

CK-2265

STAVE 12km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°30'15.9"	-122°15'57.8"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE		
User km	12		
Current Load Rating (tonnes)	10		
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°30'16.23"	-122°15'58.8"		
HD Diff. (m)	22.5	Accuracy (m)	5

10 tonnes

Log Crib

Log Crib

Inspection

Date of Inspection 2019-01-15 10:51:34 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

This structure has 2 layers of stringers. The top layer cannot be inspected as they are blocked from view on the top and bottom. The downstream outside top stringers have conk visible

P.Eng Comments

Fruiting bodies or conk are now visible on the outside top layer of stringers (visible on downstream end). Without the top layer of stringers being visible for a more thorough inspection all stringers are assumed to be degrading similar to that of the outside ones. Current load rating of 10 tonnes to continue and plan to replace the structure soon. Post load rating signs and place properly sized curb logs.



05/02/2019

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 open face, old and rotting

Tie Backs Poor old and rotting/saturated

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Poor Loose lashing

Fill Fair

Riprap Poor None

Bearings

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface	Fair	
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Curb Rail/Blocks/Posts	Poor	Too low
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Hand Rails/Walkouts

Hardware

Overall Deck Condition	Poor	Due to curb condition
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Gravel Depth (mm)	200	
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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

NA

Welded/grouted
shear connectors

Log

Log Curbs Poor Too low

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	590	40	Fair	Sap rot
2	Cw	Y	750	40	Fair	Sap rot
3	Cw	Y	650	120	Poor	Sap rot and heart rot
4	Cw	Y	740	60	Fair	Sap rot
5	Cw	Y	700	40	Fair	Sap rot
6	Cw	Y	800	40	Poor	Sap rot
7	Cw	Y	700	100	Poor	Sap rot

Bottom stringers

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	4.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair
Item Priority Repair Description

1 High Post load rating

2 Medium Place properly sized curb logs

3

Item Monitor Description Frequency

1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Top layer of stringer have conk noted



Upstream Profile



Aggradation