QC-7111	BIL1200 0.39km	2018 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
53°48'25.59"	-132°23'3.5"

Crossing Name	Unknown		
FSR #	10175	Branch #	03
Road Name	BIL1200		
User km	0.39		
Current Load Rating (tonnes)	36		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Timber - untreated stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	6		
Deck Width (m)	5		

Updated Data

Latitude	Longitude
53°48'25.38"	-132°23'3.67"

HD Diff. (m)	7.5	Accuracy (m)	5

Inspection

Date of Inspection 2018-09-19 1:43:27 PM

Recommended Next Inspection Year 2020

Inspector Name Robert Kemmler

Inspection Company Onsite Engineering

Serial/ID Plate

Inspector Comments

Cw Log bridge is in fair condition. Low soffit and high water prevented a detailed inspection of the stringers.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 36 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Stringers are undersized for span. Replace stringers with MINIMUM 470mm diameter to gain L-60 load rating with 350mm gravel depth.
Post Loat rating signs

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

February 6 2019

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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	Poor		None
Posted Load Rating	0		Not posted
Road Surface	Fair		

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Good	Large Cw sills 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	N/A	
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	Fair	
Curb Rail/Blocks/Posts	Poor	None
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to the lack of curbs.
Gravel Depth (mm)	300	

Steel/Concrete

Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	

Log

Log Curbs	Poor	No curb logs
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)	0.4	High Water	Debris
Estimated Present Water Level Width (m)	1.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.0	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Add curb logs
2	Medium	Install bridge ahead signs and delineators on both approaches.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)