

SQ-3002

STAWAMUS-INDIAN MAIN 3.6km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°40'55.4"	-123°5'1.89"
Crossing Name	Stawamus River
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	3.6
Previous Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	26.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°40'55.31"	-123°5'4.97"
HD Diff. (m)	61.7
Accuracy (m)	5

Inspection

Date of Inspection 2019-09-16 4:56:30 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Guard rail rotten and broken at woods end curb rails replaced
Curbs need replacing prior to industrial use

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 24, 2020
Load Rating: L75 or 68 tonnes
Next Inspection: 2022
Comments: Curb rails found to require replacement. Curb rails were subsequently replaced in October 2019.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

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

Caps or Sills

Piles or Posts Fair

Ballast Wall Fair

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Fair

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 Fair

Deck Joints Fair

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Poor Guard rail rotten and broken at woods end curb rails replaced
Curbs need replacing prior to industrial use

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Poor Due to broken curb rail

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

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)	.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	8	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Guard rail rotten and broken at woods end curb rails replaced Curbs need replacing prior to industrial use

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Guard Rail



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Guard Rail



Right Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Upstream Profile



Upstream Profile



CURB RAILS REPLACED,
OCT. 22, 2019