

SQ-3153
SQ-3153

BRITANNIA CREEK 6.9km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°37'34.1" Longitude -123°9'28.5"

Site Status Active

Insp. Status Inspect

Crossing Name Britiannia Creek

FSR # 8321 Branch # 1

Road Name BRITANNIA CREEK

User km 6.9

Previous Load Rating (tonnes) 91

Structure Class Permanent Bridge

Portable Y

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) 18.3

Deck Width (m) 4.3

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5524356.5 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 1:48:50 PM

Inspector Name Forrest Simpson

Recommended Next Inspection 2025

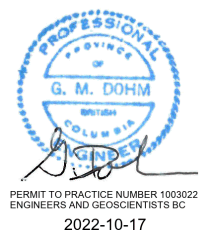
Inspection Company MoF

Inspector Comments Serial/ID Plate

Left bank riprap may have seen movement. Very large rock at risk of becoming further unsupported. Monitor.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L100 or 91 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

SQ-3153
SQ-3153

BRITANNIA CREEK 6.9km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required **Y** **Minor brushing**

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Poor** **Missing or misligned, logs**

Posted Load Rating **91**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good**

Hardware **Good**

Fill **Good**

Riprap **Fair** **Large rock, at risk of movement**

Bearings **Good**

Corrosion Protection **Fair** **Worn**

SQ-3153
SQ-3153

BRITANNIA CREEK 6.9km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** Minor surface dmaage

Grout Pockets **Unrated** Covered in fill

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Rotten risers

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

SQ-3153
SQ-3153

BRITANNIA CREEK 6.9km

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SQ-3153
SQ-3153

BRITANNIA CREEK 6.9km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)	3	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2.5	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). 2 # of units. Priority:High	Add approach barriers right bank.
2 Approach. Approach fenders (re-Install). 2 # of units. Priority:Medium	Re align approach logs on left bank
3 Structure. Curb Maintenance. # sites. Priority:High	Replace rotten risers.
4 Structure. . . Priority:Low	

5

6

7

Item	Monitor Description	Frequency
1	Left bank riprap for movement.	Routine Inspection
2		
3		



Approach from Left Bank when facing downstream



Deck



Guard Rail



Guard Rail



Guard Rail



Guard Rail



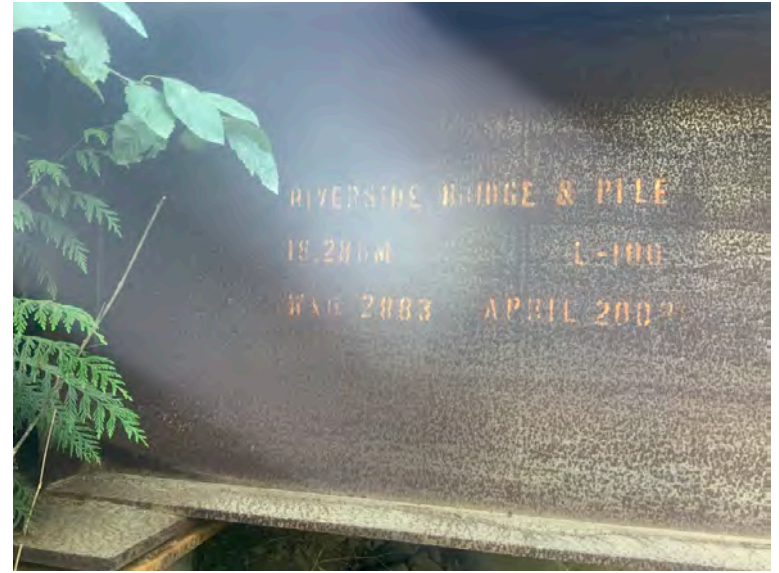
Deck



Approach from Right Bank when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



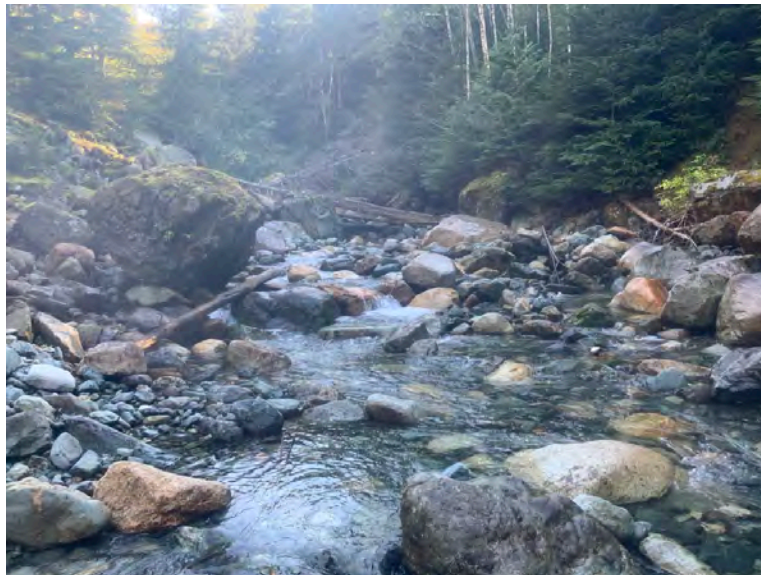
Superstructure



Right Bank Abutment when facing downstream



Upstream Profile



Upstream from Crossing



Left Bank Abutment when facing downstream



2022 Inspection

CBR iPad Offline Ver 0.36

BRITANNIA CREEK 6.9km

SQ-3153
SQ-3153



Right Bank Abutment when facing downstream