

CK-2270

STAVE RIVER 22.2km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°33'52.2"	-122°20'30"
Crossing Name	Side Creek
FSR #	8013 Branch # 1
Road Name	STAVE RIVER
User km	22.2
Current Load Rating (tonnes)	41
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	18.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°33'52.74"	-122°20'30.18"
HD Diff. (m)	17.1 Accuracy (m) 5

Inspection

Date of Inspection 2017-09-14 2:15:42 PM

Recommended Next Inspection Year 2019

Inspector Name Michael Foster

Inspection Company Onsite Engineering Ltd

Inspector Comments

Overall no major issues. Poor vertical road alignment due to overtop.

P.Eng Comments

Replace rotten section (hole in deck) of deck plank. Present load rating of L45 or 41 tonnes to continue. I recommend a complete replacement prior to industrial use. Post load rating sign.



26/01/2018

P.Eng Seal

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Approach

Alignment Fair

Bridge on a rise due to overtopping old log bridge

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 installed. Grader berm only.

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware N/A

Fill

Riprap

Bearings

Corrosion Protection

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**Deck**

Running Surface Fair

Running Planks Fair Small hole in right end deck panel

Sub Deck N/A

Ties Fair

Nails Fair

Deck to Girder Bolts Fair

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate WO2573 Jan 08 L75

Girders Good

Diaphragms Unrated Can't see

Bracing Unrated Can't see

Under Trussing N/A

Hardware Unrated Can't see

Welded/grouted
shear connectors N/A**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

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments Measured to underside of log bridge.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Post load rating sign .
2	High	Replace rotten/missing section of plank - 100mm x 250mm x 3.05m
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Right approach viewed from bridge



Left approach viewed from bridge



Approach from Right Bank when facing downstream



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Structure Or Manufacturer ID



Upstream from Crossing



Deck



Downstream from Crossing