CK-2449	NORRISH CREEK 3.6km	2016 Inspection

CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°12'29.4"	-122°9'12.1"

Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	3.6
Current Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	1900
Inlet Cover (mm)	300
Outlet Cover (mm)	400
Culvert Gradient %	
Culvert Length (m)	10

Updated Data

Latitude	Longitude
49°12'29.75"	-122°9'12.51"

HD Diff. (m)	13.6	Accuracy (m)	10
	6		

Inspection

Date of Inspection	2016-08-11 10:55:45 AM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Add additional 200mm gravel fill over culvert and blend into existing grade. Monitor riprap scour noted. Present load rating of BCL-625 or 63 tonnes to continue.

21/02/2017

P.Eng Seal

Approach

Alignment	Fair	HC both approaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	N	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Unrated	NA
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	N/A
Bracing	
Hardware	
Fill	Fair
Riprap	Fair
Bearings	
Corrosion Protection	

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	
Footing	Unrated	buried
Head Walls	N/A	
Inlet	Fair	
Outlet	Fair	
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	minor install damage
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	
Cover Depth	Fair	300mm

Hazards

Estimated Present Water Level Depth (m)	0.1	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	Medium	Add additional 200mm gravel fill over culvert and blend into grade
2		
3		

Item	Monitor Description	Frequency
1	riprap scour	Annually
2		
3		

Sketch
(Select Signature)

CK-2449 NORRISH CREEK 3.6km 2016 Inspection

Approach from Left Bank when facing downstream

Approach from Left Bank when facing downstream

left bank cut slope

looking upstream from road

CK-2449 NORRISH CREEK 3.6km 2016 Inspection

looking downstream from road

Inlet

Approach from Right Bank when facing downstream

looking through culvert

riprap scour

Outlet