SQ-3226
SQ-3226

IN-SHUCK-CH 26.5km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°6'21.8"	-122°31'27.7"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Tributary to Lillooet Lake
FSR #	7343
Branch #	1
Road Name	IN-SHUCK-CH
User km	26.5
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	7.6
Deck Width (m)	8.2

Updated Data

Latitude	Longitude
50°6'21.24"	-122°31'28.06"

HD Diff. (m)	18.9	Accuracy (m)	7

Inspection

Date of Inspection: 2022-09-22 10:21:12 AM

Inspector Name: Forrest Simpson

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 13, 2022
Load Rating: L150 or 136 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	Double wide, not necessary
Brushing Required	Y	Minor brushing
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating	136	
Road Surface	Good	Grader berm against barriers

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Good	
Caps or Sills	Good	
Piles or Posts	Unrated	Not visible
Ballast Wall	Good	
Wing Wall		
Bracing	Unrated	Not visible
Hardware		
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	Unrated	Not visible

Deck

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

Steel/Concrete

Girders	Good
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	Good

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)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.5	Ic	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Load Rating Sign

Deck

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Upstream from Crossing

Right Bank Abutment when facing downstream

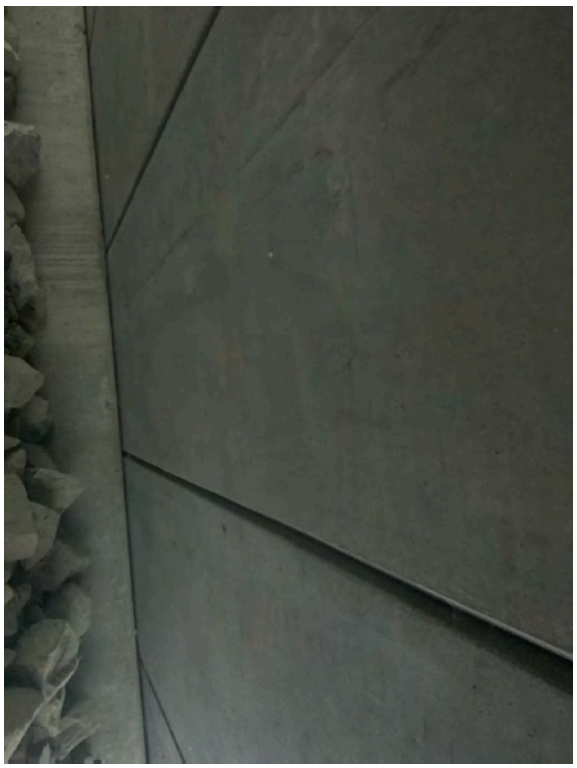
Upstream Profile

Downstream Profile

Right Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Superstructure



Left Bank Abutment when facing downstream