

CK-2110
CK-2110B

HARRISON EAST 38.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°38'21.09" Longitude -121°50'12.7"

Site Status Active

Insp. Status Inspect

Crossing Name Clear Creek (structure # 29)

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 38.5

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 27.4

Deck Width (m) 4.9

Updated Data

Latitude 49°38'21.52" Longitude -121°50'12.15"

HD Diff. (m) 17.0 Accuracy (m) 7

Inspection

Date of Inspection 2022-08-29 2:02 PM

Inspector Name Cameron VandenBrink, EIT

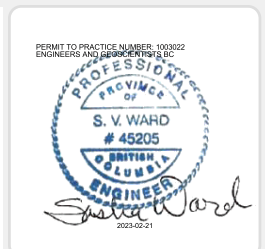
Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 17 2023
Load rating: 136 tonnes or L150
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** Woods downstream bullnose needs to be repositioned back onto shoulder

Posted Load Rating

Road Surface **Fair** Minor potholes each end of structure

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good**

Hardware **Good**

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection **Fair** Some wear

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Deck

Running Surface **Good** Minor potholes each end of structure

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Fair** Some stick proud of deck

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts **Good**

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 5 bays

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)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	0	Ic	☐		

Comments Woody debris and small gravels on top of downstream bottom flange.

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (re-Install). # of units. Priority:Low	Bull nose to be reinstalled

2

3

4

5

6

7

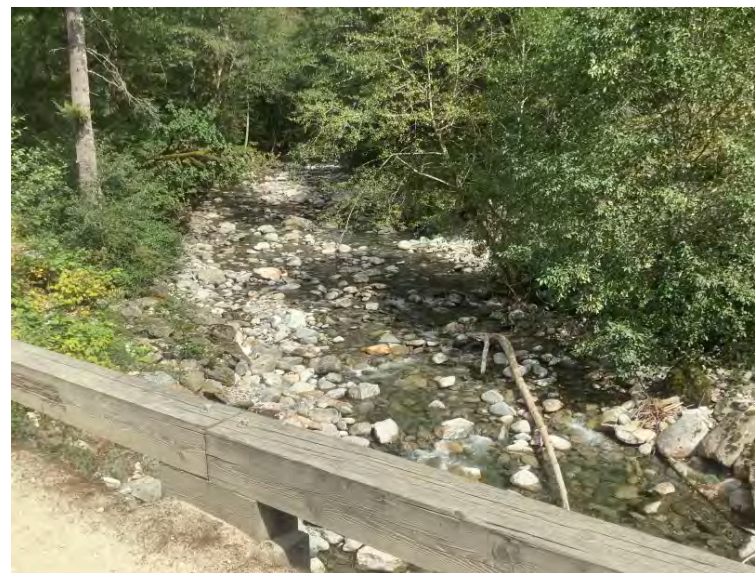
Item	Monitor Description	Frequency
1	Riprap oversteepened, appears stable. Monitor	Routine Inspection

2

3



Approach from Right Bank when facing downstream



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



Downstream from Crossing



Deck



Right Bank Abutment when facing downstream



Bearing



Superstructure



Downstream Profile



Upstream Profile



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream



Deposited woody debris