

CK-2466
2466

GARNET 7.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°24'37.1" Longitude -121°35'31.5"

Site Status Active

Insp. Status Inspect

Crossing Name Unknown

FSR # 7558 Branch # 1

Road Name GARNET

User km 7.6

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 12

Deck Width (m) 4.9

Updated Data

Latitude 49°24'37.04" Longitude -121°35'31.72"

HD Diff. (m) 4.9 Accuracy (m) 6

Inspection

Date of Inspection 2022-09-12 3:31:46 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

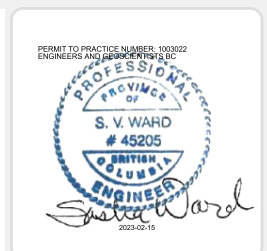
P.Eng Comments

Load rated by: MoF Sasha Ward, RPF, P.Eng Feb 15 2023

Load rating: 68 tonnes

Comments: monitor deck panel damage

Next inspection: 2024



PERMIT TO PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating **Not posted**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills **Good** Cap beam with integrated ballast wall

Piles or Posts **Unrated** Buried

Ballast Wall **Good**

Wing Wall

Bracing **Unrated** Buried

Hardware

Fill **Good**

Riprap **Fair** Downstream left oversteepened. Scour around large rock within channel and at toe

Bearings **Good**

Corrosion Protection **Unrated** Buried

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Deck

Running Surface **Fair**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** Some damage from tracked machines

Grout Pockets

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good** 4 slabs

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors **Good** Grouted

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)	1.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	.05	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	1.9	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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- 1 Approach. Area/sight line brushing. m². Priority:Low
- 2 Approach. Bridge Ahead Signs. # of signs. Priority:Low
- 3 Structure. Add Load Rating Signs. # sites. Priority:Low

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor left bank riprap toe for further scour	Routine Inspection

2

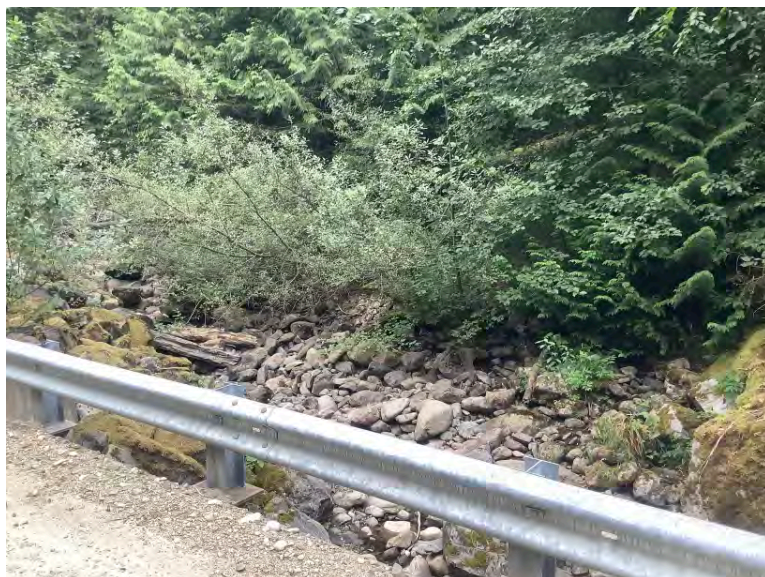
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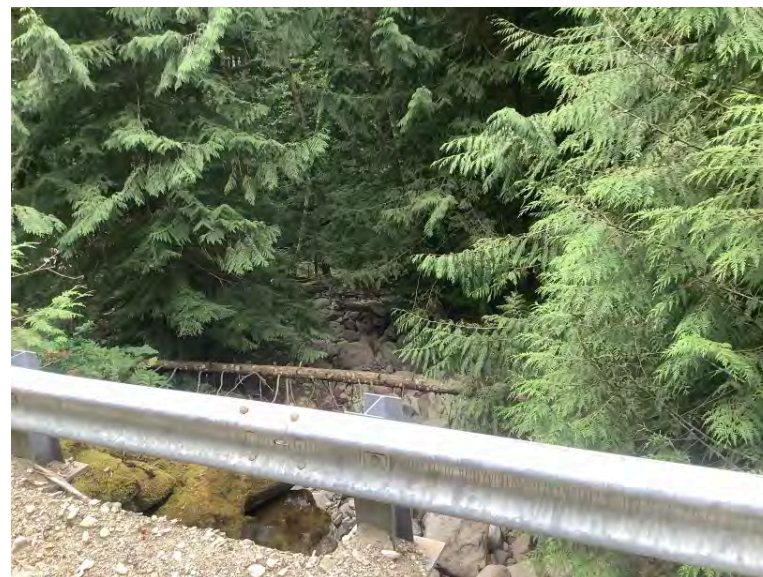
Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



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



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Riprap and scour left bank



Deck