SQ-3006
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STAWAMUS-INDIAN MAIN

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°31'23.7"	-122°54'7.42"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Forestry
FSR #	4823
Branch #	1
Road Name	STAWAMUS-INDIAN MAIN
User km	28.2
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)	18.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5512903.0	Accuracy (m)	

Inspection

Date of Inspection	2022-09-27 1:46:42 PM
Inspector Name	Mitch Lowe

Recommended Next Inspection	2025
Inspection Company	MoF

Serial/ID Plate
Inspector Comments

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
Fender Condition	Fair
Posted Load Rating	108
Road Surface	Fair

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	
Riprap	Good
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	
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	

Steel/Concrete

Girders	Fair
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	X
Estimated Present Water Level Width (m)		Aggradation		Scour	X
Estimated High Water Level Clearance		Ic			

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Substructure. Ballast wall/ retaining wall maintenance. m. Priority:Medium	Concrete maintenance to ballast wall recommended
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Left Bank Abutment when facing downstream

Deck

Stringers

Right Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Bearing

Approach from Left Bank when facing downstream

Bearing

Ballast Wall