

CK-2112
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HARRISON EAST 50.2km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 49°43'34.79" Longitude -121°51'10.8"

Crossing Name Not Known

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 50.2

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) 21.4

Deck Width (m) 4.9

Updated Data

Latitude 49°43'34.78" Longitude -121°51'11.61"

HD Diff. (m) 16.2 Accuracy (m) 200

L150 or 136 tonnes

Inspection

Date of Inspection 2020-05-15 10:14:24 AM

Inspector Name Tyson Miller

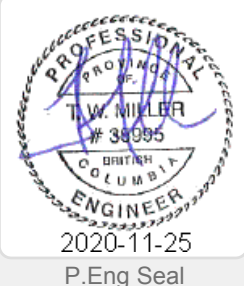
Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Install 6m long x 600mm diameter log fenders at both upstream banks. Monitor the corrosion noted on the top flanges. The current load rating of L150 or 136 tonnes to continue.



P.Eng Seal

CK-2112
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Approach

Alignment Fair

HC right 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 Fair

Missing upstream fenders

Posted Load Rating 136090

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

U/S left bank

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall Good

Only on right bank

Bracing

Hardware

Fill Fair

Upstream left bank has previously been scoured and stabilized

Riprap Fair

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good** Minor wear on wheel path

Grout Pockets **Fair** Evidence of water getting through

Deck Joints **Fair** Evidence of water getting through

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 4 bolted bays

Bracing Good

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments Upstream left footing has previously been formed and stabilized with concrete

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Low	Install fenders at both upstream banks

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	corrosion on top flanges	Every routine inspection

2

3



Approach from Left Bank when facing downstream



Load Rating Sign



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure

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Minor corrosion noted at deck joints



Right Bank Abutment when facing downstream