

CK-2109
CK-2109A

HARRISON EAST 35.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°36'15.5" Longitude -121°49'21.6"

Site Status Active

Insp. Status Inspect

Crossing Name Hornet Creek

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 35.3

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) 30.5

Deck Width (m) 4.9

Updated Data

Latitude 49°36'15.24" Longitude -121°49'22.14"

HD Diff. (m) 13.5 Accuracy (m) 6

Inspection

Date of Inspection 2022-08-29 3:03 PM

Inspector Name Cameron VandenBrink, EIT

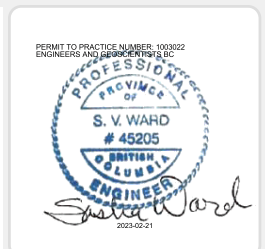
Recommended Next Inspection 2024

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
Comments: monitor bearing pads, some bulging observed
Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Long HC

Bridge Ahead Signs
Missing

☒ 0 ☐ 1 ☐ 2

Brushing Required **Y**

brushing required around structure

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating

136090

Road Surface **Fair**

Small potholes each end

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good**

Bolted

Hardware

Fill **Good**

Riprap **Good**

Bearings **Fair**

Bulging

Corrosion Protection **Fair**

Some wear

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Deck

Running Surface Small potholes each end

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Sediment accumulating some damage from machines walking across. Currently not required to repair.

Grout Pockets Good

Deck Joints Good

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 7 bay

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) 11 Aggradation ☐ Scour ☐
Estimated High Water Level Clearance .5 Ic ☐

Comments Clearance based on deposited small woody debris under structure

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Area/sight line brushing. m². Priority:Low	Brush around structure
2 Approach. Approach fill repair. m³. Priority:Low	Small potholes

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Load Rating Sign



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



Left Bank Abutment when facing downstream



Bearing



Upstream Profile



Right Bank Abutment when facing downstream



Downstream Profile