

SQ-3010
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RUTHERFORD 01 4.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°16'46.4" Longitude -122°55'11.5"

Site Status Active

Insp. Status Inspect

Crossing Name Trib to Rutherford

FSR # 5673 Branch # 1

Road Name RUTHERFORD 01

User km 4.1

Previous Load Rating (tonnes) 136

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) 20.3

Deck Width (m) 4.85

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5597094.6 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 5:16:36 PM

Inspector Name Forrest Simpson

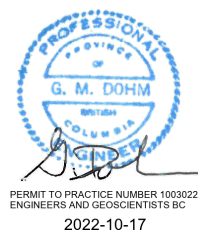
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L150 or 136 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

Woods approach missing

Brushing Required Y

Delineator Missing

Left

☒ 0

☐ 1

☐ 2

Delineator Missing

Right

☒ 0

☐ 1

☐ 2

Fender Condition Fair

Logs

Posted Load Rating 136

Road Surface Fair

Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Deck

Running Surface Good Potholes

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Surface wear, and damage to edges.

Grout Pockets Unrated Covered in fill

Deck Joints Good Well grouted

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair New wood rails. Minor damage

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

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
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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 1.8 Ic ☐

Comments On a debris fan, large rock channel

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. m². Priority:Medium	Repair damage to deck and ballast wall, town side
2 Approach. Approach fill repair. m³. Priority:Medium	Fill potholes, prevent damage to deck ends
3 Approach. Area/sight line brushing. m². Priority:Low	

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Deck, ballast wall. Town approach



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Upstream from Crossing



Upstream Profile