

CK-2451

NORRISH CREEK 5.6km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°13'28.89"	-122°8'40.9"
Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	5.6
Current 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
49°13'28.78"	-122°8'41.42"
HD Diff. (m)	11.1
Accuracy (m)	5

Inspection

Date of Inspection 2017-08-24 9:01:15 AM

Recommended Next Inspection Year 2018

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Remove material from within culvert and consider digging a sump at inlet. Monitor both the material buildup and overall culvert shape as there is slight damage to inlet and floor. Current load rating of BCL 625 or 63 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required

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

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Culvert

Baffles

Bolted Connections

Coating

Fair

Coupled Connections

Embedment Materials

Fill

Fair

Floor

Fair

damage but functional

Footing

Head Walls

Inlet

Fair

Some damage but still functional

Outlet

Fair

Overall

Fair

Rip Rap

Fair

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 Material is being transported into the culvert and should be cleaned

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Remove material from within the culvert and consider digging a sump

2

3

Item	Monitor Description	Frequency
1	Material within culvert	Anually

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking downstream from road



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Inlet



Material being washed into the culvert



Roof damage



Outlet