

CK-2450
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NORRISH 5.1km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°13'8.29"	-122°8'52.8"
Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	5.1
Previous Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2200
Opening Width (mm)	2200
Inlet Cover (mm)	300
Outlet Cover (mm)	400
Culvert Gradient %	5
Culvert Length (m)	9

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5479030.9
Accuracy (m)	

BCL-625 or 63 tonnes

Inspection

Date of Inspection 2020-05-27 9:03:27 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

No apparent changes in log retaining fill at fill slope

P.Eng Comments

Continue to monitor the log retaining fill at the outlet. Brush approaches and remove the vegetation from the inlet. The current load rating of BCL-625 or 63 tonnes to continue.



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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing

☒ 0 ☐ 1 ☐ 2

NA

Brushing Required Y

Brush approaches and through crossing location

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

NA

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

NA

Fender Condition Fair

Only on upstream end

Posted Load Rating

Not posted

Road Surface Good

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

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Culvert

Baffles

Bolted Connections

Coating Fair Minor corrosion on the floor

Coupled Connections

Embedment Materials

Fill Fair

Floor Fair small deformation at the outlet 2m length

Footing

Head Walls

Inlet Fair

Outlet Fair 1m drop at outlet

Overall Fair

Rip Rap Fair lock blocks used as riprap at inlet

Roof Fair

Sidewalls Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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	Repair Description
1 Medium	Brush vegetation from the inlet and inside of curve through crossing location

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	log retaining fill at the outlet	Annually

2

3



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Downstream right approach fill slope



Approach from Right Bank when facing downstream



Inlet



Looking through culvert from inlet



Outlet



Outlet



Log retaining fill



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