

CK-2532

Nicklemine 7.2km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
°0'0"	°0'0"		
Crossing Name	Unknown		
FSR #	10488	Branch #	01
Road Name	Nicklemine		
User km	7.2		
Current Load Rating (tonnes)	L100		
Structure Class	Major Culvert		
Culvert Type	Round		
Culvert Material	Steel (non-corrugated)		
Opening Height (mm)			
Opening Width (mm)			
Inlet Cover (mm)			
Outlet Cover (mm)			
Culvert Gradient %			
Culvert Length (m)			

Updated Data

Latitude	Longitude		
49°30'2.16"	-121°28'50.98"		
HD Diff. (m)	9971475.6	Accuracy (m)	30
L100 or 91 tonnes			
1200			
1200			
300			
400			
2			

Inspection

Date of Inspection 2018-08-23 12:23:23 PM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

2 x 1200mm heavy gauge smooth wall steel pipes - modified ford

P.Eng Comments

Monitor bedload accumulations at the inlet and surfacing material following heavy rainfall or rain on snow events. The current load rating of L100 or 91 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

Heavy VC right approach limits visibility

Bridge Ahead Signs

Missing

☒ 0☐ 1☐ 2

NA

Brushing Required

N

Delineator Missing

Left

☒ 0☐ 1☐ 2

NA

Delineator Missing

Right

☒ 0☐ 1☐ 2

NA

Fender Condition

Only on outside road edge to help retain the surfacing material

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

Coupled Connections

Embedment Materials

Fill	Good
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Floor	Good
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Footing

Head Walls

Inlet	Fair	1 culvert 50% plugged
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Outlet	Good
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Overall	Fair
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Rip Rap	Fair
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Roof	Good
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Sidewalls	Good
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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)	1.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments Site is a modified ford designed to overtop road

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
1	Bedload at inlet and surfacing material	Annually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Running width



Downstream from Crossing



Approach from Right Bank when facing downstream



Right culvert 50% plugged



Inlet



Outlet