

SQ-3001
SQ-3001

STAWAMUS-INDIAN MAIN 1.3km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°41'54.89"	-123°5'48.6"
Crossing Name	Stawamus River
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	1.3
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Glulam Girder
Deck Type	Timber - Untreated
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	40
Deck Width (m)	3.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5532421.0
Accuracy (m)	

Inspection

Date of Inspection 2020-08-12 10:56 AM

Recommended Next Inspection Year

Inspector Name Greg Dohm

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Woods abutment showing some erosion all undermining that needs to be repaired and mitigated ASAP. Recommend forming and filling with cast-in-place concrete.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 4, 2021
Load Rating: L60 or 54 tonnes
Next Inspection: 2022
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

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Woods abutment showing some erosion all undermining that needs to be repaired and

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Deck

Running Surface Fair

Running Planks

Sub Deck Fair Showing no some conk underneath on woods end. TNL deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing

Under Trussing Fair

Hardware Fair Getting old

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 (m)

Ice ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1 Substructure. . 1 .
Priority:High

Woods abutment showing some erosion all undermining that needs to be repaired and mitigated ASAP. Recommend forming and filling with cast-in-place concrete.

2

3

4

5

6

7

Item

Monitor Description

Frequency

1 Erosion at woods end abutment

Other

2

3



Approach from Left Bank when facing downstream



Superstructure



Superstructure



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream