QC-7129	EY10 5.2km	2018 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
53°35'58.99"	-132°9'12.2"

Crossing Name	Unknown		
FSR #	10845	Branch #	186
Road Name	EY10		
User km	5.2		
Current Load Rating (tonnes)	91		
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)	9		
Deck Width (m)	4.8		

Updated Data

Latitude	Longitude
53°35'59.46"	-132°9'11.62"

HD Diff. (m)	17.7	Accuracy (m)	5

Inspection

Date of Inspection: 2018-09-17 2:39:38 PM

Recommended Next Inspection Year: 2020

Inspector Name: Robert Kemmler

Inspection Company: Onsite Engineering

Inspector Comments — Serial/ID Plate

Cw Log Bridge with cross puncheon is in fair condition.

All stringer diameters were taken inside bark at midspan. Coring was done at right abutment.

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: Install bridge ahead signs, delineators and approach logs at both ends.

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

February 6 2019

P.Eng Seal

QC-7129	EY10 5.2km	2018 Inspection

CBR iPad Offline Ver

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	Fair	Two high Cw cribs on mudsills. Right side poorly constructed.
Tie Backs	Fair	
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	Fair	
Fill	Good	
Riprap	N/A	
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	Fair	
Curb Rail/Blocks/Posts	Fair	Fill retaining logs on top of cross puncheon.
Hand Rails/Walkouts	N/A	
Hardware	Fair	Lashing is tight
Overall Deck Condition	Good	
Gravel Depth (mm)	300	

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs: Good — Cross puncheon with fill retaining logs lashed through puncheon.

Needle Beam: N/A

Needle Lashing/ Shimming: N/A

Stringer Number	Needle Beam to Crib (m) Species	Peeled	Needle Diameter (mm) Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	580	15	Fair	100mm heart rot found
2	Cw	N	660	20	Fair	50mm heart rot found
3	Cw	N	690	15	Good	Cores as good
4	Cw	N	590	10	Good	Cores as good
5	Cw	N	560	10	Good	Cores as good
6	Cw	N	730	10	Fair	Soft at the core for approximately 150mm
7	Cw	N	680	20	Good	Cores as good
8	Cw	N	730	20	Good	Cores as good

Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	Debris
Estimated Present Water Level Width (m)	1.5	Aggradation	Scour
Estimated High Water Level Clearance (m)	1.5	Ice	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Install bridge ahead signs, delineators and approach logs at both ends.
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)