

SQ-3148
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BRITANNIA CREEK 2.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°36'17.1" Longitude -123°11'39.4"

Site Status Active

Insp. Status Inspect

Crossing Name Daisy #1

FSR # 8321 Branch # 1

Road Name BRITANNIA CREEK

User km 2.3

Previous Load
Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 10

Deck Width (m) 5.8

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5521975.5 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 3:22 PM

Inspector Name Forrest Simpson

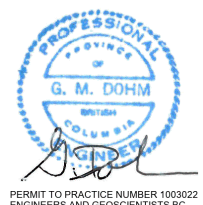
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L75 or 68 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y Minor

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor Missing 3 of 4

Posted Load Rating None

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good Lock blocks

Caps or Sills Good Old treated timber

Piles or Posts N/A

Ballast Wall Good

Wing Wall Good

Bracing

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets

Deck Joints **Unrated** No shear connectors. Check structural design

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Loose wood rails. Plan on replacement

Hand Rails/Walkouts

Hardware **Fair** Loose rails

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good**

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Unrated**

None. Check design

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	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance	1.5	Ic	☐		
Comments	Debris flow moving large material				

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). 3 # of units. Priority:High	Add missing approach barriers

2

3

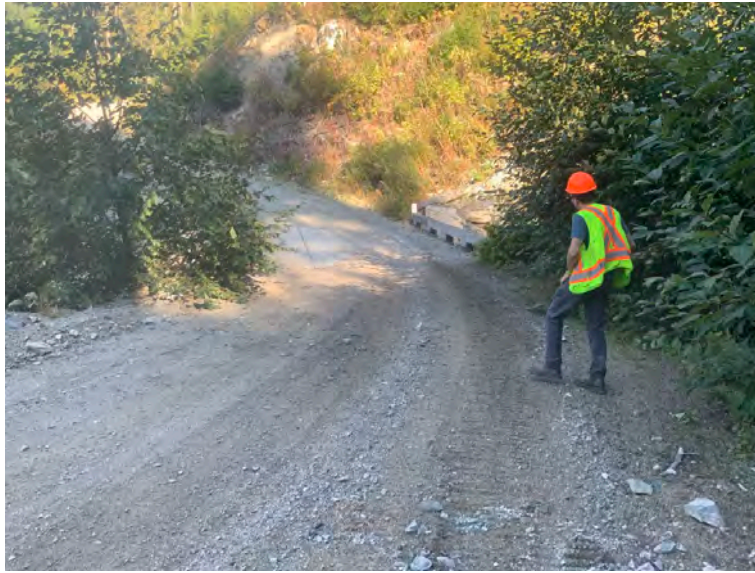
4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Guardrail, loose



Approach from Right Bank when facing downstream



Upstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream from Crossing