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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>West</td>
<td>-74.260380</td>
<td></td>
</tr>
<tr>
<td>East</td>
<td>-73.699206</td>
<td></td>
</tr>
<tr>
<td>North</td>
<td>40.917691</td>
<td>South</td>
</tr>
</tbody>
</table>
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
Publication date  11/18/2019
Indeterminate date  unknown
Creation date  10/23/2019
Edition  19D
Presentation formats  digital map
Series
Name  BYTES of the BIG APPLE
Issue  19D

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

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 role: point of contact

Contact information:
Address:
- Type: both
- Delivery point: 120 Broadway, 31st Floor
- City: New York
- Administrative area: NY
Resources maintenance:

- **Update frequency:** Quarterly

Resource constraints:

- **Legal constraints**
- **Other constraints**
  - LION is freely available to the public.

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:** 9999.99995250255088
    - **Z Origin:** -100000
    - **Z Scale:** 10000

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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",6378137.0,298.25722101]],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

Spatial Data Properties
VECTOR
LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME lion
OBJECT TYPE composite
OBJECT COUNT 228011

ARCGIS FEATURE CLASS PROPERTIES
FEATURE CLASS NAME lion
FEATURE TYPE Simple
GEOMETRY TYPE Polyline
HAS TOPOLOGY FALSE
FEATURE COUNT 228011
SPATIAL INDEX TRUE
LINEAR REFERENCING FALSE

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.

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY

DIMENSION horizontal

MEASURE DESCRIPTION
The LION file is spatially aligned with NYCMap aerial photography.

Lineage

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

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

DISTRIBUTION FORMAT
NAME Shapefile
VERSION 16D

TRANSFER OPTIONS
ONLINE SOURCE
LOCATION https://www1.nyc.gov/site/planning/data-maps/open-data.page
**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.

**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 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
A street that also acts as a census block or district boundary.

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Alley: a narrow street or passageway between and behind city buildings.</td>
</tr>
<tr>
<td>W</td>
<td>Path, Non-Vehicular, Addressable: This is a walking path that contains addresses. For example, some boardwalks and some walking paths in housing projects.</td>
</tr>
<tr>
<td>C</td>
<td>CC0 (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.</td>
</tr>
<tr>
<td>F</td>
<td>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.</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Both: Segment is both generic and roadbed; the center roadbed segment of a divided roadway containing an odd number of roadbeds.</td>
</tr>
<tr>
<td>C</td>
<td>Connector: Segments used to connect adjacent roadbeds of a divided street. Typically these exist to allow traffic flow from one roadbed to another.</td>
</tr>
<tr>
<td>E</td>
<td>Entrance/Exit Ramp: Connects a highway to a different street or highway.</td>
</tr>
<tr>
<td>F</td>
<td>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.</td>
</tr>
<tr>
<td>G</td>
<td>Generic Segment: An imaginary single line representation of a physically divided street.</td>
</tr>
<tr>
<td>R</td>
<td>Roadbed Segment: Depicts physically separated carriageway segments of a particular street.</td>
</tr>
</tbody>
</table>
| T     | 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

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.

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.
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

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.
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, consituent 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.

**FIELD FaceCode**
**ALIAS**  FaceCode
**DATA TYPE**  String
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FaceCode</td>
<td>A four digit number assigned to any linear geographic feature in LION. This</td>
</tr>
<tr>
<td></td>
<td>can be either a street or non-street feature (e.g., shoreline, railroad</td>
</tr>
<tr>
<td></td>
<td>tracks). Also a component field of a unique identifier in LION known as</td>
</tr>
<tr>
<td></td>
<td>the LIONkey (comprised of Boro, FaceCode and SeqNum).</td>
</tr>
<tr>
<td>SeqNum</td>
<td>A five digit number assigned sequentially to the street segments within a</td>
</tr>
<tr>
<td></td>
<td>given face code. The sequence number generally increases with the</td>
</tr>
<tr>
<td></td>
<td>directionality of the street. Also a component field of a unique identifier</td>
</tr>
<tr>
<td></td>
<td>in LION known as the LIONkey (comprised of Boro, FaceCode and SeqNum).</td>
</tr>
<tr>
<td>StreetCode</td>
<td>A numeric code that represents the names of New York city streets. The</td>
</tr>
<tr>
<td></td>
<td>first digit is a borough code; the subsequent five digits are the 5-digit</td>
</tr>
<tr>
<td></td>
<td>street code.</td>
</tr>
<tr>
<td>SAFStreetCode</td>
<td>A Local Group Code (LGC) is a qualifier for DCP's 5 digit street code. Each</td>
</tr>
<tr>
<td></td>
<td>LGC value represents a group of names for the given street that are</td>
</tr>
<tr>
<td></td>
<td>valid for that segment.</td>
</tr>
</tbody>
</table>
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.

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.

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.

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.
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.

**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.

**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'.

**FIELD LocStatus**

**ALIAS** LocStatus  
**DATA TYPE** String  
**WIDTH** 1  
**PRECISION** 0  
**SCALE** 0  
**FIELD DESCRIPTION**  
Segment Locational Status.

**LIST OF VALUES**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>Land-hooked segment, i.e. a segment internal to a Dynamic Block but not a dead end.</td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>
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

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.

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.
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

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
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 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 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.

FIELD LCT2010 ▶

ALIAS LCT2010
DATA TYPE String
WIDTH 4
PRECISION 0
SCALE 0
FIELD DESCRIPTION
    Left 2010 Census Tract.

FIELD LCT2010Suf ▶

ALIAS LCT2010Suf
DATA TYPE String
WIDTH 2
PRECISION 0
SCALE 0
FIELD DESCRIPTION
    Left 2010 Census Tract Suffix.

FIELD RCT2010 ▶

ALIAS RCT2010
DATA TYPE String
WIDTH 4
PRECISION 0
SCALE 0
FIELD DESCRIPTION
    Right 2010 Census Tract.

FIELD RCT2010Suf ▶

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

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

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.

FIELD RAssmDist ►
  ALIAS RAssmDist
  DATA TYPE String
  WIDTH 2
  PRECISION 0
  SCALE 0
  FIELD DESCRIPTION
  Assembly District for the right side of the street.

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.

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**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>BLANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Neither side of segment is split among two or more election districts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALUE</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Both sides of segment are split among two or more election districts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALUE</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Left side of segment is split</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALUE</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Right side of segment is split.</td>
</tr>
</tbody>
</table>

**FIELD LSchlDist**

<table>
<thead>
<tr>
<th>ALIAS</th>
<th>LSchlDist</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA TYPE</td>
<td>String</td>
</tr>
<tr>
<td>WIDTH</td>
<td>2</td>
</tr>
<tr>
<td>PRECISION</td>
<td>0</td>
</tr>
<tr>
<td>SCALE</td>
<td>0</td>
</tr>
</tbody>
</table>

**FIELD DESCRIPTION**

School District for the left side of the street.

**FIELD RSchlDist**

<table>
<thead>
<tr>
<th>ALIAS</th>
<th>RSchlDist</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA TYPE</td>
<td>String</td>
</tr>
<tr>
<td>WIDTH</td>
<td>2</td>
</tr>
<tr>
<td>PRECISION</td>
<td>0</td>
</tr>
<tr>
<td>SCALE</td>
<td>0</td>
</tr>
</tbody>
</table>

**FIELD DESCRIPTION**

School District for the right side of the street.

**FIELD SplitSchl**

<table>
<thead>
<tr>
<th>ALIAS</th>
<th>SplitSchl</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA TYPE</td>
<td>String</td>
</tr>
<tr>
<td>WIDTH</td>
<td>1</td>
</tr>
<tr>
<td>PRECISION</td>
<td>0</td>
</tr>
<tr>
<td>SCALE</td>
<td>0</td>
</tr>
</tbody>
</table>

**FIELD DESCRIPTION**

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

**LIST OF VALUES**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>BLANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Neither side of segment is split among two or more election districts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALUE</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Both sides of segment are split among two or more election districts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALUE</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>DESCRIPTION</td>
<td>Left side of segment is split</td>
</tr>
</tbody>
</table>
VALUE    R
DESCRIPTION Right side of segment is split

Hide Field SplitScht ▲

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.
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.

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.

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.

FIELD ArcCenterX
ALIAS  ArcCenterX
DATA TYPE  Integer
WIDTH  9
PRECISION  9
SCALE  0
FIELD DESCRIPTION
  X (Spatial) coordinate at the center of the curve.

FIELD ArcCenterY
ALIAS  ArcCenterY
DATA TYPE  Integer
WIDTH  9
PRECISION  9
SCALE  0
FIELD DESCRIPTION
  Y (Spatial) coordinate at the center of the curve.
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 represents 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**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Odd and Even house number are both on the left side of the segment.</td>
</tr>
<tr>
<td>R</td>
<td>Odd and Even house number are both on the right side of the segment.</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>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).</td>
</tr>
</tbody>
</table>

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**

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Street</td>
</tr>
<tr>
<td>2</td>
<td>Highway</td>
</tr>
<tr>
<td>3</td>
<td>Bridge</td>
</tr>
</tbody>
</table>
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.
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.

**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.

**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
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.

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.

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 land 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
FIELD ROW_Type

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

LIST OF VALUES

<table>
<thead>
<tr>
<th>VALUE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Subterranean</td>
</tr>
<tr>
<td>2</td>
<td>Elevated</td>
</tr>
<tr>
<td>3</td>
<td>Surface</td>
</tr>
<tr>
<td>4</td>
<td>Hidden</td>
</tr>
<tr>
<td>5</td>
<td>Open Cut Depression</td>
</tr>
<tr>
<td>6</td>
<td>Embankment</td>
</tr>
<tr>
<td>7</td>
<td>Viaduct</td>
</tr>
<tr>
<td>8</td>
<td>Subterranean Coincident with Boundary</td>
</tr>
</tbody>
</table>

FIELD LLo_Hyphen

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 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 hyphenated 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.

- **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.

- **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.
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

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>blank</td>
<td>This segment is not part of the bicycle network as defined by the Department of Transportation.</td>
</tr>
<tr>
<td>FT</td>
<td>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.</td>
</tr>
<tr>
<td>TF</td>
<td>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.</td>
</tr>
<tr>
<td>TW</td>
<td>Bike traffic is two way. Bicycles travel in both directions.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y</td>
<td>This portion of the subway is active and open.</td>
</tr>
<tr>
<td>N</td>
<td>This portion of the subway is inactive, i.e. either under construction or proposed.</td>
</tr>
<tr>
<td>NULL</td>
<td>This segment does not represent a subway feature.</td>
</tr>
</tbody>
</table>

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.
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.

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.

FIELD L_PD_Service_Area

ALIAS L_PD_Service_Area
DATA TYPE String
WIDTH 1
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Left side Police Service Areas (PSAs), which provides the Housing Bureau Police services to a set of housing developments.

FIELD R_PD_Service_Area

ALIAS R_PD_Service_Area
DATA TYPE String
WIDTH 1
PRECISION 0
SCALE 0
FIELD DESCRIPTION
Right side Police Service Areas (PSAs), which provides the Housing Bureau Police services to a set of housing developments.

FIELD TRUCK_ROUTE_TYPE

ALIAS TRUCK_ROUTE_TYPE
DATA TYPE String
WIDTH 1
Segments that are part of the New York City truck route network designated by Department of Transportation for use by trucks and other commercial vehicles.

**List of Values**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Limited Local</td>
</tr>
<tr>
<td>2</td>
<td>Local</td>
</tr>
<tr>
<td>3</td>
<td>Through</td>
</tr>
</tbody>
</table>

Hide Field TRUCK_ROUTE_TYPE ▲

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**  2019-11-08 11:59:19

**Last Modified in ArcGIS for the Item**  2019-11-08 12:00:37

**Automatic Updates**

**Have Been Performed**  Yes

**Last Update**  2019-11-08 12:00:37

Hide Metadata Details ▲

**Metadata Contacts ▶**

**Metadata Contact**

**Organization's Name**  Department of City Planning

**Contact's Role**  point of contact

**Contact Information ▶**

**Type** both

**Delivery Point**  120 Broadway, 31st Floor

**City**  New York

**Administrative Area**  NY

**Postal Code**  10271
Metadata Maintenance

MAINTENANCE
UPDATE FREQUENCY  quarterly