CK-2452	NORRISH CREEK 7.1km	2018 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°13'58.5"	-122°8'9.24"

Crossing Name	Rose Creek
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	7.1
Current 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
49°13'58.59"	-122°8'9.76"

HD Diff. (m)	10.8	Accuracy (m)	10

L165 or 150 tonnes

Inspection

Date of Inspection	2018-08-21 9:22:30 AM	Recommended Next Inspection Year	2020
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Reconnect concrete bullnose at upstream right approach and brush approaches. Current load rating of L165 or 150 tonnes to continue.

P.Eng Seal

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Approach

Alignment	Fair	HC and VC right approach
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	Upstream right approach bullnose not connected
Posted Load Rating	149700	
Road Surface	Good	

Abutment

Log/Timber Cribs	Fair	Left bank large dia. Cw 3x closed face with up to 50mm sap rot
Tie Backs	Fair	3 on bottom log and 4 under girders, all with end splits and rot
Bin Wall		
Concrete	Fair	CIP left bank with vertical crack under upstream girder, no apparent change. Precast and lock blocks right bank. Blocks are spalling throughout and some have visible cold joints
Caps or Sills	Fair	Log sill right bank with 60mm sap rot
Piles or Posts		
Ballast Wall	Fair	Logs
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	Some wear noted on wheel path
Grout Pockets	Good	
Deck Joints	Good	
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders	Fair	Painted steel box girders
Diaphragms	Fair	2 bays, painted
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)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Reconnect upstream right approach bullnose
2	Medium	Brush approaches
3		

Item	Monitor Description	Frequency
1	Abutment condition	Anually
2		
3		

Sketch
(Select Signature)

Approach from Right Bank when facing downstream

Bullnose not connected at upstream right approach

Load Rating Sign

Deck

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Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

Right Bank Abutment when facing downstream

Approach from Left Bank when facing downstream

Right bank log sill condition

Superstructure

Lock block condition

Lock block condition

Scour under CIP extends 600mm in places

Vertical crack in CIP

Log crib condition