SQ-3035
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LILLOOET RIVER 01 0.1km

2022 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°29'27.09"	-122°58'12.5"

Crossing Name	Salmon River
FSR #	6123
Branch #	1
Road Name	LILLOOET RIVER 01
User km	0.1
Previous Load Rating (tonnes)	54
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	12.5
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
50°29'27.14"	-122°58'12.23"

HD Diff. (m)	5.4	Accuracy (m)	6

Inspection

Date of Inspection	2022-10-19 3:47:06 PM
Inspector Name	Gino Fournier
Inspector Comments	Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 25, 2022
Load Rating: L60 or 54 tonnes
Next Inspection: 2023
Comments: replace curbs

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. DOHM

PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC
2022-11-07

P.Eng Seal

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	Not needed. Nice straight approach
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Unrated	None and not needed
Posted Load Rating	54	
Road Surface	Good	Paved

Abutment

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

Deck

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

Steel/Concrete

Girders	Good
Diaphragms	N/A
Bracing	N/A
Under Trussing	N/A
Hardware	N/A
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)	.5	High Water	X	Debris	
Estimated Present Water Level Width (m)	6	Aggradation		Scour	
Estimated High Water Level Clearance (m)		Ice			

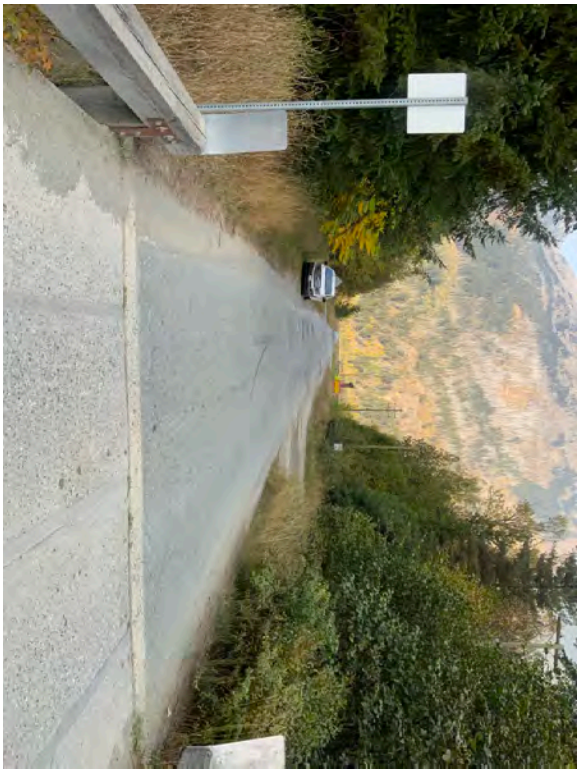
Comments: When old wooden substructure of old previous bridge collapses, fill will collapse in towards foundation. It would be good to check how deep the foundations of this bridge is.

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Curb Maintenance. # sites. Priority:High	Replace sideblock posts and rails both sides as they are fully rotten
2		
3		
4		
5		
6		
7		

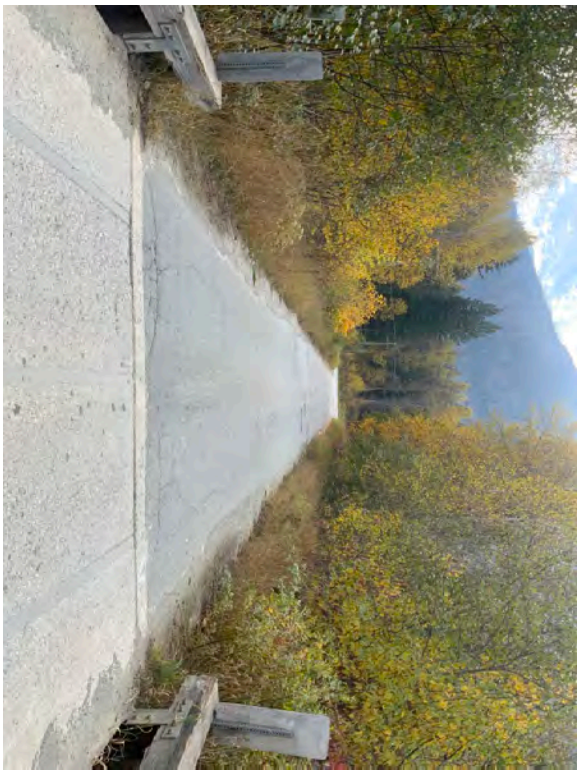
Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream



Rotten guardrails

Approach from Right Bank when facing downstream



Guard Rail

Cracked and rotten post rails

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream