SQ-3007
SQ-3007

STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°30'42.3"	-122°54'9.1"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Indian River
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	29.6
Previous Load Rating (tonnes)	109
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Pile -Permanent Materials
Abutment Right	Pile -Permanent Materials
Spans	1
Total Length (m)	36
Deck Width (m)	4.25

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5511622.8	Accuracy (m)	

Inspection

Date of Inspection: 2022-09-27 12:35:10 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:

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	
Brushing Required	N	
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	One has fallen off
Fender Condition	Poor	Replace fenders
Posted Load Rating	109	
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Fair	
Piles or Posts	Fair	
Ballast Wall	Fair	
Wing Wall		
Bracing		
Hardware		
Fill		
Riprap	Fair	
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface		
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	Rotten
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

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

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	Structure. Full Curb Replacement. . Priority:High	
2	Approach. Approach fenders (install). # of units. Priority:Medium	
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Deck

Load Rating Sign

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Deck