

CK-2449

NORRISH 3.6km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°12'29.4"	-122°9'12.1"
Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	3.6
Previous 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°12'29.31"	-122°9'12.44"
HD Diff. (m)	7.4
Accuracy (m)	10

BCL-625 or 63 tonnes

Inspection

Date of Inspection 2019-08-13 2:13:36 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair the riprap at the downstream left bank. Remove the vegetation at the inlet and excavate a small sump. The current load rating of BCL-625 or 63 tonnes to continue.



2020-02-11

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2 NA

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☐ 2Delineator Missing
Right ☐ 0 ☐ 1 ☐ 2

Fender Condition

Not required

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 floor

Coupled Connections

Embedment Materials

Fill

Fair

Downstream left approach riprap has scoured putting the fill in this location at risk to eroding

Floor

Fair

Footing

Head Walls

Inlet

Fair

Lock blocks and riprap to retain fill, slight aggradation noted

Outlet

Fair

Minor deformation noted on the roof of culvert

Overall

Fair

Rip Rap

Fair

Riprap scoured at outlet, downstream left bank

Roof

Fair

Minor deformation at outlet

Sidewalls

Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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

Inlet aggrading

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Repair the riprap at the downstream left bank
2	Medium	Remove the vegetation at the inlet and excavate a small sump
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Inlet



Damage to outlet



Downstream left bank riprap scour



Outlet