SQ-3105
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FURRY CREEK 02 0km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°34'35.69"	-123°11'50.1"

Crossing Name	Phylis Creek #1
FSR #	8210
Branch #	2
Road Name	FURRY CREEK 02
User km	0
Previous Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	17.5
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°34'36.04"	-123°11'52.42"

HD Diff. (m)	47.8	Accuracy (m)	5

Inspection

Date of Inspection	2020-09-08 11:13:35 AM	Recommended Next Inspection Year	
Inspector Name	Greg Dohm	Inspection Company	FLNRORD

Inspector Comments

Serial/ID Plate

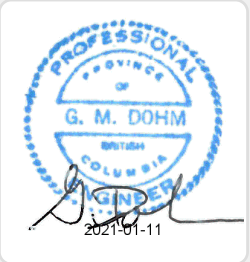
Deck has holes and is not an acceptable type of deck for railcar bridges .

Deck has holes on it and is unconventional deck. Requires timber deck replacement before next use.

Downrate to zero tonnes until deck upgraded.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: 0 tonnes
Next Inspection: 2021
Comments: Close bridge until deck upgraded and holes in deck are repaired.



P.Eng Seal

Approach

Alignment	Fair	Steep approach on woods side
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	10	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	Holds back fills. Crib bottom face log heavily undermined but still appears stable at point loads on boulders.
Tie Backs	Poor	Applies to crib holding back abutment fills
Bin Wall		
Pier		
Concrete		
Caps or Sills	Unrated	Or visible as is behind crib retaining abutments.
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill		
Riprap		
Bearings		
Corrosion Protection		

Deck

Running Surface	Poor	
Running Planks		
Sub Deck	Poor	See notes above for railcar bridge superstructure
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Deck has holes and is not an acceptable type of deck for railcar bridges
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders: Fair

Diaphragms:

Bracing: N/A

Under Trussing:

Hardware: Fair

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)

Estimated Present Water Level Width (m)

Estimated High Water Level Clearance (m)

High Water ☐ Debris ☐

Aggradation ☐ Scour ☐

Ice ☐

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Timber deck maintenance. 1 # of signs. Priority:High	Deck has holes on it and is unconventional deck. Requires timber deck replacement before next use.
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Deck

Deck

Load Rating Sign

Approach from Right Bank when facing downstream

Upstream from Crossing

Left Bank Abutment when facing downstream

Downstream from Crossing

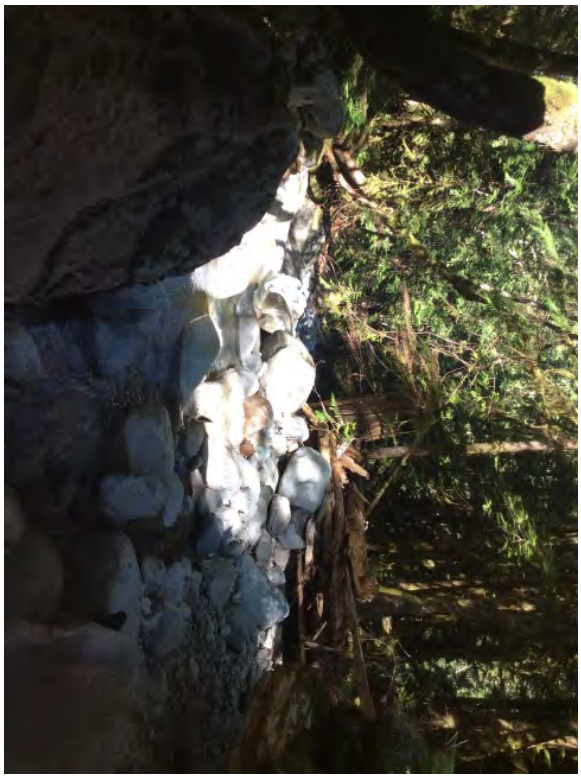
Right Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Downstream Profile

Right Bank Abutment when facing downstream

Downstream from Crossing

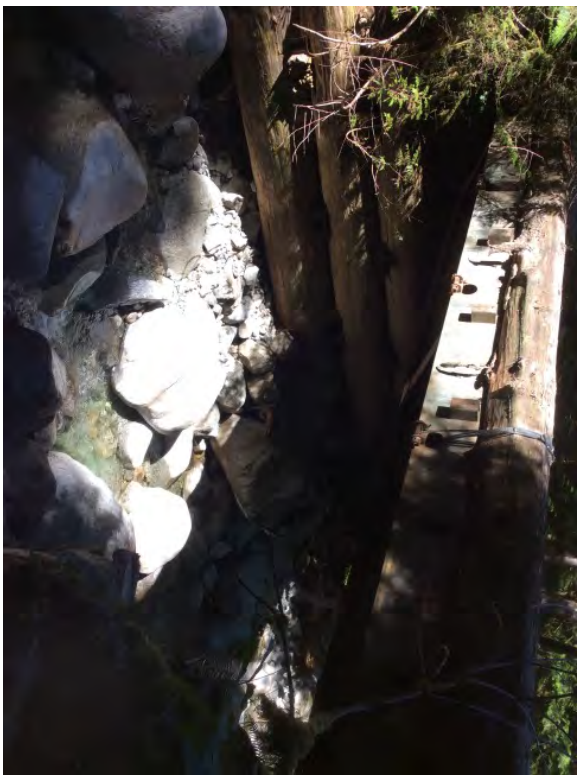


Superstructure

Upstream from Crossing

Left Bank Abutment when facing downstream

Bearing

Upstream Profile

Upstream Profile