

SC-8502

MISERY CREEK 5.4km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°43'6.99"	-123°36'9.1"
Crossing Name	Not known
FSR #	7895
Branch #	1
Road Name	MISERY CREEK
User km	5.4
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	600
Outlet Cover (mm)	800
Culvert Gradient %	
Culvert Length (m)	14

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5534650.5
Accuracy (m)	

Inspection

Date of Inspection 2020-10-21 10:15:25 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

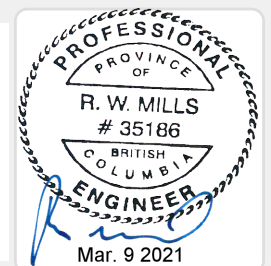
Inspection Company

Inspector Comments

Approx 50m of road washed out due to channel jumping bank and running down road. Will require repair prior to vehicle use.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 25, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2023
Comments: Repair left approach prior to industrial use.



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated N/a

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Good

Riprap Good

Bearings

Corrosion Protection

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**Culvert**

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Good	
Embedment Materials	Fair	
Fill	Good	
Floor	Fair	Approx 1m fill
Footing	Good	
Head Walls	N/A	
Inlet	Fair	Pipe damaged. No change from last inspection
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Fair	Minor denting
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)

Rot Depth
(mm)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Repair road approach down chain from crossing. Approx 50m section.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Inlet



Outlet



Outlet



Inlet



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Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



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