

SQ-3162
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ASHLU RIVER 35.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°54'37.5" Longitude -123°19'18.9"

Site Status Active

Insp. Status Inspect

Crossing Name Ashlu Creek (A4)

FSR # 9160 Branch # 2

Road Name ASHLU RIVER

User km 35.8

Previous Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 24.2

Deck Width (m) 4.9

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5556002.2 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 1:34:55 PM

Recommended Next Inspection 2023

Inspector Name Mitch Lowe

Inspection Company MoF

Inspector Comments Serial/ID Plate

Suggest shortened inspections cycle given condition, proximity to town, and bridge condition.

May want to consider reducing load rating to BCL-625 to preserve condition of sills.

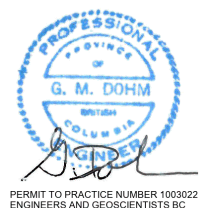
P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022

Load Rating: BCL625 or 63 tonnes

Next Inspection: 2023

Comments: Reduce load rating to BCL625. Plan to replace bridge within 3 years. Both abutments are in significantly degraded and corroding steel cap on woods side is nearing limit for replacement.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

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

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribbs Poor Rotting nearing end of life

Tie Backs Poor See above

Bin Wall N/A

Pier

Concrete

Caps or Sills Poor River left side has significant scaling and diaphragms are buckling under load.

Piles or Posts

Ballast Wall Poor See above

Wing Wall

Bracing

Hardware

Fill

Riprap Poor Not present

Bearings Poor See caps above

Corrosion Protection Poor See caps above

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties Fair

Nails Fair

Deck to Girder Bolts Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Poor Significant rust scaling present

Diaphragms Poor Significant rust scaling present

Bracing Poor Significant rust scaling present

Under Trussing

Hardware Poor Significant rust scaling present

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)

High Water ☒

Debris ☒

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1 Miscellaneous. Total
Structure Replacement. # of
items. Priority:Medium
Agree with 2020 comments from G. Fournier.

2

3

4

5

6

7

Item

Monitor Description

Frequency

1 Monitor rot in cribs and caps for continued degradation.

Anually

2

3



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



Deck



Superstructure



Deck



Bearing



Bearing