SQ-3033
SQ-3033

LILLOOET WEST 70.2km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°48'15.09"	-122°13'26"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Unknown
FSR #	8407
Branch #	1
Road Name	LILLOOET WEST
User km	70.2
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)	10
Deck Width (m)	8

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5544177.5 Accuracy (m)

Inspection

Date of Inspection 2022-09-27 12:19:20 PM

Inspector Name Forrest Simpson

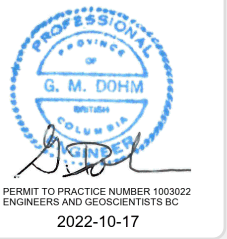
Recommended Next Inspection 2025

Inspection Company MoF

Inspector Comments Serial/ID Plate

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L150 or 136 tonnes
Next Inspection: 2025
Comments:



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

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	curve
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	N	
Delineator Missing Left	○ 0 • 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Good	Concrete no posts
Posted Load Rating	136	
Road Surface	Good	

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	Monitor left bank for underminning
Bearings	Good	
Corrosion Protection	Unrated	Not visible

Deck

Running Surface	Good
Running Planks	
Sub Deck	
Ties	
Nails	
Deck to Girder Bolts	
Concrete Deck	Good
Grout Pockets	
Deck Joints	Good
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Good
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)	0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	0	Aggradation ☐	Scour ☒
Estimated High Water Level Clearance	2.5	Ic ☐	

Comments Scour downstream from crossing

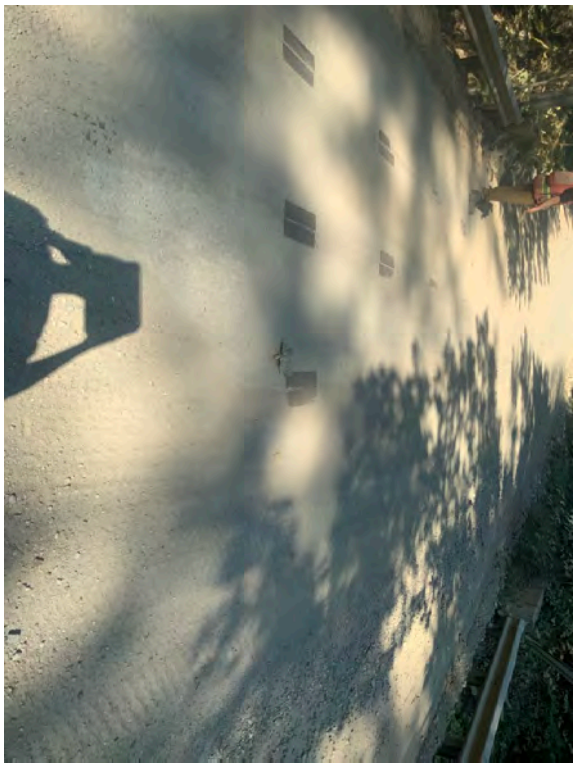
Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1	Left bank riprap for underminning	Routine Inspection
2		
3		

Approach from Left Bank when facing downstream

Deck



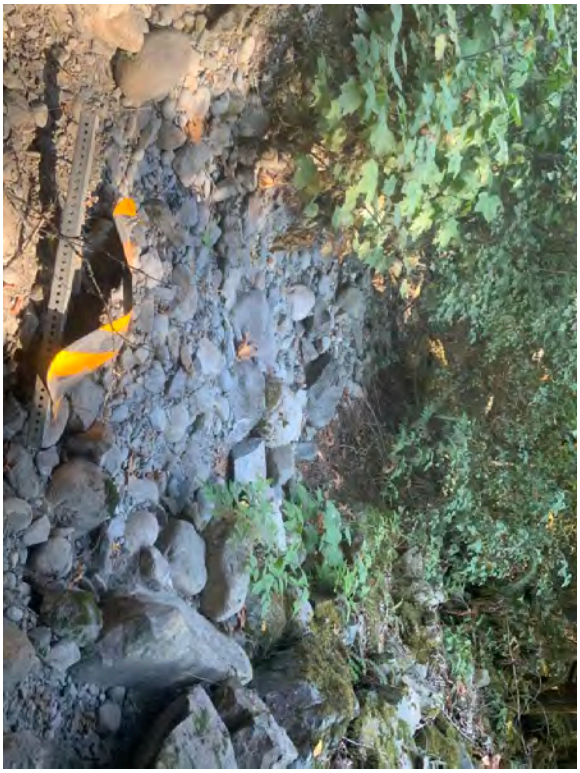
Deck

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

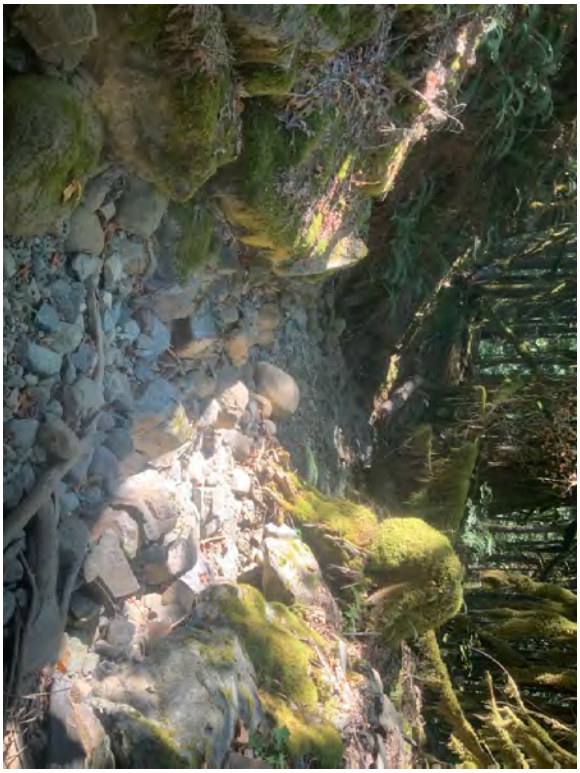
Upstream Profile

Right Bank Abutment when facing downstream

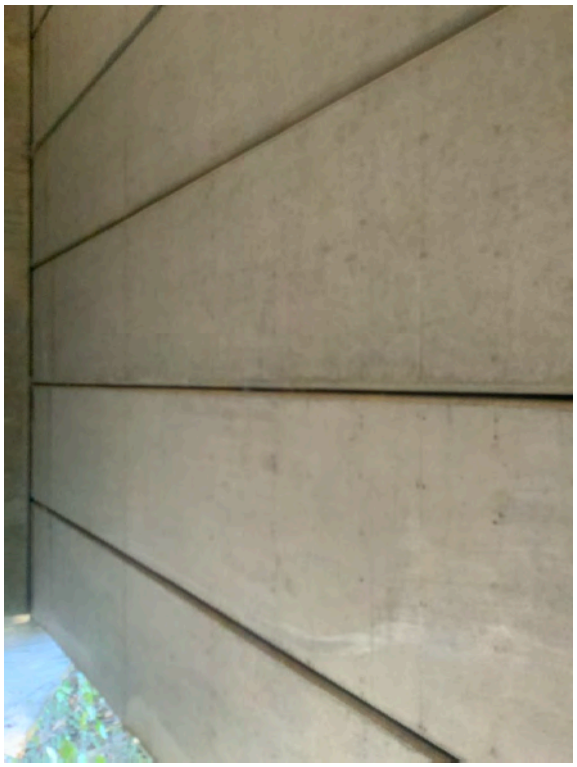


Upstream from Crossing

Downstream from Crossing

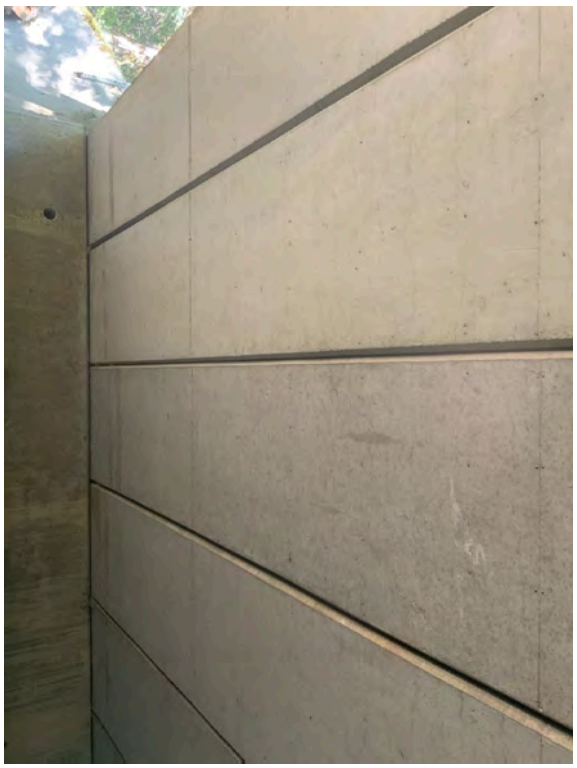


Superstructure



Left Bank Abutment when facing downstream

Superstructure



Downstream Profile