SC-8101	RAINY RIVER 0.71km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°34'38.49"	-123°30'19.9"

Crossing Name	Not Known
FSR #	7590
Branch #	2
Road Name	RAINY RIVER
User km	0.71
Previous Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Treated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	16
Deck Width (m)	3.8

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5518926.6	Accuracy (m)	

Inspection

Date of Inspection	2019-10-15 3:07:50 PM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments Serial/ID Plate

Pickup only. Plan for replacement soon

P.Eng Comments

Load Rated by: MFLNRO Richard Mills P.Eng., Mar 9th, 2020
Load Rating: 5 tonnes
Next Inspection: 2020
Comments: Scheduled for replacement in 2020

P.Eng Seal

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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	Poor	Missing
Posted Load Rating	5	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Poor	Old, scoured, undermined
Tie Backs	Poor	Rotting
Bin Wall	N/A	
Pier		
Concrete	N/A	
Caps or Sills	N/A	
Piles or Posts	N/A	
Ballast Wall	N/A	
Wing Wall	N/A	
Bracing	N/A	
Hardware	N/A	
Fill	Good	
Riprap	Poor	Missing on right
Bearings	Fair	
Corrosion Protection	N/A	

Deck

Running Surface	Poor	
Running Planks	Poor	Rotten
Sub Deck	N/A	
Ties	Poor	Rotten
Nails	Poor	Exposed in places
Deck to Girder Bolts	Unrated	Unable to see
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Rotten deck
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Poor	Old railcar
Diaphragms	N/A	
Bracing	N/A	
Under Trussing		
Hardware	N/A	
Welded/grouted shear connectors	N/A	

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)	1.0	High Water	X	Debris	X
Estimated Present Water Level Width (m)	3.0	Aggradation		Scour	X
Estimated High Water Level Clearance (m)	4.0	Ice			

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Deck

Upstream Profile

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Deck