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Land Information Ontario (LIO) Warehouse

Data Class Name: ORN Segment with Address

Documentation

Produced by: Spatial Data Support Unit

Ministry of Natural Resources and Forestry

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**Purpose**

This document provides additional information to support the use of geospatial data. The Physical Model Diagram provides a visual representation of the relationships in the data class. The Data Change History lists all the modelling and access changes that have occurred during the lifecycle of the data class. A data description identifying table and field names is available upon request.

**Need Assistance?**

Please contact LIO Support at [lio@ontario.ca](mailto:lio@ontario.ca) or 705-755-1878 if you require help.

Physical Model Diagram

Image showing the relationships between entities (tables) and includes the attributes associated with the ORN Road Net Element data class.

Data Class Change History

Data Class Name: ORN Segment with Address

Data Class Short Name: ORNSEGAD

| Date  YYYY-MM-DD | Details of Change |
| --- | --- |
| **2019-02-04** | ORN\_STANDARD\_MUNICIPALITY\_LIST lookup table values changes:   * Expired Value: 'Township of Tarbutt and Tarbutt Additional' * New Value: 'Township of Tarbutt' |
| **2016-04-05** | A new value has been added to the ORN\_STANDARD\_MUNICIPALITY\_LIST lookup table: ‘Corporation of the Municipality of Mississippi Mills’ |
| **2009** | Conversion to Simple Data Class  Tables dropped with relevant Columns moved to ORN\_SEGMENT\_WITH\_ADDRESS:  - GEOG\_UNIT + GUT references  - ORN\_SEG\_ROUTE\_IDENT  - ORN\_SEGMENT\_WITH\_ADDRESS\_BT  - RN\_SEG\_ALT\_STREET\_NAME  New Fields added:  - ROUTE\_NUMBER\_1,2,3: Added to house the concatenated values formarly found in ROUTE\_NUMBER, ROUTE\_NUMBER\_SUFFIX from the ORN\_SEG\_ROUTE\_IDENT table. The ORN\_SEG\_ROUTE\_IDENT table has been deleted for this version  - ALTERNATE\_STREET\_NAME: Added to hold the alternate name that is attached to a road net element as defined by a Municipality, Provincial Ministry, or Federal Agency  - ROUTE\_NAME\_1, ROUTE\_NAME\_2, ROUTE\_NAME\_3, ROUTE\_NAME\_4  Added to house the values formarly found in ROUTE\_NAME\_ENG, ROUTE\_NAME\_FRE from the ORN\_SEG\_ROUTE\_IDENT table. The ORN\_SEG\_ROUTE\_IDENT table has been delete for this version  - R\_STANDARD\_MUNICIPALITY added to hold a standardized municipal name that is attached to a road segment as defined by a Municipality, Provincial Ministry, or Federal Agency  - L\_STANDARD\_MUNICIPALITY added to hold a standardized municipal name that is attached to a road segment as defined by a Municipality, Provincial Ministry, or Federal Agency  Fields Altered:  - STREET\_TYPE\_PREFIX field modified to hold 25 characters  - L\_MUNICIPAL\_NAME field renamed to L\_ORIGINAL\_MUNICIPALITY  - STREET\_TYPE\_SUFFIX field modified to hold 25 characters  - FULL\_STREET\_NAME\_UPPER renamed to OFFICIAL\_STREET\_NAME  - R\_MUNICIPALITY\_NAME field modified to hold 100 characters  - ROAD\_CLASS field modified to hold 25 characters.  - R\_MUNICIPAL\_NAME renamed to R\_ORIGINAL\_MUNICIPALITY  - ABBR\_STREET\_NAME\_UPPER field renamed to ABBREVIATED\_STREET\_NAME  - L\_MUNICIPALITY\_NAME field modified to hold 100 characters  Fields dropped:  - EXT\_EFFECTIVE\_DATETIME  - DATA\_SENSITIVITY\_IND (no sensitive features in dataset)  - R\_REFERNCE\_SYSTEM\_IND |
| **2008** | Data Class and GUT descriptions updated. |
| **2008** | GUT Description change:  Received new description from BDI |
| **2005** | NEW Data Class |

**Data Description**  
Please refer to the metadata record for the data description.