Centerline

Shapefile

Tags
New York, Manhattan, Staten Island, LION, Bronx, Transportation, Queens, centerline, Brooklyn, Highway, CSCL, Streets, Roads

Summary
The Centerline file has been maintained as a major component of the Department of City Planning's Geosupport System and has been updated to meet the needs of the public safety agencies for dispatch.

Description
Centerline is a single line representation of New York City streets containing address ranges and other information such as traffic directions, road types, segment types.

Credits
Department of City Planning

Use limitations
While all possible measures have been taken to ensure the accuracy of this data, the City of New York assumes no responsibility for the accuracy of the data for their purposes.

Extent

West -74.256772 **East** -73.699228
North 40.915139 **South** 40.497722

Scale Range
There is no scale range for this item.

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE transportation

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS New York, Manhattan, Staten Island, Bronx, Queens, Brooklyn

THEME KEYWORDS LION, Transportation, centerline, Highway, CSCL, Streets, Roads

THEME KEYWORDS transportation

THESAURUS ►
TITLE ISO 19115 Topic Categories

Citation ►

* TITLE Centerline

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

Citation Contacts ►

RESPONSIBLE PARTY
ORGANIZATION'S NAME Department of Information Technology and Telecommunications
CONTACT'S ROLE publisher

CONTACT INFORMATION ►
ADDRESS
DELIVERY POINT New York City

RESPONSIBLE PARTY
ORGANIZATION'S NAME Department of City Planning. Those segments whose SEGMENTID >=9,000,000 were created by CSCL.
CONTACT'S ROLE originator

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

STATUS completed
SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION
The Centerline Maintenance Group (CMG) is the entity that is responsible for all updates to the CSCL centerline.

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200); Esri ArcGIS 10.3.1.4959

CREDITS
Department of City Planning

ARCGIS ITEM PROPERTIES
* NAME Centerline
* SIZE 13.358

Extents ►

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
WEST LONGITUDE -74.305107
EAST LONGITUDE -73.617032
SOUTH LATITUDE 40.467969
NORTH LATITUDE 40.976377

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -74.256772
* EAST LONGITUDE -73.699228
* NORTH LATITUDE 40.915139
* SOUTH LATITUDE 40.497722
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE 913281.479614
* EAST LONGITUDE 1067379.529403
* SOUTH LATITUDE 120751.979187

* NORTH LATITUDE 272688.094440
* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact ►

POINT OF CONTACT
INDIVIDUAL'S NAME Michele McInnes
ORGANIZATION'S NAME Department of City Planning
CONTACT'S POSITION Geographic Systems User Liaison
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►
PHONE
VOICE 212.720.3540

ADDRESS
TYPE both
DELIVERY POINT 120 BROADWAY, 31st FLOOR
CITY New York
ADMINISTRATIVE AREA NY
POSTAL CODE 10271
COUNTRY US
E-MAIL ADDRESS MMCINNE@planning.nyc.gov

Resource Maintenance ►

RESOURCE MAINTENANCE
UPDATE FREQUENCY daily

Resource Constraints ►

CONSTRAINTS
LIMITATIONS OF USE
While all possible measures have been taken to ensure the accuracy of this data, the City of New York assumes no responsibility for the accuracy of the data for their purposes.

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 37212589.015695661
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.0032808333333333331
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2263

WELL-KNOWN TEXT
PROJCS["NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",984250.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-74.0],PARAMETER["Standard_Parallel_1",40.66666666666666],PARAMETER["Standard_Parallel_2",41.03333333333333],PARAMETER["Latitude_Of_Origin",40.16666666666666],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2263]]

REFERENCE SYSTEM IDENTIFIER
* VALUE 2263
* CODESPACE EPSG
* VERSION 8.6.2

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME Centerline
* OBJECT TYPE composite
* OBJECT COUNT 117321

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME Centerline
* FEATURE TYPE Simple
* GEOMETRY TYPE Polyline
* HAS TOPOLOGY FALSE
* FEATURE COUNT 117321
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Distribution ►

DISTRIBUTION FORMAT
* NAME Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE 13.358

Fields ►

DETAILS FOR OBJECT Centerline ►
* TYPE Feature Class
* ROW COUNT 117321

FIELD FID ►
* ALIAS FID
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* 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 OF VALUES
  Coordinates defining the features.

FIELD PHYSICALID ►
* ALIAS PHYSICALID
* DATA TYPE Integer
* WIDTH 10
* PRECISION 10
* SCALE 0
FIELD DESCRIPTION
  A unique ID assigned to intersection to intersection stretches of a street.

FIELD L_LOW_HN ►
* ALIAS L_LOW_HN
* DATA TYPE String
* WIDTH 7
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
  Low value for the address range on the left side of the street segment, relative to the digitized direction of the segment.

FIELD L_HIGH_HN ►
* ALIAS L_HIGH_HN
* DATA TYPE String
* WIDTH 7
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
  High value for the address range on the left side of the street segment, relative to the digitized direction of the segment.

FIELD R_LOW_HN ►
* ALIAS R_LOW_HN
* DATA TYPE String
* WIDTH 7
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
  Low value for the address range on the right side of the street segment, relative to the digitized direction of the segment.

FIELD R_HIGH_HN ►
* ALIAS R_HIGH_HN
* DATA TYPE String
* WIDTH 7
* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

High value for the address range on the right side of the street segment, relative to the digitized direction of the segment.

FIELD L_BLKFC_ID ►

* ALIAS L_BLKFC_ID
* DATA TYPE Integer
* WIDTH 10
* PRECISION 10
* SCALE 0

FIELD DESCRIPTION

A ten-digit number 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.

FIELD R_BLKFC_ID ►

* ALIAS R_BLKFC_ID
* DATA TYPE Integer
* WIDTH 10
* PRECISION 10
* SCALE 0

FIELD DESCRIPTION

A ten-digit number 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 R_ZIP ►

* ALIAS R_ZIP
* DATA TYPE String
* WIDTH 5
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Five-digit postal zip code for the right side of the street segment, relative to the digitized direction of the segment.

FIELD L_ZIP ►

* ALIAS L_ZIP
* DATA TYPE String
* WIDTH 5
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Five-digit postal zip code for the left side of the street segment, relative to the digitized direction of the segment.

FIELD ST_NAME ►

* ALIAS STNAME_LABEL
* DATA TYPE String
* WIDTH 90
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Street Name added for cartographic labeling purposes.

FIELD STATUS ►

* ALIAS STATUS
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Refers to the construction status of a street segment: Constructed, Paper, Under Construction, Demapped, or Paper Street Coincident with Boundary.

1	Planned Private
2	Constructed
3	Paper
4	Under Construction
5	Demapped
9	Paper Street Coincident with Boundary

FIELD BIKE_LANE ►

* ALIAS BIKE_LANE
* DATA TYPE String
* WIDTH 2
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Defines which segments are part of the bicycle network as defined by the NYC Department of Transportation.

1	Class I
2	Class II
3	Class III
4	Links
5	Class I, II
6	Class II, III
7	Stairs
8	Class I, III
9	Class II, I
10	Class III, I
11	Class III, II

FIELD BOROCODE ►

* ALIAS BOROCODE
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

A 1-digit code identifying the borough the feature is located in.

1	Manhattan
2	Bronx
3	Brooklyn
4	Queens
5	Staten Island
6	Nassau County

7	Westchester
8	New Jersey

FIELD ST_WIDTH ►
* ALIAS ST_WIDTH
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
The width, in feet, of the paved area of the street.

FIELD CREATED ►
* ALIAS CREATED
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Date feature was created

FIELD MODIFIED ►
* ALIAS MODIFIED
* DATA TYPE Date
* WIDTH 8
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Date the feature was last modified.

FIELD TRAFDIR ►
* ALIAS TRAFDIR
* DATA TYPE String
* WIDTH 2
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Traffic Direction. Code indicating the flow of traffic relative to the street segment's address range.

- FT - With
- TF - Against
- TW - Two-Way
- NV - Non-Vehicular

FIELD RW_TYPE ►
* ALIAS RW_TYPE
* DATA TYPE SmallInteger
* WIDTH 5
* PRECISION 5
* SCALE 0
FIELD DESCRIPTION
Street Centerline roadway type.

1	Street
2	Highway
3	Bridge
4	Tunnel
5	Boardwalk

6	Path/Trail
7	StepStreet
8	Driveway
9	Ramp
10	Alley
11	Unknown
12	Non-Physical Street Segment
13	U Turn
14	Ferry Route

FIELD FRM_LVL_CO ►

* ALIAS FRM_LVL_CO
* DATA TYPE SmallInteger
* WIDTH 5
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

Numeric value indicating the vertical position of the feature's "from" node relative to grade level.

1	Below Grade 1	15	Above Grade 2
2	Below Grade 2	16	Above Grade 3
3	Below Grade 3	17	Above Grade 4
4	Below Grade 4	18	Above Grade 5
5	Below Grade 5	19	Above Grade 6
6	Below Grade 6	20	Above Grade 7
7	Below Grade 7	21	Above Grade 8
8	Below Grade 8	22	Above Grade 9
9	Below Grade 9	23	Above Grade 10
10	Below Grade 10	24	Above Grade 11
11	Below Grade 11	25	Above Grade 12
12	Below Grade 12	26	Above Grade 13
13	At Grade	99	Not Applicable
14	Above Grade 1		

FIELD TO_LVL_CO ►

* ALIAS TO_LVL_CO
* DATA TYPE SmallInteger
* WIDTH 5
* PRECISION 5
* SCALE 0

FIELD DESCRIPTION

Numeric value indicating the vertical position of the feature's "to" node relative to grade level.

1	Below Grade 1	15	Above Grade 2
2	Below Grade 2	16	Above Grade 3
3	Below Grade 3	17	Above Grade 4
4	Below Grade 4	18	Above Grade 5
5	Below Grade 5	19	Above Grade 6
6	Below Grade 6	20	Above Grade 7
7	Below Grade 7	21	Above Grade 8
8	Below Grade 8	22	Above Grade 9
9	Below Grade 9	23	Above Grade 10
10	Below Grade 10	24	Above Grade 11
11	Below Grade 11	25	Above Grade 12
12	Below Grade 12	26	Above Grade 13
13	At Grade	99	Not Applicable
14	Above Grade 1		

FIELD SNOW_PRI ►
* ALIAS SNOW_PRI
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Department of Sanitation (DSNY) snow removal priority designation.

V	Non-DSNY
C	Critical
H	Haulster
S	Sector

FIELD SHAPE_Leng ►
* ALIAS SHAPE_Leng
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION

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 2016-11-16

ARCGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2013-12-31 11:29:39
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-11-16 11:31:59

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2016-11-16 11:31:59

Metadata Contacts ►

METADATA CONTACT
INDIVIDUAL'S NAME Michele McInnes
ORGANIZATION'S NAME Department of City Planning
CONTACT'S POSITION Geographic Systems User Liaison
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►
PHONE

VOICE 212.720.3540

ADDRESS
TYPE both
DELIVERY POINT 120 BROADWAY, 31st FLOOR
CITY New York
ADMINISTRATIVE AREA NY
POSTAL CODE 10271
COUNTRY US
E-MAIL ADDRESS MMCINNE@planning.nyc.gov