

# Open Data Dataset Metadata

2020-11-23

Dataset Name: **Street Centrelines**

Open Data Categories

Date Released:

**April 10, 2013**

**Boundaries & Topo**

**Infrastructure & Asset Management**

**Transportation & Transit**

Data Description:

Single line representation of every street in HRM with associated street names and types, address block face ranges, ownership and communities

Data Purpose:

Base layer of street information to be used for civic addressing, emergency service providers and routing requirements

Notes or Disclaimers:

Dataset Owner: **Halifax**

Owner Contact Information: **opendata@halifax.ca**

Dataset Tags:

**Segment, Block, Range, Centreline, Road, Street**

Fitness for Use: **Excellent**

Dataset Period of Coverage: **2001 - current**

Dataset Type: **Spatial**

Dataset Format: **SDE Feature Class**

Coordinate System: **WGS 84**

Maintenance Frequency: **Daily**

Data Refresh: **Yes**

Refresh Frequency: **Daily**

Attributes: See 'Appendix A'

Terms of Use: [Open Data Licence](#)

**Appendix A**

Dataset Name: **Street Centrelines**  
 Feature Class Name: TRN\_street  
 Shape Type: Polyline  
 Feature Type: Feature Class

October 16, 2020

| Open Data Metadata |   | Dataset Metadata |              |              |
|--------------------|---|------------------|--------------|--------------|
| Published Name     | Description   | Field Name       | Field Type   | Field Length |
| OBJECTID           | System Generated ID   | OBJECTID         | OID          | 4            |
| FCODE              | The feature code as inherited from the Nova Scotia Geomatics Centre   | FCODE            | String       | 12           |
| STR_NAME           | The name of the street (excludes the street type)   | STR_NAME         | String       | 40           |
| STR_TYPE           | The street suffix / type  | STR_TYPE         | String       | 6            |
| FULL_NAME          | The full name of the street including the street type   | FULL_NAME        | String       | 50           |
| MUN_CODE           | The municipality or county code (only contains values of 'HRM' for Open Data)   | MUN_CODE         | String       | 3            |
| FROM_STR           | The intersecting street at the origin of the street segment   | FROM_STR         | String       | 50           |
| TO_STR             | The intersecting street at the destination of the street segment  | TO_STR           | String       | 50           |
| STR_DIR            | Represents the direction of the traffic flow of the street segment  | STR_DIR          | String       | 4            |
| STR_STATUS         | Indicates the stage of construction and or status for public use  | STR_STATUS       | String       | 4            |
| ST_CLASS           | The existing street classification as indicated by HRM Traffic and Right of Way division  | ST_CLASS         | String       | 40           |
| OWN                | Indicates the ownership of the street   | OWN              | String       | 4            |
| Winter Maintenance | Indicates who is responsible for maintaining the street   | MAINTENANCE      | String       | 4            |
| DATE_ACCEPT        | The date that HRM accepted the street take-over   | DATE_ACCEPT      | Date         | 8            |
| FROM_ELEV          | Elevation value used for overpass / underpass situations in network exercises   | FROM_ELEV        | SmallInteger | 2            |
| TO_ELEV            | Elevation value used for overpass / underpass situations in network exercises   | TO_ELEV          | SmallInteger | 2            |
| STR_REM            | Additional comments about the street  | STR_REM          | String       | 100          |
| PSAB_CODE          | Internal HRM code related to PSAB (Public Sector Accounting Board) compliance   | PSAB_CODE        | String       | 12           |
| FLAGS              | Internal HRM code to identify potential further investigation   | FLAGS            | String       | 35           |
| ACC                | Indicates the street segment accuracy   | ACC              | String       | 5            |
| SOURCE             | The originating source of the data  | SOURCE           | String       | 12           |
| DATE_ACT           | The date on which the route was added to the system   | DATE_ACT         | Date         | 8            |
| SYS_DATE           | System date populated for NSCAF (Nova Scotia Civic Address File) requirements. Indicates the last date the segment was modified | SYS_DATE         | Date         | 8            |
| FDMID              | Unique ID assigned to each street segment   | FDMID            | Integer      | 4            |
| ROUTE_ID           | Unique ID for each street, independent of how many communities it passes through  | ROUTE_ID         | Integer      | 4            |
| FROM_LEFT          | Represents the lowest allowable civic address at the beginning of the street segment, on the left side                          | FROM_LEFT        | Integer      | 4            |
| TO_LEFT            | Represents the highest allowable civic address at the end of the street segment, on the left side                               | TO_LEFT          | Integer      | 4            |
| FROM_RIGHT         | Represents the lowest allowable civic address at the beginning of the street segment, on the right side                         | FROM_RIGHT       | Integer      | 4            |
| TO_RIGHT           | Represents the highest allowable civic address at the end of the street segment, on the right side                              | TO_RIGHT         | Integer      | 4            |

|                   |   |              |         |    |
|-------------------|---|--------------|---------|----|
| OLD_FDMID         | The previous FDMID if the segment was split   | OLD_FDMID    | Integer | 4  |
| Left Community    | The community name that falls on the left side of the street segment  | GSA_LEFT     | String  | 40 |
| Right Community   | The community name that falls on the right side of the street segment   | GSA_RIGHT    | String  | 40 |
| Left Parity       | Indication of the civic number methodology on the left side of the street and expected pattern as numbers increase                  | PAR_LEFT     | String  | 10 |
| Right Parity      | Indication of the civic number methodology on the right side of the street and expected pattern as numbers increase                 | PAR_RIGHT    | String  | 10 |
| Left Street Code  | Unique ID for the left side of the street segment that have the same street name, street type and community name (GSA) combination  | STR_CODE_L   | Integer | 4  |
| Right Street Code | Unique ID for the right side of the street segment that have the same street name, street type and community name (GSA) combination | STR_CODE_R   | Integer | 4  |
| Lane Count        | The number of traffic lanes along a particular street segment   | LANECOUNT    | Integer | 4  |
| LEN               | The length of the shape, calculated by the software   | SHAPE_Length | Double  | 8  |

#### Attribute Values for Fields - FIELD NAME (Domain Name)

FCODE

| Code | Description           |
|------|-----------------------|
| RRRD | Generic code for road |

STR\_TYPE (SNF\_str\_type)

| Code | Description |
|------|-------------|
| AVE  | Avenue      |
| BLVD | Boulevard   |
| BRAE | Brae        |
| BRDG | Bridge      |
| BYPS | Bypass      |
| CIR  | Circle      |
| CL   | Close       |
| CONN | Connector   |
| CRES | Crescent    |
| CRT  | Court       |
| CRSS | Cross       |
| CRST | Crest       |
| DIV  | Diversion   |
| DR   | Drive       |
| EAST | East        |
| EXT  | Extension   |
| GATE | Gate        |
| GTWY | Gateway     |
| GRN  | Green       |
| GRV  | Grove       |
| HALL | Hall        |
| HILL | Hill        |

|      |              |
|------|--------------|
| HLLW | Hollow       |
| HTS  | Heights      |
| HWY  | Highway      |
| LNDG | Landing      |
| LANE | Lane         |
| LOOP | Loop         |
| PASS | Pass         |
| PATH | Path         |
| PKY  | Parkway      |
| PL   | Place        |
| PLZ  | Plaza        |
| RAMP | Ramp         |
| RG   | Ridge        |
| RD   | Road         |
| ROT  | Rotary       |
| ROW  | Row          |
| RUN  | Run          |
| SQ   | Square       |
| ST   | Street       |
| TERR | Terrace      |
| TURN | Turn         |
| TRL  | Trail        |
| UN   | Unknown      |
| WALK | Walk         |
| WA   | Water Access |
| WAY  | Way          |
| WDS  | Woods        |
| WEST | West         |
| PSSG | Passage      |

MUN\_CODE (CA\_mun\_code)

| Code | Description                   |
|------|-------------------------------|
| HRM  | Halifax Regional Municipality |

STR\_DIR (SNF\_oneway)

| Code | Description                          |
|------|--------------------------------------|
| FOTD | One way - From origin to destination |
| FDTO | One way - From destination to origin |
| BOTH | Two way street                       |

## STR\_STATUS (SNF\_street\_status)

| Code | Description |
|------|-------------|
| A    | Active      |
| I    | Inactive    |
| UN   | Unknown     |

## STR\_STATUS (SNF\_pst\_class)

| Code            | Description     |
|-----------------|-----------------|
| FREEWAY         | FREEWAY         |
| EXPRESSWAY      | EXPRESSWAY      |
| ARTERIAL        | ARTERIAL        |
| MAJOR COLLECTOR | MAJOR COLLECTOR |
| MINOR COLLECTOR | MINOR COLLECTOR |
| LOCAL STREET    | LOCAL STREET    |

## OWN (SNF\_own)

| Code | Description  |
|------|--|
| DND  | Department of National Defense                                       |
| HRM  | Halifax Regional Municipality  |
| PRIV | Private ownership  |
| UN   | Unknown  |
| PROV | Province of Nova Scotia  |
| FED  | Federal Government of Canada   |
| NA   | Dedicated for Public Use but Not Accepted                            |
| NTO  | Halifax Regional Municipally owned, No Take Over letter received yet |

## MAINTENANCE (SNF\_maintenance)

| Code | Description                                  |
|------|--|
| DND  | Department of National Defense               |
| E1   | HRM East Area 1                              |
| E2   | HRM East Area 2                              |
| FED  | Federal Government of Canada                 |
| HDBC | Halifax Harbour Bridges                      |
| HIAA | Halifax International Airport Authority      |
| NPS  | No Public Service                            |
| PB1  | HRM PB Area 1                                |
| PB3  | HRM PB Area 3                                |
| PB4  | HRM PB Area 4                                |
| PBVH | Province of Nova Scotia - NSTIR Beechville   |
| PBRs | Province of Nova Scotia - NSTIR Burnside     |
| PCHZ | Province of Nova Scotia - NSTIR Chezzetcook  |
| PMN  | Province of Nova Scotia - NSTIR Milford/Noel |
| PMQB | Province of Nova Scotia - NSTIR Musquodoboit |

|      |  |
|------|--|
| PSB  | Province of Nova Scotia - NSTIR Spry Bay |
| UN   | Unknown                                  |
| W1   | HRM West Area 1                          |
| W2   | HRM West Area 2                          |
| W3   | HRM West Area 3                          |
| WSZ2 | HRM Winter Service Zone 2                |

FROM\_ELEV & TO\_ELEV (SNF\_elev)

| Code | Description |
|------|-------------|
| 0    | 0           |
| 1    | 1           |

PSAB\_CODE (SNF\_psab\_code)

| Code | Description                       |
|------|-----------------------------------|
| CA   | Original Civic Addressing project |
| CR   | Corrections                       |
| CS   | Customer Services                 |
| DM   | Data Management                   |
| SD   | Subdivision process               |
| BP   | Business Park                     |
| FA   | Found Asset                       |
| CP   | Capital Projects                  |

FLAGS

| Code | Description   |
|------|---|
| ADD  | Street added from field verified maps                         |
| DEL  | Street marked for deletion                                    |
| DIV  | Diversion segment where road was straightened                 |
| DSN  | Duplicated street name - such as a broken loop or forking     |
| ERM  | Excessive civic range in MSAG                                 |
| GAP  | Will contain ranges within peninsula not assigned to segments |
| GNP  | General numbering problem - could cause confusion             |
| GSA  | Street segment has GSA issue - further checking required      |
| JAP  | Spatial offset of a continuous street with addressable points |
| JOG  | Spatial offset of a continuous street                         |
| MGS  | Maintaining grid system - peninsula only - update MSAG        |
| NAR  | No addressable range  |
| NFV  | Not field verified  |
| NIC  | Non intersection street name changes                          |
| NRR  | Named road reserve  |
| OLR  | Overlapping range   |
| PDE  | Parcel data error   |
| PDR  | Private driveway with three or more addressable buildings     |

|       |  |
|-------|--|
| QSL   | Questionable sign location                         |
| RAF   | Range adjusted to reflect that in the field        |
| RAM   | Range adjusted to reflect that in MSAG             |
| RD20  | Range determined based on twenty foot standard     |
| RNP   | Reverse numbering problem - excluding peninsula    |
| RNV   | Range not verified, not enough info on map         |
| SAR   | Street access restricted - may be gated or blocked |
| SNC   | Street name changed to that posted in field        |
| SNTC  | Street name and type changed                       |
| SSA   | Significant spatial adjustment                     |
| STC   | Street type changed to that posted in field        |
| TL    | Turning lane                                       |
| UIMSN | Update street name info in MSAG                    |
| UIMSR | Update street range info in MSAG                   |
| UIMST | Update street type info in MSAG                    |
| UNRR  | Unnamed road reserve                               |
| UTR   | Utility road                                       |
| ZAG   | Zero ranges valid on street segment                |

#### ACC (SNF\_acc)

| Code  | Description                                       |
|-------|---|
| GPS   | Global Positioning System                         |
| HAND  | Hand drawn  |
| NSTDB | Nova Scotia Topographic Database - extracted      |
| R1991 | Roads 1991 – 1:10,000 digital file - extracted    |
| ROW   | Located in the parcel Road Right-of-Way           |
| S97   | Streets 97 digital file - extracted               |
| SCH   | Schematic – placed by eye                         |
| SNF   | Existing Street Network File as of April 1, 2001  |
| NSPRD | Nova Scotia Property Records Database - extracted |

#### SOURCE (SNF\_source)

| Code | Description                       |
|------|-----------------------------------|
| CA   | Original Civic Addressing project |
| CR   | Corrections                       |
| CS   | Customer Services                 |
| DM   | Data Management                   |
| SD   | Subdivision process               |
| BP   | Business Park                     |

PAR\_LEFT & PAR\_RIGHT (SNF\_parity)

| Code |  | Description           |
|------|--|-----------------------|
| ER   |  | Evens Right           |
| EL   |  | Evens Left            |
| ERR  |  | Error                 |
| OR   |  | Odds Right            |
| OL   |  | Odds Left             |
| SQ   |  | Sequential            |
| SQE  |  | Sequential Even       |
| SQO  |  | Sequential Odd        |
| UN   |  | Unknown               |
| NAR  |  | Non Addressable Range |