CK-2470	HARRISON EAST 22.5km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°31'39.6"	-121°45'33.5"

Crossing Name	Unknown		
FSR #	5748	Branch #	1
Road Name	HARRISON EAST		
User km	22.5		
Current Load Rating (tonnes)	150		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1910		
Opening Width (mm)	3660		
Inlet Cover (mm)	1100		
Outlet Cover (mm)	1500		
Culvert Gradient %	2		
Culvert Length (m)	34.8		

Updated Data

Latitude	Longitude
49°31'38.57"	-121°45'33.55"

HD Diff. (m)	31.9	Accuracy (m)	10
	L165 or 150 tonnes		
	900		
	1200		

Inspection

Date of Inspection	2018-06-19 1:24:21 PM	Recommended Next Inspection Year	2021
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches. Ensure a minimum of 900mm gravel fill over top the culvert in order to keep the design load rating. Present load rating of L165 or 150 tonnes to continue.

P.Eng Seal

Approach

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

Abutment

Log/Timber Cribs	
Tie Backs	
Bin Wall	
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	Good
Fill	Good
Floor	
Footing	Good
Head Walls	Good
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)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Brush approaches
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2470 HARRISON EAST 22.5km 2018 Inspection

Approach from Right Bank when facing downstream

Downstream from Crossing

Upstream from Crossing

Approach from Left Bank when facing downstream

CK-2470 HARRISON EAST 22.5km 2018 Inspection

Downstream wall retaining fill

Inlet

Looking from the outlet