CK-2452
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NORRISH 7.1km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°13'58.5"	-122°8'9.2"

Crossing Name	Rose Creek
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	7.1
Previous Load Rating (tonnes)	150
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m) 5480583.3 Accuracy (m)

L165 or 150 tonnes

Inspection

Date of Inspection 2020-05-27 9:41 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Reattach the upstream right bank bull nose to the concrete barriers. Brush and grade approaches. Monitor the condition of both abutments. The current load rating of L165 or 150 tonnes to continue.

2020-12-02

P.Eng Seal

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	0	
Brushing Required	Y	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Good	Upstream right approach bull nose not connected
Posted Load Rating	149700	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	3x face logs with up to 50mm sap rot onto top of CIP on left bank
Tie Backs	Fair	4x under top face log and 3x under 2nd face log, all with end splits
Bin Wall		
Pier		
Concrete	Fair	CIP left bank with vertical crack under the upstream girder - no apparent change from old inspections. Lock blocks on right bank - some have spalls and others have visible cold joints
Caps or Sills	Fair	Single log sill on top of lock blocks with up to 60mm sap rot
Piles or Posts		
Ballast Wall	Fair	
Wing Wall		
Bracing		
Hardware	Good	
Fill	Fair	
Riprap	Poor	None in front of either abutment
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Fair	wear on wheel path
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Painted steel box girders
Diaphragms	Fair	2 painted bays
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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	15.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments: Upstream left bank CIP is scoured and vertical crack directly under upstream girder

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Approach surfacing grading. m. Priority:Low	Grade approaches
2	Approach. Approach fenders (re-Install). # of units. Priority:Low	Reattach upstream right approach bull nose
3	Low	Brush approaches
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Abutment condition		Every Routine Inspection
2			
3			

Approach from Right Bank when facing downstream

Deck

Upstream right approach bull nose

Upstream from Crossing

Downstream from Crossing

Right Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Scour under upstream left bank CIP

Vertical crack in CIP directly under upstream girder

Scour under upstream left CIP

Left Bank Abutment when facing downstream

Lock block on right bank abutment

Superstructure

Lock block condition at right bank abutment

Lock block condition at right bank abutment