SQ-3116
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LILLOOET WEST 01 22.4km

2021 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°51'39.49"	-122°17'59.3"

Crossing Name	Trib to Lillooet River
FSR #	8407
Branch #	1
Road Name	LILLOOET WEST 01
User km	22.4
Previous Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	12.2
Deck Width (m)	4.87

Updated Data

Latitude	Longitude
49°51'39.7"	-122°17'59.55"

HD Diff. (m)	8.0	Accuracy (m)	9

Inspection

Date of Inspection	2021-08-25 1:11:27 PM	Recommended Next Inspection Year	2023
Inspector Name	Forrest Simpson	Inspection Company	FLNRORD

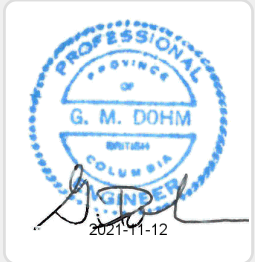
Inspector Comments

Serial/ID Plate

Bridge on active channel and rock fall zone at right approach. Add approach barriers and signage.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Nov. 12, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2023
Comments:



P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	Not mounted
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Poor	None
Posted Load Rating	150	
Road Surface	Fair	Right approach in rock fall zone

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Unrated	Log sills wrapped In geotextile, can’t access
Piles or Posts		
Ballast Wall	Fair	Retaining fill
Wing Wall		
Bracing		
Hardware	Unrated	Fill covering lag bolts
Fill	Good	
Riprap	Fair	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	Right approach in rock fall zone
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Good	
Gravel Surface		
Curb Rail/Blocks/Posts	Good	Damage at end from poor alignment
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good	Steel box asp
Diaphragms	Unrated	Steel box
Bracing	Unrated	Steel box
Under Trussing		
Hardware	Unrated	Steel box
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)	.2	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1	Ice	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Add Warning Signs. 2 # of signs. Priority:High	Add delineators
2	Approach. Approach fenders (install). 4 # of units. Priority:High	Install approach barriers
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

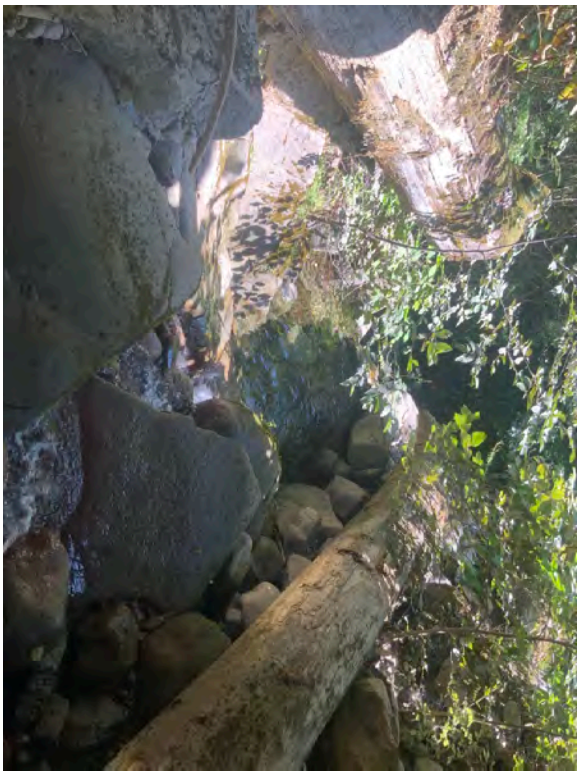
Structure ID

Right Bank Abutment when facing downstream

Upstream Profile

Bearing

Downstream from Crossing



Upstream from Crossing