

CK-2263

STAVE 10.3km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°29'29.29"	-122°15'22.4"		
Crossing Name	Side Creek		
FSR #	8013	Branch #	1
Road Name	STAVE		
User km	10.3		
Previous Load Rating (tonnes)	20		
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)	11.4		
Deck Width (m)	5		

Updated Data

Latitude	Longitude		
49°29'29.18"	-122°15'23.37"		
HD Diff. (m)	19.9	Accuracy (m)	5
10 tonnes			

Inspection

Date of Inspection 2019-11-04 10:31:29 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

The entire structure is in poor condition. The stringers are old, fruiting bodies are present, the top crib log is cracked and settling throughout, and the tiebacks are all splitting and rotting at the ends. Curb logs are missing.

P.Eng Comments

If the structure is being used place log curbs to be consistent with OH&S Regulation 26.81 for Bull Rails. Limit loading to 10 tonnes. Post load rating signs and replace the entire structure soon.



P.Eng Seal

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Approach

Alignment Good

small 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 Poor

3x left bank with horizontal cracking on top log, 1x right bank

Tie Backs Poor

4x, rotten and end splitting

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Poor

None

Bearings Poor

Uneven bearing as top log cracked and settling

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

Curb Rail/Blocks/Posts Poor None

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor No guardrail

Gravel Depth (mm) 500

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Poor None

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Cw	Y	800	40		
2	Cw	Y	900	30		Fruiting bodies present
3	Cw	Y	820	40		
4	Cw	Y	910	30		
5	Cw	Y	850	30		
6	Cw	Y	700	40		

All stringers old and not completely accessible at both abutments
 Log crib in poor condition
 Limit loading and replace structure soon for continual use

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments No change from last year

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Install curb logs or remove and replace bridge

2	High	Post load rating signs
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



No guardrail



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



Top face log horizontally cracked



Upstream Profile



Stringer 2 condition



Right Bank Abutment when facing downstream