QC-7851	SECTION 3 1.77km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°50'7.69"	-132°16'36.4"

Crossing Name	Unknown
FSR #	8361
Branch #	03
Road Name	SECTION 3
User km	1.77
Current Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	8.2
Deck Width (m)	5.3

Updated Data

Latitude	Longitude
53°50'7.83"	-132°16'35.67"

HD Diff. (m)	13.9	Accuracy (m)	5

Inspection

Date of Inspection 2018-09-20 12:33 PM

Recommended Next Inspection Year 2020

Inspector Name Robert Kemmler

Inspection Company Onsite Engineering

Inspector Comments

Serial/ID Plate

Log structure is in good condition. Guards lashed into structure at ends.
No sign of conks or other fruiting bodies.

Requires bridge ahead signs.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 150 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Add bridge ahead signs

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

February 6 2019

P.Eng Seal

QC-7851	SECTION 3 1.77km	2018 Inspection

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Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 • 2	
Brushing Required	N	
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Fair	Right side approach downstream has been knocked off.
Posted Load Rating	0	Not posted
Road Surface	Good	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	Large Cw sills, left side on rock fill, right side bears on organic material.
Piles or Posts	N/A	
Ballast Wall	N/A	
Wing Wall	N/A	
Bracing	N/A	
Hardware	N/A	
Fill	Good	
Riprap	Poor	No riprap
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	N/A
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	
Hand Rails/Walkouts	N/A
Hardware	Good
Overall Deck Condition	Good
Gravel Depth (mm)	400

Steel/Concrete

Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	

Log

Log Curbs	Fair	No curb logs, large guard logs act as curbs.
Needle Beam	N/A	
Needle Lashing/ Shimming		

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	Debris
Estimated Present Water Level Width (m)	1.0	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.0	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Install bridge ahead signs on both approaches.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)