CK-2149	WALIAN CREEK 7.2km	2016 Inspection

CBR iPad Offline Ver 0.23

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°27'11.99"	-121°54'39.4"

Crossing Name	Walian Creek
FSR #	6314 Branch # 8
Road Name	WALIAN CREEK
User km	7.2
Current Load Rating (tonnes)	0
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)	10
Deck Width (m)	2

Updated Data

Latitude	Longitude
49°27'11.07"	-121°54'39.06"

HD Diff. (m) 29.5 Accuracy (m) 5

	0 tonnes
	Y
	Timber - untreated stringers
	Timber – Treated
	Concrete Lock Blocks
	Concrete Lock Blocks
	1
	15.1
	1.65

Inspection

Date of Inspection 2016-07-22 1:38:10 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

stringers have numerous small conks and will not last long
bearing on right bank is partially on blocks -10.6m span, otherwise 14.5m span

P.Eng Comments

Bridge condemned, 0 tonnes load rating. Remove structure and block access ASAP.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

P.Eng Seal

Aug 4/2016

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Fair	
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Fair	lock blocks
Caps or Sills	Fair	treated 100mm x 150mm
Piles or Posts	N/A	
Ballast Wall	N/A	
Wing Wall	N/A	
Bracing	N/A	
Hardware	Fair	
Fill	Fair	
Riprap	Fair	
Bearings	Fair	
Corrosion Protection	N/A	

Deck

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	Fair	100mm x 150mm at 190mm centers - treated
Nails	Fair	
Deck to Girder Bolts	Fair	every tie is nailed to log stringer
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	100mm x150mm stacked 2 high - treated
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

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
1	Fd	Y	520	20	Fair	small conk starting to show
2	Fd	Y	520	50	Fair	lots of small conks present with localized rot

Hazards

Estimated Present Water Level Depth (m)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	4.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Remove structure and block access to site
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Approach from Right Bank when facing downstream

ATV bridge

Approach from Right Bank when facing downstream

guardrail

Approach from Left Bank when facing downstream

Stringers

Right Bank Abutment when facing downstream

left bank sill

partial bearing on right bank