

# 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 PRE\_MODI ►

\* ALIAS PRE\_MODI  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

A word or phrase that precedes and modifies the Street Name element, typically separated from it by a PreType, PreDirectional, or both.

FIELD PRE\_DIR ►

\* ALIAS PRE\_DIR  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

A street direction that precedes the street name.

FIELD PRE\_TYPE ►

\* ALIAS PRE\_TYPE  
\* DATA TYPE String  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

A word or phrase that precedes the Street Name element and identifies a type of thoroughfare.

FIELD POST\_TYPE ►

\* ALIAS POST\_TYPE  
\* DATA TYPE String  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

An abbreviated street type that follows the StreetName element.

FIELD POST\_DIR ►  
\* ALIAS POST\_DIR  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

A street direction that follows the street name.

FIELD POST\_MODI ►  
\* ALIAS POST\_MODI  
\* DATA TYPE String  
\* WIDTH 10  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

A descriptor that follows the street name and is not a suffix or a direction.

FIELD FULL\_NAME ►  
\* ALIAS FULL\_NAME  
\* DATA TYPE String  
\* WIDTH 120  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION:

Full street Name

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](mailto:MMCINNE@planning.nyc.gov)