

CK-2123
2123B

HARRISON EAST 7.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°48'34.4" Longitude -121°46'43.3"

Site Status Active

Insp. Status Inspect

Crossing Name Pick Creek

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 7.6

Previous Load Rating (tonnes) 64

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 18.3

Deck Width (m) 4.9

Updated Data

Latitude 49°48'34.23" Longitude -121°46'43.45"

HD Diff. (m) 6.2 Accuracy (m) 5

Inspection

Date of Inspection 2022-08-29

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate 030-10

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

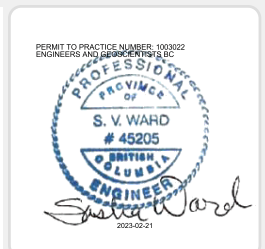
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 17 2023

Load rating: 64 tonnes

Comments: monitor rip rap, especially after high flows

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

In HC, Vc 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 Good

Posted Load Rating

63730

Road Surface Fair

Grading required prior to industrial use. Slight potholes at both ends of structure.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Bolted

Hardware Good

Fill Good

Riprap Fair

Movement upstream both sides and downstream town. Large rock still present and setback is sufficient. Monitor

Bearings Fair

Some bulging

Corrosion Protection Good

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Deck

Running Surface Good Grading required prior to industrial use. Slight potholes at both ends of structure.

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts Good

Concrete Deck Good

Grout Pockets N/A

Deck Joints Good Rubber gaskets between removable panels

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

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) .3

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 3

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 1.3

Ic ☐

Comments November 2021 storm likely mobilized riprap. And placed woody debris within 1.3m of superstructure.

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor riprap	Routine Inspection

2

3



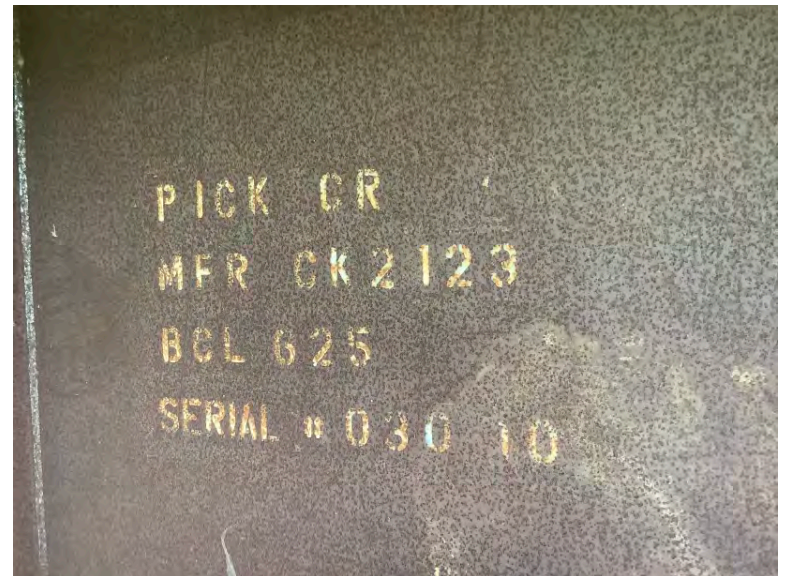
Upstream Profile



Left Bank Abutment when facing downstream



Bearing



Structure ID



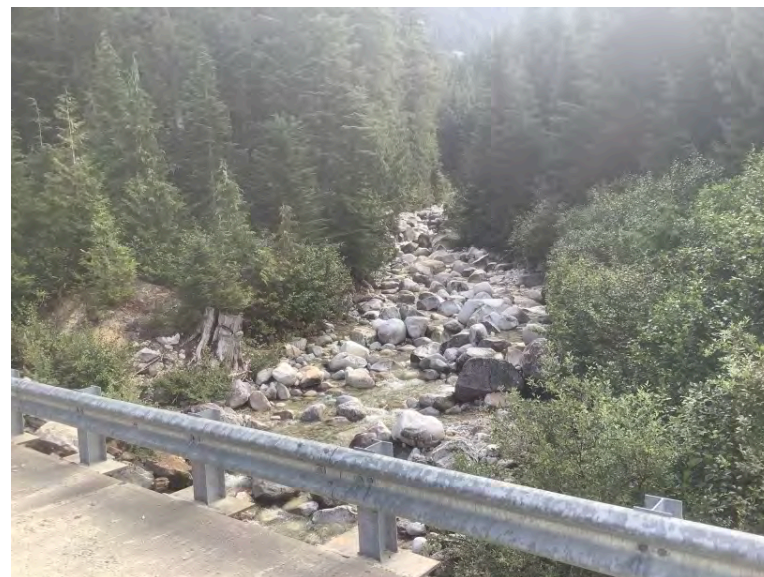
Downstream Profile



Right Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Deck



Superstructure



Approach from bridge deck of Right bank approach when facing downstream



Approach from bridge deck of Left bank approach when facing downstream