

CK-2228
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BOISE 3.2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°35'56" Longitude -122°39'9.1"

Site Status Active

Insp. Status Inspect

Crossing Name Side Creek

FSR # 8394 Branch # 2

Road Name BOISE

User km 3.2

Previous Load Rating (tonnes) 73

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) 9.8

Deck Width (m) 5.8

Updated Data

Latitude 49°35'55.67" Longitude -122°39'8.36"

HD Diff. (m) 17.9 Accuracy (m) 4

Inspection

Date of Inspection 2022-10-17 9:22:33 AM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2023

Inspection Company

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 13 2023

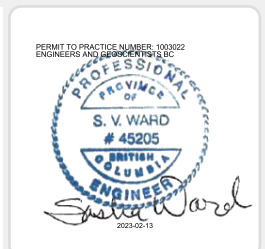
Load rating: L-45 truck

35 tonne tracked vehicle

20 tonne 3-axle gravel truck

Comments: Some indication of rot in upper layer of fir stringers, however cannot fully assess and load rating very sensitive to small increases in rot. Whole structure should be replaced soon.

Next inspection: 2023



PERMIT TO PRACTICE: 1003022

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Approach

Alignment **Good**

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 **Good**

Abutment

Log/Timber Cribs **Fair** Fair to poor. Right bank settling, gap between crib face logs. 3 crib face logs visible. Left bank 2 visible.

Tie Backs **Fair** Fair to poor. Rotten, though cribs still vertical

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware **Poor** Loose lashing. Needle beam not effective.

Fill **Good**

Riprap **Poor** No riprap

Bearings **Fair**

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Fair**

Hand Rails/Walkouts

Hardware **Fair**

Overall Deck Condition **Fair**

Gravel Depth (mm) **400**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware Fair

Poor-Loose lashing

Welded/grouted
shear connectors

Log

Log Curbs Fair

Needle Beam Fair

Poor-Rotten

Needle Lashing/
Shimming Fair

Poor-Loose, not in contact with stringers

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)	0	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance	.2	Ic	☐		

Comments Downstream of channel appears to have been recently excavated. Mid span to left crib is infilled with gravels. 1.2m of dry freeboard. Right bank has scoured exposing the 3 crib face log and resulting in settling and gaps between crib face logs. 2 layers of stringers. 8.5m downstream, span and 8.3m upstream span. 200mm gaps between lower stringers, rocks/stringers above filling gaps. Some fruiting bodies visible on upper stringers through gaps in lower stringers.

Repairs and Monitoring

Repair Item	Repair Description
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1 Approach. Bridge Ahead
Signs. # of signs.
Priority:Low

2

3

4

5

6

7

Item	Monitor Description	Frequency
1 Aggradation		Routine Inspection

2

3



Approach from bridge deck of Left bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream Profile



Needle beam down stream end



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Multiple stringer layers



Needle beam, loose lashing not contacting stringers



Stringers



Downstream channel work



Deck