CK-2011
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BLUE MOUNTAIN 300 0.1km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°14'12.99"	-122°27'43.6"

Crossing Name	Copper Creek
FSR #	5913
Branch #	2
Road Name	BLUE MOUNTAIN 300
User km	0.1
Previous Load Rating (tonnes)	10
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Treated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	8
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°14'12.06"	-122°27'43.07"

HD Diff. (m)	31.0	Accuracy (m)	5

10 tonnes

Inspection

Date of Inspection	2020-06-11 9:37:54 AM
Inspector Name	Tyson Miller

Recommended Next Inspection Year: 2022

Inspection Company:

Inspector Comments

P.Eng Comments

The 2 cross ties that have sheared at the downstream girder connection point, approximately 3m from the town bearing location, still have not been replaced. Until these these ties are replaced there should NOT be any industrial activity over this bridge. Replace the missing delineators, post bridge ahead signs, remove sediment from deck and brush approaches. The current load rating of 10 tonnes to continue, post load rating signs.

2020-12-02

P.Eng Seal

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	○ 0 ○ 1 ● 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Fair	Old logs
Posted Load Rating		Not posted
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Good	3 lock blocks per abutment
Caps or Sills	Fair	Upstream right bank has hairline crack
Piles or Posts		
Ballast Wall	Good	Creosote timbers
Wing Wall		
Bracing		
Hardware	Good	
Fill	Fair	
Riprap	Poor	None in front of either abutment
Bearings	Good	
Corrosion Protection		

Deck

Running Surface		
Running Planks	Fair	
Sub Deck		
Ties	Poor	2 cracked ties at downstream left bank
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Poor	sagging at center span due to failed cross ties
Hand Rails/Walkouts		
Hardware	Fair	
Overall Deck Condition	Poor	Due to 2 cracked ties
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Painted girders
Diaphragms	Fair	
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)	0.2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	2.5	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.2	Ice ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Structure. Major redecking (crossties or laminated deck). m. Priority:High	Replace 2 cracked ties
2	Approach. Add Warning Signs. # of signs. Priority:High	Post rating signs and bridge approach signs at both approaches
3	Approach. Area/sight line brushing. m². Priority:Low	Brush approaches
4	Structure. Clean Deck. # of delineators. Priority:Medium	Remove sediment from deck
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Upstream from Crossing

Approach from Right Bank when facing downstream

Deck

Guard Rail

Downstream from Crossing

2 cracked ties just outside downstream girder

Approach from Left Bank when facing downstream

Left Bank Abutment when facing downstream

Superstructure

Right Bank Abutment when facing downstream

Upstream right bank sill condition