

Land Information Ontario Data Description

MNR Road Barrier

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LIO Class Description

MNR Road Barrier

Class Short Name: MNRRDBAR

Version Number: 5

Class Description:

A road barrier is a point feature related to the restriction or control of access to a road segment or road network.

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.

Metadata URL:

Tables in LIO Class:

MNR Road Barrier

MNR_ROAD_BARRIER_FT

A road barrier is a point feature related to the restriction or control of access to a road segment or road network.

Column Name	Column Type	Mandatory	Short Name	Valid Values
OGF_ID	NUMBER(13,0)	Yes	OGF_ID	
Ontario Geospatial Feature (OGF) Id. A unique numeric provincial identifier assigned to each object.				
BARRIER_IDENT	VARCHAR2(7)	No	BARRIER_ID	
A unique identifier assigned to each road barrier site. The format for how barrier identifiers are structured and derived may vary between MNRF business areas. Managing the sequential numbering for barriers will also fall under the responsibility of each respective business area. The format that will be used for the Road and Water Crossing Condition Inspection Procedure (2016) will be a 3 character MNRF District code prefix e.g. BAN (Bancroft District), then a dash (-), and a 3 digit number, uniquely assigned to each barrier in a District e.g. 003. Using the example above, the barrier identifier is "BAN-003".				
PRIORITY_ROAD_IND	VARCHAR2(3)	Yes	PRI_RD_IND	'Yes', 'No'
Yes/No indicator if the feature is located on a high priority road. DEFAULT: No				
BARRIER_YEAR	VARCHAR2(15)	No	BARR_YEAR	
The year that the road barrier was established. Values can be expressed as an actual year, a range of years, or an approximate year using the prefix "~", or before/after a specific year using the prefix ">" or "<". Barrier Year is used for audit and reporting purposes related to road use strategies.				
RESPONSIBILITY_CLASS	VARCHAR2(30)	Yes	RESP_CLASS	'Federal', 'FRL', 'LRB', 'MNRF', 'MOU', 'MTO', 'Municipal', 'Ontario Parks', 'Private', 'SFL'
The name of the entity that is responsible for the barrier.				
RESPONSIBILITY_DETAIL	VARCHAR2(80)	No	RESP_DET	
Name of the specific group or individual legally responsible for activities associated with the road barrier. May refer to the reference number of a shared use agreement involving a number of parties. NOTE: Responsibility Detail should be filled out when the Barrier Responsibility is not MNRF. Identify the reference to the legal agreement name and number and/or identify the name of the corporation (e.g.: Barrier = SFL, Responsibility Detail = Tembec). If the agreement is with a private individual, do not enter the name of the individual (or any personal contact information), only the agreement number, as this layer is non-sensitive and freely distributed.				
INSPECTOR_NAME	VARCHAR2(35)	Yes	INSP_NAME	
The first and last name of the primary person (MNRF staff) who last inspected this barrier.				
DATE_INSPECTED	DATE	Yes	DATE_INSP	

The date that this barrier was last inspected.

SIGN_IND	VARCHAR2(3)	Yes	SIGN_IND	'Yes', 'No'
Yes/No indicator if there is a sign present that is acting as a barrier e.g. "DO NOT ENTER!". DEFAULT: No				
BERM_IND	VARCHAR2(3)	Yes	BERM_IND	'Yes', 'No'
Yes/No indicator if there is a berm present that is acting as a barrier. DEFAULT: No				
DITCH_IND	VARCHAR2(3)	Yes	DITCH_IND	'Yes', 'No'
Yes/No indicator if there is a ditch present that is acting as a barrier. DEFAULT: No				
GATE_IND	VARCHAR2(3)	Yes	GATE_IND	'Yes', 'No'
Yes/No indicator if there is a gate present that is acting as a barrier. DEFAULT: No				
BOULDER_IND	VARCHAR2(3)	Yes	BOULDER	'Yes', 'No'
Yes/No indicator if there is a boulder present that is acting as a barrier. DEFAULT: No				
JERSEY_IND	VARCHAR2(3)	Yes	JERSEY_IND	'Yes', 'No'
Yes/No indicator if there is a jersey present that is acting as a barrier. DEFAULT: No				
SLASH_IND	VARCHAR2(3)	Yes	SLASH_IND	'Yes', 'No'
Yes/No indicator if there is slash present that is acting as a barrier. DEFAULT: No				
WATER_CROSSING_IND	VARCHAR2(3)	Yes	CROSSING	'Yes', 'No'
Yes/No indicator if a water crossing has been removed to act as a barrier. DEFAULT: No				
ROAD_SURF_TREAT_IND	VARCHAR2(3)	Yes	SURF_TREAT	'Yes', 'No'
Yes/No indicator if the road surface has been modified to prevent passage. DEFAULT: No				
BARRIER_OTHER_IND	VARCHAR2(3)	Yes	BARR_OTHER	'Yes', 'No'
Yes/No indicator if there a barrier of a type not described by any of the preceding barrier type fields. If yes, describe the barrier in the General Comments field. DEFAULT: No				
BARRIER_COMPLIANCE_IND	VARCHAR2(3)	Yes	COMPLIANCE	'Yes', 'No'
Yes/No indicator if the barrier is effective. DEFAULT: Yes				
NON_COMPLIANCE_TYPE	VARCHAR2(25)	No	NON_COMP_T	'Circumventing Barrier', 'Disobeying Sign', 'Tampering'
The actions users may be taking that are making the barrier ineffective.				
UNSAFE_IND	VARCHAR2(3)	Yes	UNSAFE_IND	'Yes', 'No'
Yes/No indicator if conditions are unsafe at the barrier location. If "Yes", user should identify the reason in the UNSAFE_CONCERN field. DEFAULT: No				
UNSAFE_CONCERN	VARCHAR2(25)	No	UNSAFE_CON	'Maintenance', 'Unauthorized Modification', 'Unsuitable', 'Visibility'

Conditional Mandatory Field if UNSAFE_IND = "Yes". Describes why this location is deemed to be unsafe.

MAINTENANCE_REQUIRED	VARCHAR2(10)	Yes	MAINT_REQ	'None', 'Repair', 'Replace', 'Remove'
Describes the type of barrier maintenance or modification required. DEFAULT: None				
MAINTENANCE_PRIORITY_RANKING	VARCHAR2(10)	No	PRIORITY	'High', 'Medium', 'Low'
Identifies the maintenance priority for the barrier.				
RECOMMENDED_WORK_TIMING	VARCHAR2(16)	No	REC_TIMING	'Less than 1 year', '1-5 years', '6-10 years'
Describes the estimated timespan for when the required maintenance should be undertaken.				
MAINTENANCE_DATE	DATE	No	MAINT_DATE	
The date the maintenance or repair to the barrier was undertaken.				
MAINTENANCE_COMMENT	VARCHAR2(300)	No	MAINT_COMM	
Short description of the type of maintenance that was completed, including how safety or environmental concerns were addressed.				
GENERAL_COMMENTS	VARCHAR2(600)	No	COMMENTS	
Additional details about the road barrier. Further information about the barrier can be documented here such as: date of installation, nature of repairs/maintenance required, details of unauthorized modifications (tampering), safety hazard concern and potential remedies, or keeper-of-the-keys for locked gate etc.				
PHOTO_LINK	VARCHAR2(254)	No	PHOTO_LINK	
The network (UNC) or web (URL) pathname to the digital photograph file of the road barrier.				
GEOMETRY_UPDATE_DATETIME	DATE	No	GEO_UPD_DT	
Date/time the geometry was created or last modified in the source database.				
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.				