CK-2457	NORRISH CREEK 13.6km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°16'31.69"	-122°5'23.8"

Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	13.6
Current Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Open Bottom
Culvert Material	Corrugated Steel
Opening Height (mm)	1440
Opening Width (mm)	2740
Inlet Cover (mm)	600
Outlet Cover (mm)	700
Culvert Gradient %	
Culvert Length (m)	10

Updated Data

Latitude	Longitude
49°16'31.34"	-122°5'23.8"

HD Diff. (m)	11.1	Accuracy (m)	10
	500		

Inspection

Date of Inspection	2017-08-24 10:04:21 AM	Recommended Next Inspection Year	2018
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

Consider replacing structure with a large culvert or bridge

P.Eng Comments

Monitor aggradation following heavy rainfall or rain on snow events. Consider replacing with a larger culvert or bridge. Current load rating of BCL625 or 63 tonnes to continue.

P.Eng Seal

Approach

Alignment: Good

Bridge Ahead Signs Missing: ○ 0 ○ 1 ○ 2

Brushing Required: N

Delineator Missing Left: ○ 0 ○ 1 ○ 2

Delineator Missing Right: ○ 0 ○ 1 ○ 2

Fender Condition:

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	Fair	
Fill	Fair	
Floor		
Footing	Fair	Has been repaired since last inspection
Head Walls		
Inlet	Fair	Aggrading, approx 50% full
Outlet	Fair	
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	Minor damage noted
Sidewalls	Fair	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	X
Estimated Present Water Level Width (m)	1.5	Aggradation	X	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments: Stream aggrades consistently, consider replacing this structure

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1	Monitor aggradation	Anually
2		
3		

Sketch
(Select Signature)

CK-2457 NORRISH CREEK 13.6km 2017 Inspection

Approach from Left Bank when facing downstream

Looking downstream from road

Looking upstream from road

Approach from Right Bank when facing downstream

CK-2457 NORRISH CREEK 13.6km 2017 Inspection

Inlet

Outlet

Looking from outlet

Outlet

Consistent bearing on both footings, right bank shown