

CK-2226
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BOISE 0.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°34'37.49" Longitude -122°38'34.4"

Site Status Active

Insp. Status Inspect

Crossing Name Pitt River

FSR # 8394 Branch # 2

Road Name BOISE

User km 0.3

Previous Load Rating (tonnes) 109

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Pile -Permanent Materials

Abutment Right Sill - Permanent Materials

Spans 4

Total Length (m) 91

Deck Width (m) 4.3

Updated Data

Latitude 49°34'37.2" Longitude -122°38'35.44"

HD Diff. (m) 22.9 Accuracy (m) 15

Inspection

Date of Inspection 2022-10-17 8:35:24 AM

Inspector Name Cameron VandenBrink, EIT

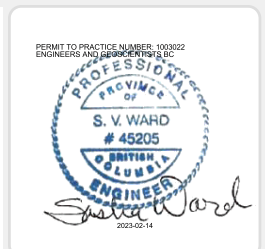
Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 13 2023
Load rating: 109 tonnes or L120
Next inspection: 2024



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** Fair to poor. Old rotten logs. Downstream right bank requires replacing

Posted Load Rating Not posted

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier **Good** 2 cip piers have woody debris accumulating

Concrete

Caps or Sills **Good** I beam right bank

Piles or Posts **Good** H columns

Ballast Wall **Fair** Treated Timbers

Wing Wall

Bracing **Good** Welded

Hardware

Fill **Fair**

Riprap **Fair** Left bank is scarce.

Bearings **Good**

Corrosion Protection

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Deck

Running Surface **Good**

Running Planks **Good**

Sub Deck **Good** Treated

Ties **Good** Treated

Nails **Good**

Deck to Girder Bolts **Good**

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good Minor corrosion

Diaphragms Good Minor corrosion

Bracing Good Minor corrosion

Under Trussing

Hardware Good Minor corrosion

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)	4.0	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	3	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Approach. Approach fenders (install). # of units. Priority:Low	Replace guidelogs
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2 Approach. Bridge Ahead Signs. # of signs. Priority:Low	
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3

4

5

6

7

Item	Monitor Description	Frequency
1	Debris accumulation around left bank CIP piers	Routine Inspection

2

3



Downstream Profile



Right Bank Abutment when facing downstream



Upstream Profile



Upstream Profile



Debris around 2 left bank piers



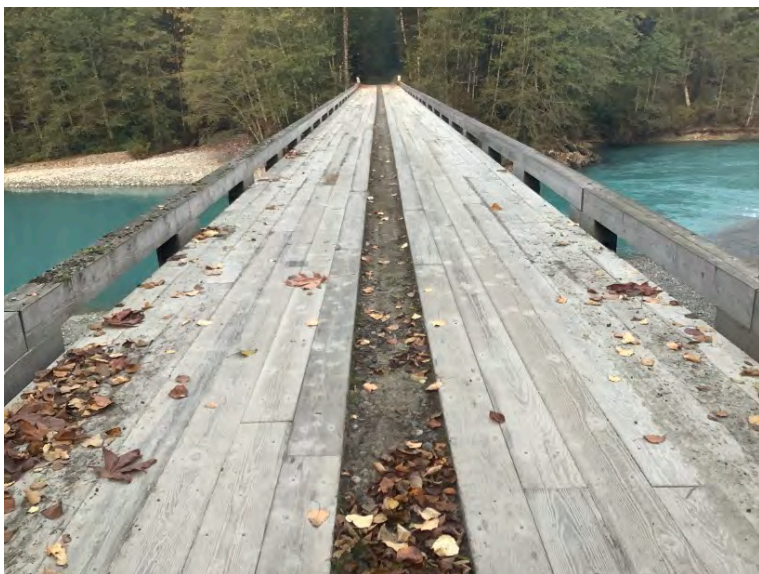
Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Deck



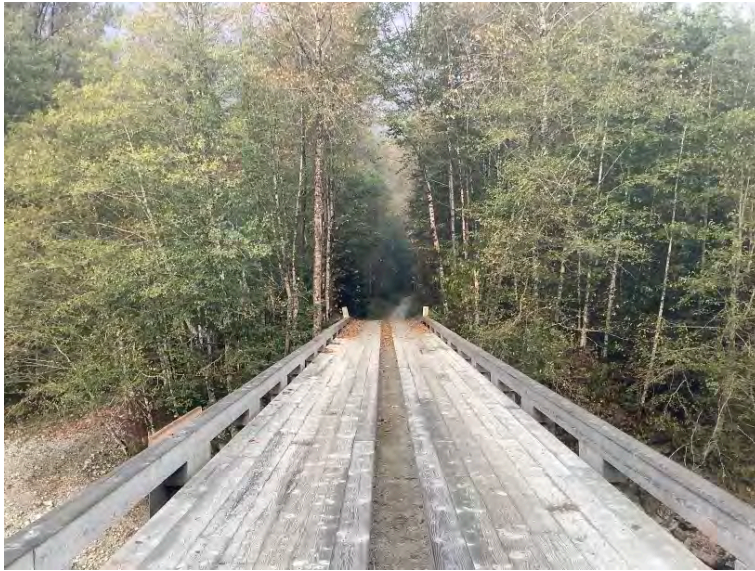
Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Right bank pier



Right bank jump span connection



Span 1-2 connection



Span 2-3 connection



Superstructure