

SQ-3076
SQ-3076A

SOO RIVER SOUTH 8.2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°13'22"
Longitude -123°0'28"

Site Status Active

Insp. Status Inspect

Crossing Name Tributary to Soo

FSR # 7910 Branch # 2

Road Name SOO RIVER SOUTH

User km 8.2

Previous Load
Rating (tonnes) 68

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 7.5

Deck Width (m) 6.3

Updated Data

Latitude 0°0'0"
Longitude 0°0'0"

HD Diff. (m) 5590774.1 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 8:41:24 AM

Inspector Name Mitch Lowe

Inspector Comments Serial/ID Plate

7.2m c/c span D/S

No issues, well built superstructure.

Recommended Next Inspection 2024

Inspection Company MoF

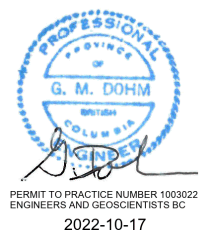
P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022

Load Rating: BCL625 or 63 tonnes

Next Inspection: 2024

Comments: Downrate to 63 tonnes based on my detailed information provided.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 Not required

Brushing Required **N**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating **0**

Road Surface **Good**

Abutment

Log/Timber Cribbs **Poor** Old logs cribs in poor condition. Some undermining under both.

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills **Good** Sills approximately 2m back from old cribs in good condition.

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings **Good**

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm) **400**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs **Good**

Needle Beam

Needle Lashing/
Shimming **Fair**

Well lashed, but lashing is small. 1/2" cable.

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	N	500	10	Good	
2	Cw	N	510	10	Good	
3	Cw	N	540	10	Good	
4	Cw	N	620	10	Good	
5	Cw	N	610	10	Good	
6	Cw	N	550	10	Good	
7	Cw	N	620	10	Good	
8	Cw	N	550	10	Good	
9	Cw	N	650	10	Good	
10	Cw	N	600	10	Good	
11	Cw	N	480	10	Good	
12	Cw	N	480	10	Good	

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Hazards

Estimated Present Water Level Depth (m)

High Water ☐

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance

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 Right Bank when facing downstream



Load Rating Sign



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Stringers



Stringers

