

SQ-3151

BRITANNIA 01 2.9km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°14'.89" Longitude -125°2'50.8"

Site Status Active

Insp. Status Inspect

Crossing Name Gracie Creek

FSR # 7954 Branch # 12

Road Name Stirling Arm Main

User km 11.97

Previous Load Rating (tonnes) 150

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) 30.5

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5480657.2 Accuracy (m)

Inspection was recorded in app on SI-3151... updated manually. Correct structure info shown below (F.Simpson Oct. 3, 2022)

CBR Data

Latitude 49°36'38.7" Longitude -123°11'35.3"

Crossing Name Trib to Thistle Creek

FSR # 8321 Branch # 1

Road Name BRITANNIA 01

User km 2.9

Previous Load Rating (tonnes) 136

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2000

Opening Width (mm) 2000

Inlet Cover (mm) 2800

Outlet Cover (mm) 3100

Culvert Gradient % 5

Culvert Length (m) 16.1

Inspection

Date of Inspection September 26, 2022

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company Ministry of Forests

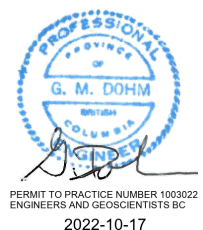
P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022

Load Rating: L150 or 136 tonnes

Next Inspection: 2025

Comments:



PERMIT TO PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs Missing ☐ 0 ☐ 1 ☐ 2 **None present, but not needed.**

Brushing Required

Delineator Missing Left ☐ 0 ☐ 1 ☐ 2 **None present, but not needed.**

Delineator Missing Right ☐ 0 ☐ 1 ☐ 2 **None present, but not needed.**

Fender Condition **N/A , none but not needed**

Posted Load Rating **None**

Road Surface **Good**

Abutment

Log/Timber Crib

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Good**

Bearings

Corrosion Protection

APPLICABLE CULVERT ELEMENTS

Coating	Fair (worn floor)
Coupled Connections	Fair (slight gap)
Fill	Good
Riprap	Good
Floor	Fair (worn, rusting)
Footing	Good
Inlet	Good
Outlet	Good
Overall	Good
Roof	Good
Sidewalls	Good

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Hazards

Estimated Present Water Level Depth (m) .05

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) .1

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 1.6

Ic ☐

Comments

Repairs and Monitoring

Repair Item Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Approach from Left Bank when facing downstream



Inlet



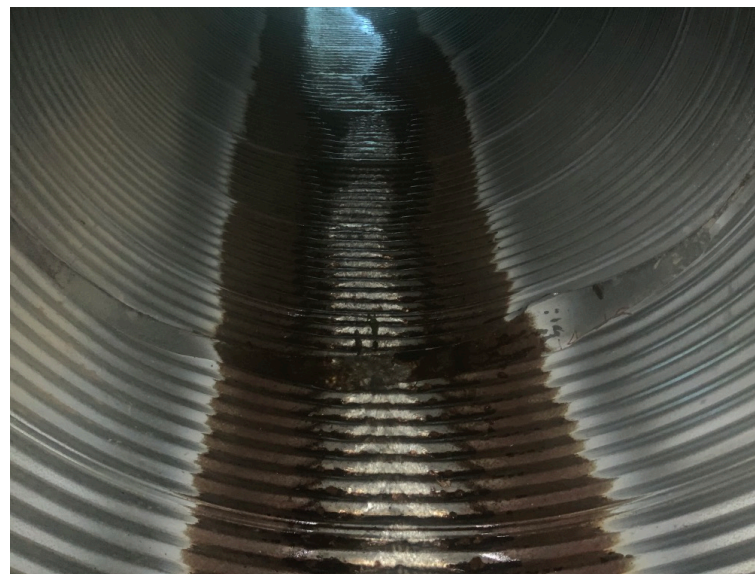
Inlet



Culvert Floor



Outlet



Coupler



Outlet