CK-2315	BERKEY 5700 0.3km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°19'33.7"	-121°20'56"

Crossing Name	Berkey Creek
FSR #	8113
Branch #	4
Road Name	BERKEY 1900
User km	4.2
Current Load Rating (tonnes)	0
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	8.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°19'33.67"	-121°20'55.98"

HD Diff. (m)	1.1	Accuracy (m)	5

Berkey 5700

0.3km

0 tonnes

Inspection

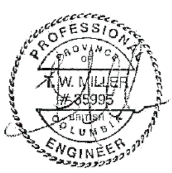
Date of Inspection	2018-05-31 9:04:05 AM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

No vehicle access to site due to brush

P.Eng Comments

Bridge condemned, 0 tonnes load rating. Replace the entire structure prior to activity. Due to the poor condition of the bridge components monitor for failure until removed.



18/12/2018

P.Eng Seal

Approach

Alignment	Good	
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		Not posted
Road Surface	Poor	Grown over with Alder

Abutment

Log/Timber Cribs	Fair	Fair to poor, Cw and Fd
Tie Backs	Poor	Rotten
Bin Wall		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill	Fair	
Riprap	Poor	None in front of crib
Bearings	Poor	Components rotting
Corrosion Protection		

Deck

Running Surface	Poor	Grown over with Alder
Running Planks	Poor	Rotten
Sub Deck		
Ties	Poor	Rotten
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Rotten
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Poor	Rotten
Gravel Depth (mm)		

Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/ Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

All stringers visually rotten

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	4.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	2.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Replace bridge with activity
2		
3		

Item	Monitor Description	Frequency
1	Monitor for failure as components extremely rotten	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2315 BERKEY 5700 0.3km 2018 Inspection

Approach from Right Bank when facing downstream

Upstream from Crossing

Deck

Downstream from Crossing

CK-2315 BERKEY 5700 0.3km 2018 Inspection

Approach from Left Bank when facing downstream

Stringers

Left Bank Abutment when facing downstream

Stringers

Water gauge under bridge and attached to left abutment

Tieback condition

Right Bank Abutment when facing downstream