

CK-2265

STAVE RIVER 13.2km

2016 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude		
49°30'15"	-122°15'55.7"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE RIVER		
User km	13.2		
Current Load Rating (tonnes)	30		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Log Stringers		
Deck Type	Gravel		
Abutment Left	Sill -Temporary Materials		
Abutment Right	Sill -Temporary Materials		
Spans	1		
Total Length (m)	8.5		
Deck Width (m)	5.2		

Updated Data

Latitude	Longitude		
49°30'15.86"	-122°15'57.81"		
HD Diff. (m)	49.9	Accuracy (m)	5

Inspection

Date of Inspection 2015-09-22 1:58:20 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.



07/01/2016

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 3x left, 2x right

Tie Backs Fair 4x

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	Poor	loose lashing
Overall Deck Condition	Fair	
Gravel Depth (mm)	300	

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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

Stringer Number	Needle Beam to Crib (m)		Diameter (mm)	Needle Diameter (mm)			Comment
	Species	Peeled		Rot Depth (mm)	Condition		
1	Cw	Y	600	40	Fair		sap rot
2	Cw	Y	750	50	Fair		sap rot
3	Cw	Y	650	50	Fair		sap rot
4	Cw	Y	750	60	Fair		sap rot
5	Cw	Y	700	50	Fair		sap rot
6	Cw	Y	800	60	Fair		large knots and sap rot
7	Cw	Y	700	50	Fair		sap rot

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

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

2	High	post load rating sign
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)

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2015 Inspection



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream

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2015 Inspection



Downstream Profile