CK-2578	Mt. Hope 0.5km	2021 Inspection

CBR iPad Offline Ver 0.34

CBR Data

Latitude	Longitude
°0'0"	°0'0"

Crossing Name	Unlnown
FSR #	Branch #
Road Name	Mt. Hope
User km	0.5
Previous Load Rating (tonnes)	Unknown
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	3500
Opening Width (mm)	3500
Inlet Cover (mm)	700
Outlet Cover (mm)	3500
Culvert Gradient %	16
Culvert Length (m)	30

Updated Data

Latitude	Longitude
49°21'40.65"	-121°21'29.67"

HD Diff. (m)	Accuracy (m)

BCL-625 or 64 tonnes

Inspection

Date of Inspection	2021-12-05 1:44:14 PM	Recommended Next Inspection Year	2024
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

This structure appears to have been installed for a number of years (not a new structure) so unsure why this has not been previously inspected. Look for professional documentation in files. Culvert is sufficient for highway legal loading.

P.Eng Comments

The Coast Engineering Group does not have any information on this structure. Limit loading to BCL-625 or 64 tonnes. Please send all professional documentation (record drawings, crossing assurance statements) to the Coast Engineering Group.

P.Eng Seal

Approach

Alignment	Good	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	N	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	NA
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	NA
Fender Condition		NA
Posted Load Rating		Not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
Pier	
Concrete	
Caps or Sills	
Piles or Posts	
Ballast Wall	
Wing Wall	
Bracing	
Hardware	
Fill	
Riprap	
Bearings	
Corrosion Protection	

Culvert

Baffles		
Bolted Connections	Good	
Coating	Good	
Coupled Connections		
Embedment Materials		
Fill	Good	
Floor	Good	
Footing		
Head Walls	Good	Concrete
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	7.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Right Bank when facing downstream

Downstream from Crossing

Upstream from Crossing

Approach from Left Bank when facing downstream

Outlet

Inlet

Looking through from inlet