QC-7127	EY6 0.7km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°36'48.3"	-132°10'19.2"

Crossing Name	Unknown		
FSR #	10845	Branch #	04
Road Name	EY6		
User km	0.7		
Current Load Rating (tonnes)	91		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Other		
Abutment Left	Pile - Temporary Materials		
Abutment Right	Pile - Temporary Materials		
Spans	1		
Total Length (m)	14.8		
Deck Width (m)	5.5		

Updated Data

Latitude	Longitude
53°36'47.96"	-132°10'19.33"

HD Diff. (m)	10.7	Accuracy (m)	5

Inspection

Date of Inspection 2018-09-17 4:09:39 PM

Recommended Next Inspection Year 2020

Inspector Name Robert Kemmler

Inspection Company Onsite Engineering

Serial/ID Plate

Inspector Comments

Cw Log Bridge with cross puncheon. Cross puncheon extends approximately 1m beyond stringers both sides.
Some maintenance issues around signage, brushing and fill depths over deck but other wise no concerns.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018
Load Rating: 91 Tonnes GVW
Next Inspection: September 1, 2020
Comments: Clean growth off deck, along side fill retention logs, add 200-300mm of gravel fill. Brush approaches and install bridge ahead signs.

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

February 6 2019

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	None posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	Cw cribs Built on top of Cw piles. Bottom of cribs consist of two Cw logs through bolted together.
Tie Backs	Fair	
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	Fair	Cw piles drives at random, ie: not in line.
Ballast Wall	N/A	
Wing Wall	Fair	
Bracing	Fair	
Hardware	Fair	Through bolts with end plates.
Fill	Fair	
Riprap	N/A	
Bearings	Fair	
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	Two pot holes at midspan reduce fill to 100mm
Curb Rail/Blocks/Posts	Fair	Brush growing up along side of curbs making them invisible
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)	250	Minimum 300mm required with cross puncheon

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs: Fair

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)	0.5	High Water	Debris
Estimated Present Water Level Width (m)	2.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	2.5	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Clean growth off deck, along side fill retention logs, add 200-300mm of gravel fill.
2	Medium	Brush approaches and install bridge ahead signs
3		

Item	Monitor Description	Frequency
1	Monitor "goofy" abutments for settling and or forward rotation.	Routine Inspection
2		
3		

Sketch
(Select Signature)