

SQ-3208
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SOO RIVER 01 10.1km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°13'55.59"	-122°59'56.8"
Crossing Name	Soo River Tributary
FSR #	7910
Branch #	1
Road Name	SOO RIVER 01
User km	10.1
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

Updated Data

Latitude	Longitude
50°13'55.87"	-122°59'57.09"
HD Diff. (m)	10.2
Accuracy (m)	5

Inspection

Date of Inspection 2021-09-22 2:22:11 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

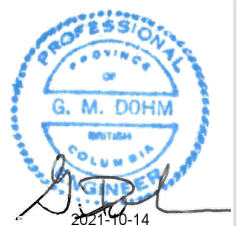
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Lock blocks without pad footings. Riprap missing on woods side. Needs to be added to prevent undermining.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments: repair riprap to prevent undermining lockblock abutments



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 Fair

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Lock blocks without pad footings. Riprap missing on woods side. Needs to be added to

Caps or Sills Fair

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Poor

Missing on downstream woods side

Bearings Fair

Corrosion Protection Fair

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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 Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

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 (m)	1.3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Substructure. Piling/ pedestal maintenance. 1 m². Priority:Medium	Lock blocks without pad footings. Riprap missing on woods side. Needs to be added to prevent undermining.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Downstream Profile



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Missing riprap - woods side downstream



Upstream Profile