QC-7145	IAN 5600 7.3km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°51'16.7"	-132°26'40.7"

Crossing Name	Unknown
FSR #	10824
Branch #	12
Road Name	IAN 5600
User km	7.3
Current Load Rating (tonnes)	136
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)	7
Deck Width (m)	5.3

Updated Data

Latitude	Longitude
53°51'16.66"	-132°26'40.76"

HD Diff. (m)	1.5	Accuracy (m)	5

Inspection

Date of Inspection: 2018-09-19 11:54:42 AM

Recommended Next Inspection Year: 2020

Inspector Name: Robert Kemmler

Inspection Company: Onsite Engineering

Inspector Comments

Serial/ID Plate

Cw Log Bridge in fair condition. Inspector could not see any sign of a second row of stringers, appears to be fill retention logs. 2+m of fill.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 136 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Install curb logs to meet WCB regulations. Install bridge ahead signs and delineators on both approaches.

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

February 6 2019

P.Eng Seal

Approach

Alignment	Fair	Deep vertical curve
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	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	
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	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	Good	
Curb Rail/Blocks/Posts	Poor	No curb logs
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to lack of curb logs
Gravel Depth (mm)	2500	

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs Poor None

Needle Beam N/A

Needle Lashing/ Shimming

Needle Beam to Crib (m) | Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	590	10	Fair	
2	Cw	N	1020	10	Good	Half round
3	Cw	N	650	10	Good	
4	Cw	N	700	20	Fair	
5	Cw	N	580	30	Fair	
6	Cw	N	760	15	Fair	
7	Cw	N	540	20	Fair	
8	Cw	N	590	20	Fair	
9	Cw	N	680	10	Fair	
10	Cw	N	680	15	Fair	
11	Cw	N	610	10	Fair	
12	Cw	N	600	5	Good	
13	Cw	N	580	15	Fair	
14	Cw	N	480	10	Fair	
15	Cw	N	670	10	Fair	
16	Cw	N	490	10	Fair	

Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	Debris
Estimated Present Water Level Width (m)	1.0	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.5	Ice	

Comments

Repairs and Monitoring

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

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)