

SQ-3008
SQ-3008

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°30'39.99" Longitude -122°54'6.04"

Site Status Active

Insp. Status Inspect

Crossing Name Indian River

FSR # 4823 Branch # 1

Road Name STAWAMUS-INDIAN MAIN

User km 28.4

Previous Load Rating (tonnes) 109

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 2

Total Length (m) 37.6

Deck Width (m) 4.25

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5511551.7 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 12:06:27 PM

Recommended Next Inspection 2025

Inspector Name Mitch Lowe

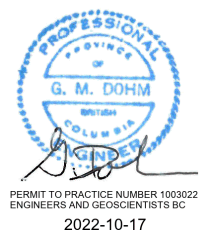
Inspection Company MoF

Inspector Comments Serial/ID Plate

Road approach between SI-3007 and SI-3008 has potential to washout during peak flood.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L120 or 108 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

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** **No present**

Posted Load Rating **109**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier **Fair**

Concrete

Caps or Sills **Fair**

Piles or Posts **Good**

Ballast Wall **Fair**

Wing Wall

Bracing **Fair**

Hardware

Fill **Fair**

Riprap **Fair**

Bearings **Fair**

Corrosion Protection **Good**

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck	Fair	Efflorescence protruding through underside of deck. Some pitting occurring on underside.
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Grout Pockets	Fair
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Deck Joints	Fair
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Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Poor	Rotten
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Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm)

Pier Deck	Fair
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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)

High Water ☒

Debris ☒

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Low	Inactive road. No approach barriers.

2 Structure. Full Curb Replacement. . Priority:High

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Deck



Left Bank Abutment when facing downstream



Pier



Deck



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream