QC-7833	QC_MOS1000 3.7km	2017 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
53°4'4.28"	-132°11'6.32"

Crossing Name	Jovo Creek
FSR #	10247
Branch #	1
Road Name	QC_MOS1000
User km	3.7
Current 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°4'4.53"	-132°11'6.38"

HD Diff. (m)	7.7	Accuracy (m)	5

Portable	N
Superstructure	Log Stringer
Total Length (m)	10.2
Deck Width (m)	5

Inspection

Date of Inspection	2017-09-12 12:34:22 PM	Recommended Next Inspection Year	2018
Inspector Name	Mitch Lowe	Inspection Company	Onsite Engineering Ltd

Inspector Comments

Unsure of why the load rating for this structure is reduced. Likely due to the abutment condition. Superstructure is in excellent shape and this structure could easily be upgraded to support haul trucks. Structure is well lashed.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017
Load Rating: 5 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Replace stringer #7 to increase load rating

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

November 8 2017

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	Good	
Posted Load Rating	0	Load limit sign but no limit is written on the sign.
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Concrete		
Caps or Sills	Good	
Piles or Posts		
Ballast Wall	Good	
Wing Wall		
Bracing		
Hardware	Good	
Fill		
Riprap	Poor	Riprap on river left bank has completely eroded, leaving fill exposed and over steepened. High risk for erosion.
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	Good
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	Good
Gravel Depth (mm)	0.4

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs Good

Needle Beam

Needle Lashing/ Shimming

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	Y	75	1		
2	Cw	Y	78	1		
3	Cw	Y	81	1		
4	Cw	Y	84	1		
5	Cw	Y	66	1		
6	Cw	Y	89	1		
7	Cw	Y	71	1		
8	Cw	Y	85	1		

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	X	Debris	
Estimated Present Water Level Width (m)	3	Aggradation		Scour	X
Estimated High Water Level Clearance (m)	1.5	Ice			

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Replace 1 left hand and 1 right hand delineator.
2		
3		

Item	Monitor Description	Frequency
1	Monitor riprap on river left abutment.	Routine Inspection
2		
3		

Sketch
(Select Signature)