

Land Information Ontario Data Description

ORWN Marker Post

Disclaimer

This technical documentation has been prepared by the Ministry of Natural Resources (the “Ministry”), representing Her Majesty the Queen in right of Ontario. Although every effort has been made to verify the information, this document is presented as is, and the Ministry makes no guarantees, representations or warranties with respect to the information contained within this document, either express or implied, arising by law or otherwise, including but not limited to, effectiveness, completeness, accuracy, or fitness for purpose. The Ministry is not liable or responsible for any loss or harm of any kind arising from use of this information.

Some of the information in this document is nonconvertible or has not yet been made accessible and may not be compatible with assistive technologies. If you need any of the information in an alternate format, please contact LIO Support at lio@ontario.ca or (705) 755-1878.

LIO Class Description

ORWN Marker Post

Class Short Name: ORWNMKPO

Version Number: 3

Class Description:

Sign indicating the distance along the network. For example, signs are often posted at intervals along a railway Subdivision indicating the distance from its point of origin in miles or kilometres. This layer is part of the Ontario Railway Network (ORWN) suite of Data Classes that have been adapted from Natural Resources Canada GEOBASE National Railway Network (NRWN) standards. Please refer to the ORWN Data Guide for additional information about the use and context of information stored in this layer.

Abstract Class Name: SPSPNT

Abstract Class Description:

Spatial Single-Point: An object is represented by ONE and ONLY ONE point. Examples: A cabin, bird nest, tower.

Tables in LIO Class:

ORWN Marker Post

ORWN_MARKER_POST_FT

Sign indicating the distance along the network. For example, signs are often posted at intervals along a railway Subdivision indicating the distance from its point of origin in miles or kilometres. --- This layer is part of the Ontario Railway Network (ORWN) suite of Data Classes that have been adapted from Natural Resources Canada GEOBASE National Railway Network (NRWN) standards. --- Please refer to the ORWN User-Guide for additional information about the use and context of information stored in this layer.

Column Name	Column Type	Mandatory	Short Name	Valid Values
-------------	-------------	-----------	------------	--------------

OGF_ID	NUMBER(13,0)	Yes	OGF_ID	
---------------	--------------	-----	--------	--

System-generated object identifier, unique at the application level.

NID	VARCHAR2(32)	Yes	NID	
------------	--------------	-----	-----	--

National Identifier (NID) assigned to every Marker Post feature in the National Railway Network (NRWN) geodatabase.

TRACKNID	VARCHAR2(32)	Yes	TRACKNID	
-----------------	--------------	-----	----------	--

The track that this marker post is associated to. --- National Identifier (NID) assigned to every Track feature in the National Railway Network (NRWN) geodatabase. --- Each Track feature is defined by a junction at both ends and is made up of one or more uniquely identified Track segments (See Track Segment ID description).

TRACKNAME	VARCHAR2(100)	Yes	TRACKNAME	
------------------	---------------	-----	-----------	--

The track that this marker post is associated to. --- Name associated to the track by a national or sub national agency. --- Note: A value of "None" will be stored in this field when information is either not applicable or not available.

TRACKCLASS	VARCHAR2(20)	Yes	TRACKCLASS	
-------------------	--------------	-----	------------	--

The track that this marker post is associated to. --- Functional classification based on the importance of the role that the track performs in the connectivity of the rail network. --- The ORWN User-Guide provides the context of permissible values used in this field.

SUBDI1NID	VARCHAR2(32)	Yes	SUBDI1NID	
------------------	--------------	-----	-----------	--

Subdivision reference 1: National Identifier (NID) assigned to the subdivision. --- A subdivision is an administrative unit of a national or regional network of tracks used to transport freight and/or passengers. A Subdivision is identified by a name or a number, and/or a colour and is delimited by a junction point at each extremity. --- Note: A value of "None" will be stored in this field when information is either not applicable or not available.

SUBDI1NAME	VARCHAR2(100)	Yes	SUBDI1NAME	
-------------------	---------------	-----	------------	--

Subdivision reference 1: Name, number or colour associated to the subdivision. --- Note: A value of "None" will be stored in this field when information is either not applicable or not available.

SUBD1DIST	NUMBER(5,2)	Yes	SUBD1DIST	
------------------	-------------	-----	-----------	--

Subdivision reference 1: Distance at which the marker post is positioned along the subdivision. The unit of measurement is identified in the associated Unit of Distance field. --- Note: A value of -1 will be

stored in this field if distance information is not available or applicable.

SUB1UNITDI	VARCHAR2(9)	Yes	SUB1UNITDI
Subdivision reference 1: The unit of distance used by a railway company for associated subdivision distance values expressed as either Mile, Kilometre or Unknown.			
SUB1DISTY	VARCHAR2(15)	No	SUB1DISTY
Subdivision reference 1: A qualifier about the value stored in the Subdivision 1 Distance field. It describes the type of distance associated to a track feature. --- The ORWN User-Guide provides the context of permissible values used in this field.			
SUBDI2NID	VARCHAR2(32)	No	SUBDI2NID
Subdivision reference 2: See description for Subdivision 1 NID.			
SUBDI2NAME	VARCHAR2(100)	No	SUBDI2NAME
Subdivision reference 2: See description for Subdivision 1 Name.			
SUBD2DIST	NUMBER(5,2)	No	SUBD2DIST
Subdivision reference 2: See description for Subdivision 1 Distance.			
SUB2UNITDI	VARCHAR2(9)	No	SUB2UNITDI
Subdivision reference 2: See description for Subdivision 1 Unit of Distance.			
SUB2DISTY	VARCHAR2(15)	No	SUB2DISTY
Subdivision reference 2: See description for Subdivision 1 Distance Type.			
ADMINAREA	VARCHAR2(7)	Yes	ADMINAREA
The Administrative Area covered by this dataset. Limited to the extents of the Province of Ontario for the Ontario Railway Network (ORWN) data.			
SPECVERS	VARCHAR2(5)	Yes	SPECVERS
Version number of the GEOBASE standards used to create this dataset.			
SECURCLASS	VARCHAR2(12)	Yes	SECURCLASS
The security classification of the dataset as determined by Natural Resources Canada for the National Railway Network (NRWN) information. --- Data for the NRWN derived Ontario Railway Network (ORWN) are deemed to be "Unclassified".			
GEOCREDATE	VARCHAR2(8)	Yes	GEOCREDATE
The character date that the spatial data was created (Format: YYYYMMDD). --- Note: If the month or day is not known, the corresponding characters are left blank.			
GEOREVDATE	VARCHAR2(8)	No	GEOREVDATE
The character date that the spatial data was revised (Format: YYYYMMDD). --- Note: If the month or day is not known, the corresponding characters are left blank.			
GEOACQTECH	VARCHAR2(25)	Yes	GEOACQTECH
The type of data source or technique used to populate (create or revise) the geometry (spatial) data. -- The ORWN User-Guide provides the context of permissible values used in this field.			
GEOACCURA	NUMBER(3,0)	Yes	GEOACCURA
The planimetric accuracy of the represented feature expressed in (whole) metres as a circular map			

accuracy standard (CMAS). --- The value in this field represents the accuracy difference between the mapped feature against its real-world location. For example, a value of 10 metres for a mapped feature suggests that a person should be able to find the represented real-world feature within 10 metres of its mapped coordinates.

GEOPROVIDE	VARCHAR2(25)	Yes	GEOPROVIDE
The affiliation of the organization that generated (created or revised) the geometry (spatial) data. --- The ORWN User-Guide provides the context of permissible values used in this field.			
ATTCREDATE	VARCHAR2(8)	Yes	ATTCREDATE
The character date that the attribute data was created (Format: YYYYMMDD). ----- Note: If the month or day is not known, the corresponding characters are left blank.			
ATTREVDATE	VARCHAR2(8)	No	ATTREVDATE
The character date that the attribute data was revised (Format: YYYYMMDD). ----- Note: If the month or day is not known, the corresponding characters are left blank.			
ATTACQTECH	VARCHAR2(25)	Yes	ATTACQTECH
The type of data source or technique used to populate (create or revise) the attribute data. --- The ORWN User-Guide provides the context of permissible values used in this field.			
ATTPROVIDE	VARCHAR2(25)	Yes	ATTPROVIDE
The affiliation of the organization that generated (created or revised) the attribute data. --- The ORWN User-Guide provides the context of permissible values used in this field.			
EFFECTIVE_DATETIME	DATE	Yes	EFF_DATE
Date/time the record was created or last modified in the source database.			
SHAPE	SDO_GEOMETRY	No	SHAPE
Geometry attribute.			