SQ-3009
SQ-3009A

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°28'29.3"	-122°52'57.6"

Site Status: Active
Insp. Status: Inspect
Crossing Name: Tributary to Indian River
FSR #: 4823 Branch #: 1
Road Name: STAWAMUS-INDIAN MAIN
User km: 36.2
Previous Load Rating (tonnes): 62
Structure Class: Permanent Bridge
Portable: N
Superstructure: Steel I-beam
Deck Type: Concrete Removable
Abutment Left: Concrete Lock Blocks
Abutment Right: Concrete Lock Blocks
Spans: 1
Total Length (m): 15.2
Deck Width (m): 4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m): 5507510.2 Accuracy (m):

Inspection

Date of Inspection: 2022-09-27 11:32:18 AM
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: BCL625 or 63 tonnes
Next Inspection: 2025
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. DOHM

PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC
2022-10-17

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Good	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	Not required.
Brushing Required	N	Will be brushed when road is brushed.
Delineator Missing Left	○ 0 • 1 ○ 2	Delineators not well installed
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Fair	Large old logs with rot.
Posted Load Rating		
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Good	Odd configuration with reused footing.
Caps or Sills		
Piles or Posts		
Ballast Wall	Poor	Too short, fill spilling onto girders
Wing Wall		
Bracing		
Hardware		
Fill		
Riprap	Good	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	Good
Concrete Deck	Good
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Good
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	Good
Gravel Depth (mm)	
Pier Deck	

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

Hazards

Estimated Present Water Level Depth (m)		High Water	X	Debris	
Estimated Present Water Level Width (m)		Aggradation		Scour	X
Estimated High Water Level Clearance		Ic			

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Add Warning Signs. # of signs. Priority:Low	Fix delineators
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Ballast Wall

Deck

Bearing