**LION**

1. Data: <https://www1.nyc.gov/site/planning/data-maps/open-data/dwn-lion.page>
2. Geographic Research Unit
3. Updated quarterly
4. Projection: NAD83 / New York Long Island (ftUS)
5. Line: <https://www1.nyc.gov/assets/planning/download/pdf/data-maps/open-data/lion_metadata.pdf?r=21d>
   1. Segment ID
   2. Physical ID
   3. Sequence Number
   4. Street Name
      1. SAF name
      2. Special Address
   5. Street Code
   6. RB Layer
      1. Roadbed; Generic; Both
   7. Feature Type
      1. Street; Railroad; Shoreline; Boundary; Paper Street; Private Street; Alley; Path; CCO; Ferry
   8. Segment Type
      1. Roadbed; Generic; Both; Connector; Ramp; Faux; Terminator; Undivided; Suppressed
   9. Roadway Type
      1. Street; Highway; Bridge; Tunnel; Boardwalk; Path; Step Street; Driveway; Ramp; Alley; Unknown; Non-Physical; U-Turn; Ferry
   10. Traffic Direction
       1. With; Against; Two-way; Ped Path
   11. Non-Ped
       1. Ped accessible; Vehicle-Only
   12. Street Width Min/Max
   13. Bike Lane/Direction
   14. Number of Travel/Park Lanes
   15. Posted Speed
   16. Truck Route Type
   17. L/R Zipcode/Boro/CD/BlockFaceID
   18. L/R From/To Address Number
   19. From/To X/Y
   20. From/To Node ID
   21. From/To Node Level
       1. M as ground level
   22. LION Streets-Roadbeds
       1. SegmentTyp in ( 'B', 'R', 'E', 'T', 'C', 'S', 'U') AND FeatureTyp in ( '0', '6', 'C', 'W', 'A', 'F')
6. Node layer: <https://www1.nyc.gov/assets/planning/download/pdf/data-maps/open-data/node_metadata.pdf?r=21d>
7. Node Street Name: <https://www1.nyc.gov/assets/planning/download/pdf/data-maps/open-data/node_stname_metadata.pdf?r=21d>
8. Alternate Street Name: <https://www1.nyc.gov/assets/planning/download/pdf/data-maps/open-data/altnames_metadata.pdf?r=21d>
9. CSCL: <https://data.cityofnewyork.us/City-Government/NYC-Street-Centerline-CSCL-/exjm-f27b>
10. CLION: G:\DATA\_Processing\Crash Data\2015-2019\CLION overview 20200629 - DRAFT.pdf
11. Street Name Dictionary (SND): <https://www1.nyc.gov/site/planning/data-maps/open-data.page#other>
12. Geographic Online Address Translator (GOAT): <http://a030-goat.nyc.gov/goat>
13. City Map
    1. Data: <https://www1.nyc.gov/site/planning/data-maps/open-data.page#digitalcitymap>
    2. App: <https://streets.planning.nyc.gov/about>