

QC-7833

QC_MOS1000 3.7km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°4'4.28"	-132°11'6.32"		
Crossing Name	Jovo Creek		
FSR #	10247	Branch #	01
Road Name	QC_MOS1000		
User km	3.7		
Previous Load Rating (tonnes)	5		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	11		
Deck Width (m)	4.5		

Updated Data

Latitude	Longitude		
53°4'4.79"	-132°11'7.18"		
HD Diff. (m)	22.3	Accuracy (m)	5
10			
5			

Inspection

Date of Inspection 2019-09-13 11:26:41 AM

Recommended Next Inspection Year 2021

Inspector Name Lindsey McGill

Inspection Company Chartwell Consultants Ltd.

Inspector Comments Serial/ID Plate N/A

Gut lash around brow logs, detailed lash at mid span around all stringers. Lashing beginning to loosen. Total length of 10m equals c/c. Span.

P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 13, 2020
 Load Rating: 5 Tonnes GVW
 Next Inspection: September 1, 2022
 Comments: Bridge should be rebuilt



P.Eng Seal

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Approach

Alignment Fair

Vertical alignment not great

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

Mnor

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

Fender Condition Good

Posted Load Rating

Sign up, no load posted

Road Surface Good

Abutment

Log/Timber Cribs Fair

Single sills are at risk of scour

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Poor

Actively being scoured.

Bearings Fair

No issues yet.

Corrosion Protection N/A

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface Good

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm) 500

Pier Deck

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Steel/Concrete

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs Good

Needle Beam N/A

Detailed lash at mid span, around every stringer.

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	Y	730	15	Fair	
2	Cw	Y	785	15	Fair	
3	Cw	Y	850	20	Fair	
4	Cw	Y	840	25	Fair	
5	Cw	Y	650	20	Fair	
6	Cw	Y	880	20	Fair	
7	Cw	N	700	15	Fair	
8	Cw	Y	780	25	Fair	Old log, dead prior to installation.

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Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.6	Ice	☐		

Comments Scour threatening sill logs, channel is bedrock controlled.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Post signage and missing delineators.
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2		
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3		
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Item	Monitor Description	Frequency
1	Sill logs for continued scour	Routine Inspection

2		
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3		
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Sketch
(Select Signature)



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing

Downstream Profile



Scour



Detailed lash



Upstream Profile



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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream

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