

SQ-3233
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GREEN RIVER 16.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°16'8.64" Longitude -122°34'57.2"

Site Status Active

Insp. Status Inspect

Crossing Name Ure Creek

FSR # 7979 Branch # 1

Road Name GREEN RIVER

User km 16.5

Previous Load Rating (tonnes) 63

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) 21.3

Deck Width (m) 4.88

Updated Data

Latitude 50°16'7.6" Longitude -122°34'57.3"

HD Diff. (m) 32.1 Accuracy (m) 6

Inspection

Date of Inspection 2022-09-22 12:00:38 PM

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

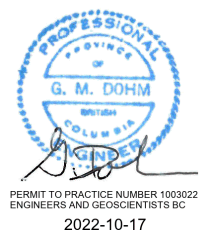
Consider updating inspection frequency for crib.

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2024
Comments:



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 Poor Logs and large rocks, undersized upstream woods

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Crib Fair Old crib on right bank, retaining fill

Tie Backs

Bin Wall

Pier

Concrete Good Lock block ballast wall

Caps or Sills

Piles or Posts Fair Corrosion

Ballast Wall Good Lock blocks

Wing Wall

Bracing

Hardware Fair

Fill Fair Behind rotting crib on woods side

Riprap Unrated Bedrock canyon

Bearings Fair

Corrosion Protection Poor Worn, where visible.

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Unrated** Covered in fill

Deck Joints **Good** Where visible

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Wood rails solid, risers starting to show signs of rot

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

All steel rusting. Not major.

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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 10

Ic ☐

Comments Bedrock canyon

Repairs and Monitoring

Repair Item

Repair Description

1 Approach. Approach fenders (install). 1 # of units.
Priority:Medium

2 Approach. Bridge Ahead
Signs. 2 # of signs.
Priority:Medium

3

4

5

6

7

Item

Monitor Description

Frequency

1 Old crib for rot. Currently retaining fill. Not sure how deep footings are installed.

Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Guard Rail



Approach from Right Bank when facing downstream



Approach Barrier



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Superstructure



Bearing



Superstructure



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Guard Rail