CK-2262	STAVE RIVER 10.5km	2015 Inspection

CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°29'7.8"	-122°15'5.2"

Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE RIVER		
User km	10.5		
Current Load Rating (tonnes)	30		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	11		
Deck Width (m)	4.5		

Updated Data

Latitude	Longitude
49°29'5.31"	-122°15'3.32"

HD Diff. (m)	85.8	Accuracy (m)	5

Inspection

Date of Inspection	2015-09-22 3:24:01 PM		
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

This structure has 2 layers of log stringers and only the bottom layer can be properly assessed. The top layer were added in 2012 as a temporary measure in order to facilitate works at the time. The entire structure (crib logs, tiebacks and stringers) has further deteriorated since then. Because the top layer of stringers have not been properly inspected the structure remains down-rated. Present load rating of 30 tonnes to continue. Post load rating sign.

P.Eng Seal

Approach

Alignment	Fair	VC both approaches
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	N	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Poor	none
Posted Load Rating		not posted
Road Surface	Good	

Abutment

Log/Timber Cribs	Fair	fair to poor
Tie Backs	Fair	fair to poor
Bin Wall	N/A	
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	Fair	
Fill	Fair	
Riprap	Poor	none
Bearings	Fair	
Corrosion Protection	N/A	

Deck

Running Surface	N/A	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	Fair	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	Poor	loose lashing
Overall Deck Condition	Fair	
Gravel Depth (mm)	200	

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware N/A NA

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
1	Cw	Y	900	100	Fair	
2	Cw	Y	750	50	Fair	lots of large knots
3	Cw	Y	650	40	Fair	
4	Cw	Y	800	250	Poor	heart rot
5	Cw	Y	720	60	Fair	
6	Cw	Y	680	40	Fair	lots of large knots
7	Cw	Y	800	60	Fair	

Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☒
Estimated Present Water Level Width (m)	10.0	Aggradation	☒
Estimated High Water Level Clearance (m)	0	Ice	☐
		Debris	☒
		Scour	☒

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	remove gravel to properly assess top row of stringers
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream

Right Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream