

SQ-3004
SQ-3004

STAWAMUS-INDIAN MAIN

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°37'57.9"	-123°0'47.8"
Crossing Name	Indian River
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	12.1
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	16
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°37'58.88"	-123°0'47.11"
HD Diff. (m)	33.3
Accuracy (m)	5

Inspection

Date of Inspection 2021-09-20 10:45:33 AM

Inspector Name Greg Dohm

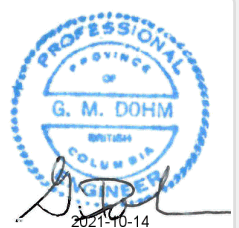
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Sept. 20, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2023
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

Woods side fender pushed into lane. Needs to be moved

Posted Load Rating 68

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair

Caps or Sills Fair

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection

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Deck

Running Surface Fair

Running Planks Fair

Sub Deck Fair

Ties Fair

Nails Fair

Deck to Girder Bolts Fair

Concrete Deck

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 Fair

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Approach. Approach
fenders (re-Install). 1 # of
units. Priority:Low

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Riprap movement	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Downstream Profile



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile