

CK-2121
CK-2121A

BEAR 7.4km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°27'10.8" Longitude -121°42'7.9"

Site Status Active

Insp. Status Inspect

Crossing Name Bear Creek

FSR # 5748 Branch # 3

Road Name BEAR

User km 7.4

Previous Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 21.4

Deck Width (m) 4.3

Updated Data

Latitude 49°27'11.04" Longitude -121°42'8.25"

HD Diff. (m) 10.4 Accuracy (m) 6

Inspection

Date of Inspection 2022-08-30 10:30:24 AM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

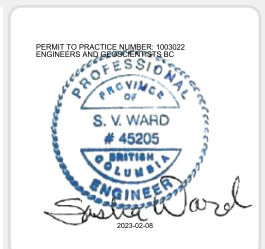
Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2023
Load rating: maintain 91 tonne rating

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC, junction at woods approach

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

Guidelogs

Posted Load Rating

Not posted

Road Surface Fair

Minor potholes at town approach

Abutment

Log/Timber Cribs Fair

Old cribs rotting but still retaining fill

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Single slabbed bearing logs set back from original log crib face

Piles or Posts

Ballast Wall Good

Ballast logs

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair

Large rock either placed or deposited in front of original cribs

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair Minor potholes at town approach

Running Planks N/A No running planks

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Poor Does not appear to be fastened to girder. 6x6 fastened to underside of panel tight to outside edge of top flange to restrict laterally.

Concrete Deck Modular timber panels

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 3 bay

Bracing Good Bolted

Under Trussing

Hardware Good

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
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Hazards

Estimated Present Water Level Depth (m)	4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	.4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	.7	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install bridge ahead and missing delineators
2 Structure. Curb Maintenance. # sites. Priority:Low	Attach to superstructure Not required, these are modular panels
3 Structure. Add Load Rating Signs. # sites. Priority:Low	Post load rating

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream 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



Bearing



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

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Bearing



Upstream Profile