

CK-2266

STAVE RIVER 16.8km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
49°31'50.9"	-122°16'40.7"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE RIVER		
User km	16.8		
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)	8		
Deck Width (m)	5		

Updated Data

Latitude	Longitude	
°0'0"	-122°16'40.7"	
HD Diff. (m)	5513744.1	Accuracy (m)

Inspection

Date of Inspection 2015-09-22 1:14:47 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

This structure has 2 layers of 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.



11/01/2016

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs Fair 2x

Tie Backs Fair 3x

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

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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	Fair	lashing
Overall Deck Condition	Fair	
Gravel Depth (mm)	200	

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)		
	Species	Peeled		Rot Depth (mm)	Condition	Comment
1	Fd	Y	480	240	Poor	conks everywhere - rotten
2	Fd	Y	510	150	Poor	rotten
3	Fd	Y	730	30	Fair	
4	Fd	Y	630	50	Fair	
5	Fd	Y	500	30	Fair	
6	Fd	Y	520	40	Fair	
7	Fd	Y	560	30	Fair	
8	Fd	Y	730	60	Poor	conks noted
9	Fd	Y	630	100	Poor	pocket rot detected
10	Fd	Y	600	100	Poor	pocket rot detected
11	Fd	Y	560	280	Poor	conks everywhere - rotten

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Hazards

Estimated Present Water Level Depth (m) 0 High Water ☐ Debris ☐

Estimated Present Water Level Width (m) 0 Aggradation ☐ Scour ☐

Estimated High Water Level Clearance (m) 0 Ice ☐

Comments dry crossing - WBC 50 meters woods side is taking all the flow and is subsequently undersized

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 High remove gravel deck and properly assess top row of stringers

2 High post load rating sign

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



log stringer exposed



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream