

CK-2230
CK-2230

BOISE 7.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°37'15.39"
Longitude -122°41'47.3"

Site Status Active

Insp. Status Inspect

Crossing Name Boise Creek

FSR # 8394 Branch # 2

Road Name BOISE

User km 7.6

Previous Load
Rating (tonnes) 109

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Treated

Abutment Left Pile -Permanent Materials

Abutment Right Pile -Permanent Materials

Spans 3

Total Length (m) 40.2

Deck Width (m) 4.9

Updated Data

Latitude 49°37'14.81"
Longitude -122°41'46.06"

HD Diff. (m) 30.7 Accuracy (m) 13

Inspection

Date of Inspection 2022-10-17 10:03:56 AM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

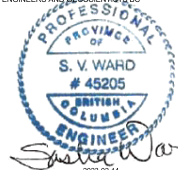
P.Eng Comments

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

Load rating: 109 tonnes or L120

Next inspection: 2024

PERMIT TO PRACTICE NUMBER: 1003022
ENGINEERS AND GEOSCIENTISTS BC



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC both approaches with flared deck panels

Bridge Ahead Signs
Missing

☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Minor around structure

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

Roll back to shoulder. Downstream left approach missing.

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Creosote timber with some fill starting to migrate beneath

Wing Wall

Bracing Fair

Steep cross brace angles

Hardware Good

Fill Fair

Oversteepened

Riprap Fair

Oversteepened, right bank appears to be bedrock. Left bank rests on piers.

Bearings Fair

Corrosion Protection Fair

Fair to poor.

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Deck

Running Surface Fair

Running Planks Good

Sub Deck Fair Creosote

Ties Fair Creosote

Nails Good

Deck to Girder Bolts Unrated No access to inspect

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Jump spans have 3 girders to pick up flair. 5 pile each pier location. 2 main span girders. Minor corrosion throughout entire structure

Diaphragms Fair

Bracing Fair

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

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Hazards

Estimated Present Water Level Depth (m)	.6	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	17	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	20	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Bridge Ahead Signs. # of signs. Priority:Low	
2 Approach. Approach fenders (install). # of units. Priority:Low	Install missing downstream, left bank guide log.

3

4

5

6

7

Item	Monitor Description	Frequency
1	Potholes at each end due to material loss under ballast walls	Routine Inspection

2

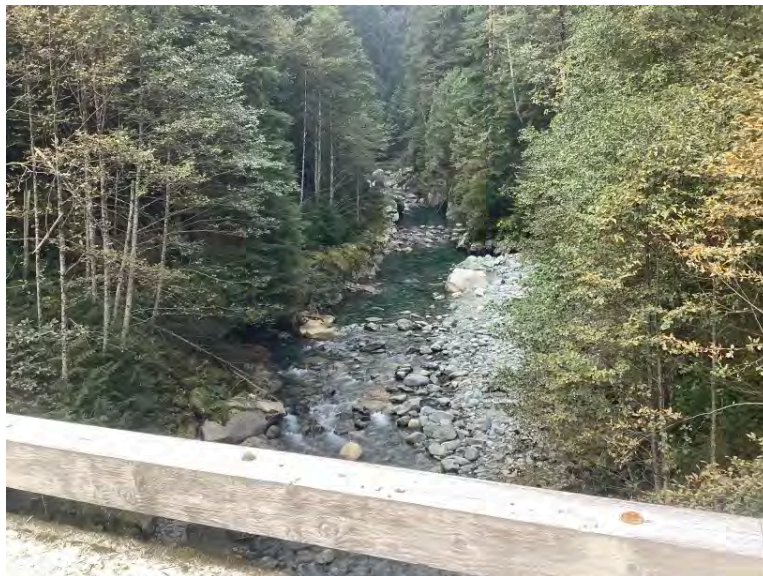
3



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



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



Approach from Right Bank when facing downstream



Span 2-3 pier viewing from left bank



Ballast Wall



Bearing



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Right pier



Right upstream, bearing



Right downstream flair girder



Superstructure