CK-2120 CK-2120A	BEAR 7km	2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°27'20.7"	-121°42'17.1"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Not Known
FSR #	5748
Branch #	3
Road Name	BEAR
User km	7
Previous Load Rating (tonnes)	64
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Sill -Temporary Materials
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	10
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°27'21.09"	-121°42'17.14"

HD Diff. (m)	11.9	Accuracy (m)	8

Portable	Y
Abutment Right	Sill -Temporary Materials

Inspection

Date of Inspection	2022-08-30 10:55:57 AM	Recommended Next Inspection	2024
Inspector Name	Cameron VandenBrink, EIT	Inspection Company	Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2023
Load rating: maintain 64 tonne rating for All Steel Portable
Comments: monitor log structure that is overspanned with All Steel Portable to ensure sills sitting on competent foundation.
Next inspection: 2024

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	HC, wide running surface and turn radius
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Fair	Guidelogs small diameter but functional
Posted Load Rating		Not posted
Road Surface	Fair	Woods approach has water bar 20m beyond.

Abutment

Log/Timber Cribs	Fair	Original sills and structure beneath and over spanned with all steel portable on single sill logs each end.
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall	Fair	Ballast logs
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Poor	Sills on stream edge beneath from original structure
Bearings	Good	Single sills show no signs of crushing
Corrosion Protection		

Deck

Running Surface		Woods approach has water bar 20m beyond.
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Fair	Some deformation at tracking locations. Sediment on deck
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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

Hazards

Estimated Present Water Level Depth (m)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	.5	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance	.5	Ic	☐		

Comments Gravelly deposit beneath structure.

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Area/sight line brushing. m². Priority:Low	
2	Structure. Add Load Rating Signs. # sites. Priority:Low	
3	Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install also install missing delineator
4		
5		
6		
7		

Item	Monitor Description	Frequency
1	Some gravelly debris accumulating beneath. Also monitor original sill logs for scour. Non currently noted but they sit on the wetted perimeter.	Routine Inspection
2		
3		

Approach from Right Bank when facing downstream

Downstream from Crossing

Upstream from Crossing

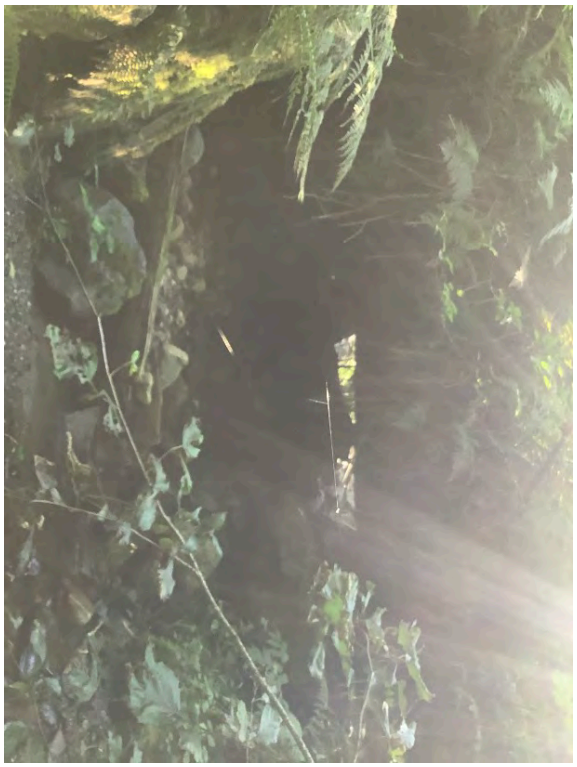
Approach from bridge deck of Right bank approach when facing downstream

Approach from bridge deck of Left bank approach when facing downstream

Approach from Left Bank when facing downstream

Deck

Upstream Profile

Upstream Profile

Downstream Profile