

SQ-3207
SQ-3207

SOO RIVER 01 8.1km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude 50°13'46.89" Longitude -122°58'19.7"

Crossing Name Soo River Tributary

FSR # 7910 Branch # 1

Road Name SOO RIVER 01

User km 8.1

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 6.5

Deck Width (m) 5.5

Updated Data

Latitude 50°13'46.54" Longitude -122°58'20.88"

HD Diff. (m) 25.8 Accuracy (m) 5

Inspection

Date of Inspection 2021-09-22 2:40:31 PM

Inspector Name Greg Dohm

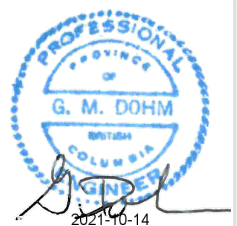
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments:



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills Good

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good Half bridge slab girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted shear connectors N/A None required

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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Deck



Upstream from Crossing



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Outlet



Inlet



Approach from Right Bank when facing downstream