CK-2493
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RUBY 5200A 0.15km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°22'21.39"	-121°39'43.2"

Crossing Name	Mahood Creek		
FSR #	8125	Branch #	11
Road Name	RUBY 5200A		
User km	0.15		
Previous Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		
Spans	1		
Total Length (m)	24.4		
Deck Width (m)	4.88		

Updated Data

Latitude	Longitude
49°22'20.69"	-121°39'42.97"

HD Diff. (m)	22.4	Accuracy (m)	10

L75 or 68 tonnes

Inspection

Date of Inspection	2020-08-26 11:54:59 AM	Recommended Next Inspection Year	2023
Inspector Name	Tyson Miller	Inspection Company	FLNRORD

Inspector Comments

P.Eng Comments

Brush approaches and monitor steel deck deformations. The current load rating of L75 or 68 tonnes to continue.

2021-01-12

P.Eng Seal

Approach

Alignment	Fair	HC and VC both apprpaches
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2	
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2	
Fender Condition	Good	
Posted Load Rating	68	
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Good	2x right bank, 1x left bank
Caps or Sills	Good	Treated timbers
Piles or Posts		
Ballast Wall	Good	Old logs
Wing Wall	Good	Only downstream right bank
Bracing	Good	Geogrid between lock blocks on right bank
Hardware		
Fill	Good	
Riprap	Good	Round but functioning well
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Fair	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate	Fair	Minor deformations along wheel path and mainly all anti skid worn off
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Good	Very minor corrosion throughout
Diaphragms	Unrated	Inside box beams
Bracing	Unrated	Inside box beams
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)	0.3	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	4.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

Approach from Left Bank when facing downstream

Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

Approach from Right Bank when facing downstream

Minor deck deformation noted on wheel path

Load Rating Sign

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Superstructure

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Structure ID

Downstream Profile

Upstream Profile