

SC-8075

MISERY CREEK 6.3km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°43'34.39"	-123°36'32.1"		
Crossing Name	Not Known		
FSR #	7895	Branch #	1
Road Name	MISERY CREEK		
User km	6.3		
Previous Load Rating (tonnes)	136		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	17.6		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5535497.7	Accuracy (m)

Inspection

Date of Inspection 2020-10-21 9:59:11 AM

Inspector Name Richard Mills

Recommended Next Inspection Year

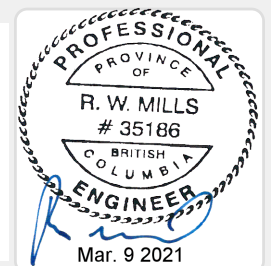
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Rust scale on girders. Does not appear to have changed much from last inspection. Mainly confined to upper flange, near deck joints. Monitor. Road becoming grown in.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 26, 2021
 Load Rating: L150 or 136 tonnes
 Next Inspection: 2023
 Comments: Remove gravel from deck.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Unrated Unable to see

Deck Joints Poor Water running onto girders from deck joints.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm) 20

Pier Deck

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**Steel/Concrete**

Girders Fair Rust scale

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**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)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	4.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Remove gravel from deck
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2		
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3		
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Item	Monitor Description	Frequency
1	Monitor rust scale	Routine Inspection

2		
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3		
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Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Structure ID



Deck



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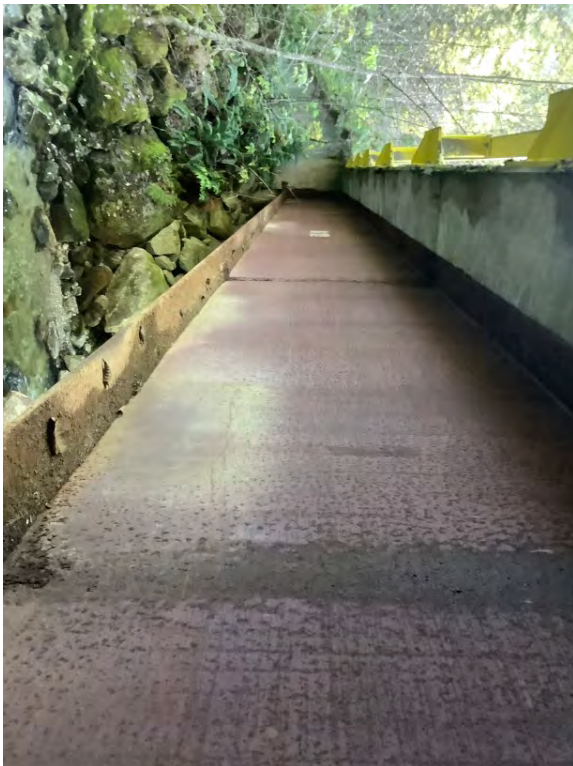
Left Bank Abutment when facing downstream



Downstream Profile



Upstream Profile



Rust scale - top flange DS side



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