of a segment.

[Hide Field YTo ▲](#)

FIELD ArcCenterX ►

ALIAS ArcCenterX

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

X (Spatial) coordinate at the center of the curve.

[Hide Field ArcCenterX ▲](#)

FIELD ArcCenterY ►

ALIAS ArcCenterY

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

Y (Spatial) coordinate at the center of the curve.

[Hide Field ArcCenterY ▲](#)

FIELD CurveFlag ►

ALIAS CurveFlag

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Indicates whether a LION record represents a straight segment, irregular curve (not a circular arc) or a regular curve (circular arc) segment. If a regular curve segment, indicates which side of the segment the curve is on.

LIST OF VALUES

VALUE blank

DESCRIPTION LION record represents a straight line segment

VALUE I

DESCRIPTION LION record represent an irregularly curved segment (not a circular arc)

VALUE L

DESCRIPTION LION record represents a curved segment consisting of a circular arc lying on the left side of the segment's directed chord.

VALUE R

DESCRIPTION LION record represents a curved segment consisting of a circular arc lying on the right side of the segment's directed chord.

*Hide Field CurveFlag ▲*

FIELD Radius ►

ALIAS Radius

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

This field contains a value only if the segment is a circular arc (i.e. regular curve), as indicated by an 'L' or an 'R' in the CurveFlag field. The value is the radius of the arc in feet, rounded to the nearest foot.

*Hide Field Radius ▲*

FIELD NodeIDFrom ►

ALIAS NodeIDFrom

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Node identifier at the low address end, or beginning of the segment.

*Hide Field NodeIDFrom ▲*

FIELD NodeIDTo ►

ALIAS NodeIDTo

DATA TYPE String

WIDTH 7

PRECISION 0



SCALE 0

FIELD DESCRIPTION

Node identifier at the high address end, or end of the segment.

[Hide Field NodeIDTo ▲](#)

FIELD NodeLevelF ►

ALIAS NodeLevelF

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Level code indicator vertical topology at the start of the street segment.

LIST OF VALUES

VALUE A-Z

DESCRIPTION Relative level code on a scale where A is the lowest level of subterranean, M is ground level and Z is highest elevated level.

VALUE \*

DESCRIPTION Level-less feature associated with node. The asterisk is used to indicate the level-code on non-physical geometry, such as generic roadbed segments. Since these are non-physical, there is no 'real' level code that can be associated.

VALUE \$

DESCRIPTION Shoreline / water level.

[Hide Field NodeLevelF ▲](#)

FIELD NodeLevelT ►

ALIAS NodeLevelT

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Level code indicator vertical topology at the end of the street segment.

LIST OF VALUES

VALUE A-Z

DESCRIPTION Relative level code on a scale where A is the lowest level of subterranean, M is ground level and Z is highest elevated level.

VALUE \*

DESCRIPTION Level-less feature associated with node. The asterisk is used to indicate the level-code on non-physical geometry, such as generic roadbed segments. Since these are non-physical, there is no 'real' level code that can be associated.

VALUE \$

DESCRIPTION Shoreline / water level.

[Hide Field NodeLevelT ▲](#)

FIELD ConParity ►

ALIAS ConParity

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Continuous Parity Indicator (Domain Values = L, R). A continuous parity segment has both odd and even addresses on the same side of the segment, and no addresses on the other side. In a LION record that represents a continuous parity segment, the odd and even address ranges are stored separately and the 1-byte code indicates on which side of the street the addresses physically exist.

DESCRIPTION SOURCE

ESRI

LIST OF VALUES

VALUE L

DESCRIPTION Odd and Even house number are both on the left side of the segment.

VALUE R

DESCRIPTION Odd and Even house number are both on the right side of the segment.

*Hide Field ConParity ▲*

FIELD Twisted ►

ALIAS Twisted

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Twisted Parity: Occasionally, the address parities along a street switch. If a 'T' value exists in this field, it indicates that the parities have changed since the immediately preceding segment of the same street (i.e., if odd addresses were on the left, now they are on the right).

DESCRIPTION SOURCE

ESRI

LIST OF VALUES

VALUE T

DESCRIPTION Indicates that the address parities along a street have switched since the immediately preceding segment of the same street (i.e., if odd addresses were on the left, they are now on the right).

*Hide Field Twisted ▲*

FIELD RW\_TYPE ►

ALIAS RW\_TYPE

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Roadway Type

LIST OF VALUES

- VALUE 1  
DESCRIPTION Street
- VALUE 2  
DESCRIPTION Highway
- VALUE 3  
DESCRIPTION Bridge
- VALUE 4  
DESCRIPTION Tunnel
- VALUE 5  
DESCRIPTION Boardwalk
- VALUE 6  
DESCRIPTION Path/Trail
- VALUE 7  
DESCRIPTION Step Street
- VALUE 8  
DESCRIPTION Driveway
- VALUE 9  
DESCRIPTION Ramp
- VALUE 10  
DESCRIPTION Alley
- VALUE 11  
DESCRIPTION Unknown
- VALUE 12  
DESCRIPTION Non-Physical Street Segment
- VALUE 13  
DESCRIPTION U-Turn
- VALUE 14  
DESCRIPTION Ferry Route

*Hide Field RW\_TYPE ▲*

FIELD PhysicalID ►

ALIAS PhysicalID  
DATA TYPE Integer  
WIDTH 9  
PRECISION 9  
SCALE 0

FIELD DESCRIPTION

A unique ID assigned in order to aggregate granular geometry to represent a Physical View of the city's street network. In CSCL, segmentation is very granular in order to accommodate many types of physical and non-physical geometry. The Physical ID is a unique number used to identify a physically existing piece of geometry that may or may not be comprised of several Segment IDs. For example, E 28 Street between 2nd Ave

and 3rd Ave in Manhattan would have 1 Physical ID although there are 3 segments defining that block face, with 3 separate Segment IDs.

[Hide Field PhysicalID ▲](#)

FIELD **GenericID** ►

ALIAS GenericID  
DATA TYPE Integer  
WIDTH 9  
PRECISION 9  
SCALE 0

FIELD DESCRIPTION

A unique ID assigned in order to aggregate granular geometry to represent a Generic View of the city's street network. Streets that contain multiple carriageways or roadbeds (such as Queens Boulevard in Queens and Park Ave in Manhattan) are represented by multiple centerlines corresponding to each roadbed as well as an imaginary 'single' generic centerline.

[Hide Field GenericID ▲](#)

FIELD **NYPDID** ►

ALIAS NYPDID  
DATA TYPE String  
WIDTH 7  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

A unique ID assigned for NYPD's use in order to aggregate granular geometry for administrative purposes.

[Hide Field NYPDID ▲](#)

FIELD **FDNYID** ►

ALIAS FDNYID  
DATA TYPE String  
WIDTH 7  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Not currently implemented. A unique ID assigned for FDNY's use in order to aggregate granular geometry for their administrative purposes.

ACCURACY INFORMATION

ACCURACY Not currently implemented.

[Hide Field FDNYID ▲](#)

FIELD **LBlockFaceID** ►

ALIAS LBlockFaceID  
DATA TYPE String  
WIDTH 7  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

A ten digit number (right justified, zero filled) identifying the block face on the left hand

side of a segment. Block Face is defined as one continuous side of a physical block that is intersected on that side by two other physical through streets. Blockface IDs were established by DoITT's consultants working on the planimetric feature classes for NYC and are not maintained by the Department of City Planning.

[Hide Field LBlockFaceID ▲](#)

FIELD RBlockFaceID ►

ALIAS RBlockFaceID

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

A ten digit number (right justified, zero filled) identifying the block face on the right hand side of a segment. Block Face is defined as one continuous side of a physical block that is intersected on that side by two other physical through streets. Blockface IDs were established by DoITT's consultants working on the planimetric feature classes for NYC and are not maintained by the Department of City Planning.

[Hide Field RBlockFaceID ▲](#)

FIELD LegacyID ►

ALIAS LegacyID

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

LION 09C Segment IDs which were migrated for the initial population of the CSCL. This data is captured in order to help users migrate legacy data. New geometry in the CSCL/LION will not have this field populated, however existing CSCL/LION segments will retain the legacy ID when split.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field LegacyID ▲](#)

FIELD Status ►

ALIAS Status

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Refers to the construction status of a street segment.

LIST OF VALUES

VALUE 1

DESCRIPTION Planned Private

VALUE 2

DESCRIPTION Constructed

VALUE 3

DESCRIPTION Paper

VALUE 4

DESCRIPTION Under Construction

VALUE 5

DESCRIPTION Demapped

VALUE 9

DESCRIPTION Paper Street Coincident with Boundary

*Hide Field Status ▲*

FIELD [StreetWidth\\_Min ▶](#)

ALIAS StreetWidth\_Min

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Formerly known as StreetWidth, this represents the narrowest width, in feet, of the paved area of the street. These values correspond to the StreetWidth field in Geosupport.

*Hide Field StreetWidth\_Min ▲*

FIELD [StreetWidth\\_Irr ▶](#)

ALIAS StreetWidth\_Irr

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Not currently implemented. Flag indicating whether the street width is consistent along a street segment.

ACCURACY INFORMATION

ACCURACY Not currently implemented.

*Hide Field StreetWidth\_Irr ▲*

FIELD [BikeLane ▶](#)

ALIAS BikeLane

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Bike Lane: Defines which segments are part of the bicycle network as defined by the Department of Transportation. These values correspond to Bike Lane 2 in Geosupport.

LIST OF VALUES

VALUE 1

DESCRIPTION Class 1: Separated Greenway

VALUE 2

DESCRIPTION Class II: Striped Bike Lane

VALUE 3

DESCRIPTION Class III: Signed Bicycle Route

VALUE 4

DESCRIPTION Links: Connecting segments.

VALUE 5

DESCRIPTION Class I, II: Combination of Class I and II

VALUE 6

DESCRIPTION Class II, III: Combination of Class II and III

VALUE 7

DESCRIPTION Stairs: Includes step streets, bridge stairs, etc.

VALUE 8

DESCRIPTION Class I, III: Combination of Class I and III

VALUE 9

DESCRIPTION Class II, I: Combination of Class II and I

VALUE 10

DESCRIPTION Class III, I: Combination of Class III and I

VALUE 11

DESCRIPTION Class III, II: Combination of Class III and II

*Hide Field BikeLane ▲*

FIELD **Snow\_Priority ▶**

ALIAS Snow\_Priority

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

DSNY snow removal priority designation.

LIST OF VALUES

VALUE blank

DESCRIPTION unknown

VALUE C

DESCRIPTION Critical: These routes are comprised of highways (main beds, entrances, exits, interchanges), arterial roadways, main travel thoroughfares (single lane and multi-lane), bus routes, that contain emergency services and first responder facilities (Hospitals, EMS, FDNY, NYPD) and schools.

VALUE S

**DESCRIPTION** Sector: Designed to encompass all streets that are not classified as Critical Streets and are wide enough to accommodate a full size DSNY collection truck with a plow attached.

**VALUE** H

**DESCRIPTION** Haulster: Designed to service dead ends and streets that cannot be serviced with a collection truck or salt spreader with a plow attached due to narrow street width or tight turning radius (either entering or exiting the street).

**VALUE** V

**DESCRIPTION** Non-DSNY

[Hide Field Snow\\_Priority ▲](#)

**FIELD** [Number\\_Travel\\_Lanes ►](#)

**ALIAS** Number\_Travel\_Lanes

\* **DATA TYPE** String

\* **WIDTH** 2

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

The number of lanes in a carriageway (roadway) that are designated for the movement of vehicles traveling from one destination to another. The number of travel lanes were determined by DoITT's consultants working on the planimetric feature classes for NYC.

[Hide Field Number\\_Travel\\_Lanes ▲](#)

**FIELD** [Number\\_Park\\_Lanes ►](#)

**ALIAS** Number\_Park\_Lanes

\* **DATA TYPE** String

\* **WIDTH** 2

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

The number of lanes in a carriageway (roadway) that are reserved for parallel parking of vehicles. The number of parking lanes were determined by DoITT's consultants working on the planimetric feature classes for NYC.

[Hide Field Number\\_Park\\_Lanes ▲](#)

**FIELD** [Number\\_Total\\_Lanes ►](#)

**ALIAS** Number\_Total\_Lanes

\* **DATA TYPE** String

\* **WIDTH** 2

\* **PRECISION** 0

\* **SCALE** 0

**FIELD DESCRIPTION**

The total number of lanes in a carriageway (roadway) including travel lanes and parking lanes. The total number of lanes were determined by DoITT's consultants working on the planimetric feature classes for NYC.

[Hide Field Number\\_Total\\_Lanes ▲](#)

**FIELD** [Carto\\_Display\\_Level ►](#)



ALIAS Carto\_Display\_Level

\* DATA TYPE String

\* WIDTH 20

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Cartographic Display Level: Select LION segments are flagged as a way to designate major roads for cartographic purposes at various scales.

LIST OF VALUES

VALUE 10

DESCRIPTION City

VALUE 20

DESCRIPTION Borough

VALUE 30

DESCRIPTION Neighborhood

*Hide Field Carto\_Display\_Level ▲*

FIELD FCC ►

ALIAS FCC

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Not currently implemented. Federal Classification Code

ACCURACY INFORMATION

ACCURACY Not currently implemented.

*Hide Field FCC ▲*

FIELD ROW\_Type ►

ALIAS ROW\_Type

DATA TYPE String

WIDTH 1

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Right-of-Way Type: These refer only to subway and rail segments.

LIST OF VALUES

VALUE 1

DESCRIPTION Subterranean

VALUE 2

DESCRIPTION Elevated

VALUE 3

DESCRIPTION Surface

VALUE 4

DESCRIPTION Hidden

VALUE 5  
DESCRIPTION Open Cut Depression

VALUE 6  
DESCRIPTION Embankment

VALUE 7  
DESCRIPTION Viaduct

VALUE 8  
DESCRIPTION Subterranean Coincident with Boundary

[Hide Field ROW\\_Type ▲](#)

FIELD LLo\_Hyphen ►

ALIAS LLo\_Hyphen  
DATA TYPE String  
WIDTH 7  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Low Value for the hyphenated address range beginning on the left side of the street segment. Left and right are defined relative to a street segment's direction. For streets that have addresses, the direction of a DCPLION street segment is determined by the direction of increasing address numbers. Note that this direction is unrelated to the street's traffic direction or its orientation relative to the points of the compass. The direction of streets with out address numbers, as well as non-street features, is assigned arbitrarily, but is consistent within the street feature. Direction can usually be determined by observing which way the SeqNum increases. Includes hyphenated addresses.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field LLo\\_Hyphen ▲](#)

FIELD LHi\_Hyphen ►

ALIAS LHi\_Hyphen  
DATA TYPE String  
WIDTH 7  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

High Value for the hyphenated address range beginning on the left side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field LHi\\_Hyphen ▲](#)

FIELD RLo\_Hyphen ►

ALIAS RLo\_Hyphen

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Low Value for the hyphenated address range beginning on the right side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field RLo\\_Hyphen ▲](#)

FIELD RHi\_Hyphen ►

ALIAS RHi\_Hyphen

DATA TYPE String

WIDTH 7

PRECISION 0

SCALE 0

FIELD DESCRIPTION

High Value for the hyphenated address range beginning on the right side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field RHi\\_Hyphen ▲](#)

FIELD FromLeft ►

ALIAS FromLeft

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

Low Value for the numeric address range beginning on the left side of the street segment. For all hyphanated addresses, the hyphen has been removed. To convert the before hyphen portion of the house number is multiplied by 1000 and then added to the

after hyphen portion of the house number (e.g. 101-40 would be converted to 101040).

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field FromLeft ▲*

FIELD ToLeft ▶

ALIAS ToLeft

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

High Value for the numeric address range beginning on the left side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field ToLeft ▲*

FIELD FromRight ▶

ALIAS FromRight

DATA TYPE Integer

WIDTH 9

PRECISION 9

SCALE 0

FIELD DESCRIPTION

Low Value for the numeric address range beginning on the right side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field FromRight ▲*

FIELD ToRight ▶

ALIAS ToRight

DATA TYPE Integer

WIDTH 9  
PRECISION 9  
SCALE 0

FIELD DESCRIPTION

High Value for the numeric address range beginning on the right side of the street segment.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

*Hide Field ToRight ▲*

FIELD Join\_ID ►

ALIAS Join\_ID  
DATA TYPE String  
WIDTH 15  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

Identification field used to link LION feature class with Alternative Names table during a geocoding operation.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

*Hide Field Join\_ID ▲*

FIELD BIKE\_TRAFDIR ►

ALIAS BIKE\_TRAFDIR  
DATA TYPE String  
WIDTH 10  
PRECISION 0  
SCALE 0

FIELD DESCRIPTION

BIKE\_TRAFDIR (Bike Traffic Direction) defines bicycle traffic direction on segments that are part of the bicycle network as defined by the Department of Transportation.

LIST OF VALUES

VALUE blank

DESCRIPTION This segment is not part of the bicycle network as defined by the Department of Transportation.

VALUE FT

DESCRIPTION Bike traffic is one way. The bike traffic flow is with the direction of increasing addresses, if any. This direction is also known as 'with' the segment's logical direction, i.e. from the FROM node to the TO node.

VALUE TF

DESCRIPTION Bike traffic is one way. The bike traffic flow is against the direction of increasing addresses, if any. This direction is also known as 'against' the segment's logical direction, i.e. from the TO node to the FROM node.

VALUE TW

DESCRIPTION Bike traffic is two way. Bicycles travel in both directions.

*Hide Field BIKE\_TRAFDIR ▲*

FIELD ACTIVE\_FLAG ►

ALIAS ACTIVE\_FLAG

DATA TYPE String

WIDTH 10

PRECISION 0

SCALE 0

FIELD DESCRIPTION

ACTIVE\_FLAG only applies to LION segments representing subway features. This field is being introduced with the digitization of the 2nd Avenue subway to indicate which portions are open versus under construction or proposed.

LIST OF VALUES

VALUE Y

DESCRIPTION This portion of the subway is active and open.

VALUE N

DESCRIPTION This portion of the subway is inactive, i.e. either under construction or proposed.

VALUE NULL

DESCRIPTION This segment does not represent a subway feature.

*Hide Field ACTIVE\_FLAG ▲*

FIELD POSTED\_SPEED ►

ALIAS POSTED\_SPEED

DATA TYPE string

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

POSTED\_SPEED contains the speed limit, in miles per hour, of the paved area.

*Hide Field POSTED\_SPEED ▲*

FIELD SHAPE\_Length ►

ALIAS SHAPE\_Length

DATA TYPE Double

WIDTH 19

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.

[Hide Field SHAPE\\_Length ▲](#)

FIELD **StreetWidth\_Max** ►

\* ALIAS StreetWidth\_Max

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

The maximum width, in feet, of the paved area of the street.

[Hide Field StreetWidth\\_Max ▲](#)

[Hide Details for object lion ▲](#)

[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 2016-02-25

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2018-05-25 15:43:34

LAST MODIFIED IN ARCGIS FOR THE ITEM 2018-05-25 15:44:50

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2018-05-25 15:44:50

[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 ▶

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TYPE both

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CITY New York

ADMINISTRATIVE AREA NY

POSTAL CODE 10271

*Hide Contact information ▲*

*Hide Metadata Contacts ▲*

**Metadata Maintenance ▶**

MAINTENANCE

UPDATE FREQUENCY quarterly

*Hide Metadata Maintenance ▲*