SQ-3018
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RUTHERFORD 01 15.7km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
50°18'30.49"	-123°3'35.9"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Tributary to Rutherford Creek
FSR #	5673
Branch #	1
Road Name	RUTHERFORD 01
User km	15.7
Previous Load Rating (tonnes)	63
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Concrete Removable
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	17.2
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5600313.5	Accuracy (m)	

Inspection

Date of Inspection	2022-09-28 3:32:45 PM	Recommended Next Inspection	2024
Inspector Name	Forrest Simpson	Inspection Company	MoF

Inspector Comments Serial/ID Plate

Saw dust (from insects) noted in right bank crib logs.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 4, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2024
Comments: complete noted repairs including complete curb replacement prior to industrial use.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. DOHM

PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC
2022-10-04

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	Poor	Missing
Posted Load Rating	63	
Road Surface	Fair	Minor potholes town

Abutment

Log/Timber Cribs	Fair	
Tie Backs	Fair	
Bin Wall		
Pier		
Concrete		
Caps or Sills		
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware	Good	
Fill	Good	
Riprap	Fair	Large but poorly graded
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	Minor potholes town
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts	Good	Clips
Concrete Deck	Fair	
Grout Pockets		
Deck Joints	Fair	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	Damaged rails, rotten risers
Hand Rails/Walkouts		
Hardware	Fair	Loose rails
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Old rail cars
Diaphragms		
Bracing		
Under Trussing		
Hardware		
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)	.3	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2.2	Ic	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. . 2 . Priority:Low	
2	Approach. Add Warning Signs. 2 # of signs. Priority:High	Post delineators
3	Structure. Full Curb Replacement. . Priority:High	Replace all guard rail components
4	Approach. Approach fenders (install). 4 # of units. Priority:High	Install approach barriers
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Guard Rail

Approach from Left Bank when facing downstream

Deck

Deck

Left Bank Abutment when facing downstream

Superstructure

Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Superstructure

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Upstream Profile

Left Bank Abutment when facing downstream, saw dust.