

SQ-3015
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SOO RIVER SOUTH km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°13'18"
Longitude -123°2'7"

Site Status Active

Insp. Status Inspect

Crossing Name Soo River

FSR # 7910 Branch # 2

Road Name SOO RIVER SOUTH

User km
Previous Load Rating (tonnes) 150
Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 15.2

Deck Width (m) 4.88

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5590650.4 Accuracy (m)

Y

Inspection

Date of Inspection 2022-09-27 8:11:22 AM

Inspector Name Mitch Lowe

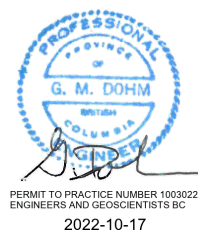
Inspector Comments Serial/ID Plate 7229 L-165 06/01

Recommended Next Inspection 2024

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L165 or 150 tonnes
Next Inspection: 2024
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

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

Brushing Required **Y** Brushing to be completed when road is brushed.

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating

Road Surface **Good**

Abutment

Log/Timber Cribs **Fair** Top face log on river left side is over notched. Tieback not directly under girders. Face log starting to crack.

Tie Backs **Fair**

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall **Fair**

Wing Wall

Bracing

Hardware

Fill

Riprap **Fair** River left upstream side subject to erosion.

Bearings **Good**

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts **Good**

Concrete Deck **Good**

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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)

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 Monitor river left abutment for erosion and further cracking.

Routine Inspection

2

3



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Structure ID



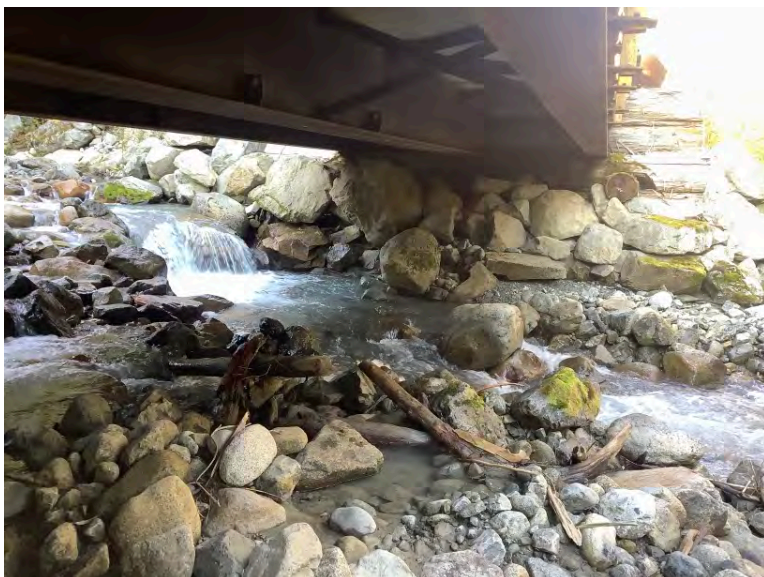
Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Bearing