

CK-2451
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NORRISH 5.6km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°13'28.89"	-122°8'41.4"
Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	5.6
Previous Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	3000
Opening Width (mm)	3000
Inlet Cover (mm)	500
Outlet Cover (mm)	500
Culvert Gradient %	
Culvert Length (m)	11

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5479667.9
Accuracy (m)	

BCL-625 or 63 tonnes

Inspection

Date of Inspection 2020-05-27 9:19:38 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

Culvert shape does not appear to have changed since last inspection

P.Eng Comments

Remove the vegetation from the inlet and monitor the condition of the culvert. The current load rating of BCL-625 or 63 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair HC both apprpaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required Y Brush inlet

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 noted on the floor

Coupled Connections

Embedment Materials

Fill Fair Log over the inlet has sloughed and has caused deformation to the CSP

Floor Fair deformation noted along along outlet third of culvert but still functioning

Footing

Head Walls

Inlet Fair CSP has deformed at the roof, and site requires brushing

Outlet Fair

Overall Fair The culvert is deformed along the entire length of the culvert but is functioning well

Rip Rap Fair

Roof Fair deformation noted along sections

Sidewalls Fair deformation noted along sections

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)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Channel. Debris removal. # of sites/items. Priority:Medium	Brush inlet
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	culvert shape and condition	Every Routine Inspection
2		
3		



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Inlet



Damage at inlet



Culvert shape is not round



Material being transported into culvert



Culvert condition



Culvert appears to have settled at outlet



Outlet

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Culvert shape at outlet