

CK-2263

STAVE 10.3km

2018 Inspection

CBR iPad Offline Ver 0.28



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
Current 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°29'28.87"	-122°15'22.71"
HD Diff. (m)	14.6
Accuracy (m)	5

20 tonnes

Inspection

Date of Inspection 2019-01-15 9:55:50 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

If the structure is being used place log curbs to be consistent with OH&S Regulation 26.81 for Bull Rails. Current load rating of 20 tonnes to continue. Post load rating signs and replace the structure soon.



04/02/2019

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 Poor Cracked top face log on left bank with 150mm of settlement

Tie Backs Poor Rotting and splitting

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Poor Loose lashing

Fill Fair

Riprap Poor None

Bearings Poor Top face log settling with uneven bearing

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 Due to curbs

Gravel Depth (mm) 400

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**Steel/Concrete**

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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

The structure is visibly in poor condition

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Hazards

Estimated Present Water Level Depth (m)	1.0	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments All stringers have sap rot

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Post load rating sign
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2	High	Place curb logs
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Downstream from Crossing



Deck



Upstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Top face log on left abutment cracked and settling



Downstream Profile

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Approach from Left Bank when facing downstream