

QC-7022

QC_MAI1000 4km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
53°47'20.79"	-132°21'58.1"		
Crossing Name	Unknown		
FSR #	10175	Branch #	4
Road Name	QC_MAI1000		
User km	4		
Current Load Rating (tonnes)	68		
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)	6.3		
Deck Width (m)	4.6		

Updated Data

Latitude	Longitude		
53°47'20.96"	-132°21'58.67"		
HD Diff. (m)	11.5	Accuracy (m)	5

Inspection

Date of Inspection 2016-09-03 10:34:35 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

Relatively new bridge generally in good condition with typical maintenance required. Error in App, subtract one for actual stringer number.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, January 5, 2017

Load Rating: 68 Tonnes GVW

Next Inspection: September 1, 2018

Comments:

 A rectangular box intended for a Professional Engineer's seal, currently empty.

P.Eng Seal

Approach

Alignment Good

 Bridge Ahead Signs
Missing 0 1 2

Brushing Required N

 Delineator Missing
Left 0 1 2

 Delineator Missing
Right 0 1 2

Fender Condition Poor No fenders in place. Small drop to creek.

Posted Load Rating 68

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good Sill logs at both abutments. No signs of crushing or distress noted.

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware Fair Deck hardware: curb logs pinned to stringers.

Fill Fair

Riprap Fair Limited material in place along base of sill logs.

Bearings N/A

Corrosion Protection N/A

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Deck

Running Surface	Fair	
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	Fair	
Curb Rail/Blocks/Posts	N/A	
Hand Rails/Walkouts	N/A	
Hardware	N/A	Abutment hardware: no lashing.
Overall Deck Condition	Fair	Based on deterioration and height of curb logs.
Gravel Depth (mm)	300	

Steel/Concrete

Serial/ID Plate

Girders N/A

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Superstructure hardware: not lashed.

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

Log Curbs Fair

Curbs are old twisted/deteriorated logs with limited height at points along the upstream log.

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
2	Cw	N	540	0	Good	Relatively new.
3	Cw	N	560	0	Good	Relatively new.
4	Cw	N	560	25	Fair	Sap rot. Relatively new.
5	Cw	N	550	0	Good	Relatively new.
6	Cw	N	470	0	Good	Relatively new.
7	Cw	N	460	0	Good	Relatively new.
8	Cw	N	630	0	Good	Relatively new.
9	Cw	N	520	0	Good	Relatively new.
10	Cw	N	540	10	Good	Sap rot. Relatively new.
11	Cw	N	460	10	Good	Sap rot. Relatively new.
12	Cw	N	600	0	Good	Relatively new.

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	<input type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	1.0	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	1.0	Ice	<input type="checkbox"/>		

Comments Small slow moving creek. Stumps and some debris under bridge.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Install bridge ahead signs. Install load posting signs on posts. Consider installing fenders at approaches.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)