

SQ-3149
SQ-3149

BRITANNIA CREEK 2.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°36'20.3" Longitude -123°11'35.9"

Site Status Active

Insp. Status Inspect

Crossing Name Trib to Daisy Creek

FSR # 8321 Branch # 1

Road Name BRITANNIA CREEK

User km 2.5

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) 4.4

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5522074.5 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 3:02:29 PM

Recommended Next Inspection 2025

Inspector Name Forrest Simpson

Inspection Company MoF

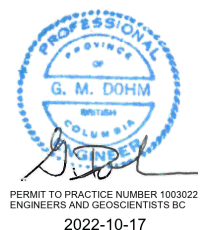
Inspector Comments Serial/ID Plate

Riprap has shifted both abutments. Steep and at Risk of further movement, and consequent footing erosion. Right bank may be cast in place, bedrock present. Monitor.

Plan for guardrail replace,ent

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

Curve and grade

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

None

Posted Load Rating

None

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Poor

Has shifted

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 **Fair** Minor damage on deck ends

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Wood rails, risers signs of rot

Hand Rails/Walkouts

Hardware **Fair** Rails slightly loose

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good**

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good**

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)	.05	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	.05	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance	1.2	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). 4 # of units. Priority:High	Install approach barrieirs

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Riprap for further movement and fill erosion	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Deck



Approach from Right Bank when facing downstream



Guard Rail



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Upstream from Crossing



Downstream from Crossing