

SQ-3005
SQ-3005

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°31'28.09" Longitude -122°54'9.8"

Site Status Active

Insp. Status Inspect

Crossing Name Forestry Creek

FSR # 4823 Branch # 1

Road Name STAWAMUS-INDIAN MAIN

User km 28.1

Previous Load Rating (tonnes) 108

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) 15.2

Deck Width (m) 4.8

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5513039.0 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 1:17:23 PM

Inspector Name Mitch Lowe

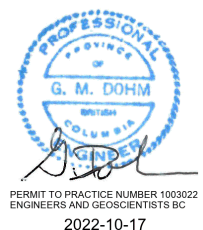
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

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

SQ-3005
SQ-3005

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



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** **Not present**

Posted Load Rating

Road Surface **Fair** **Some erosion of river left bank, suggest armouring fill with riprap.**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good**

Hardware **Good**

Fill **Fair** **Downstream approaches subject to erosion from Indian River.**

Riprap **Fair**

Bearings **Good**

Corrosion Protection **Good**

SQ-3005
SQ-3005

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface

Some erosion of river left bank, suggest armouring fill with riprap.

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

SQ-3005
SQ-3005

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SQ-3005
SQ-3005

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36



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. Reconstruct fill. m³. Priority:Low	Consider armouring approaches on the downstream sides.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Bearing



Bearing



2022 Inspection

CBR iPad Offline Ver 0.36

STAWAMUS-INDIAN MAIN

SQ-3005
SQ-3005



Right Bank Abutment when facing downstream