

CK-2264

STAVE RIVER 11.9km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°30'13.29"	-122°15'50.8"
Crossing Name	Side Creek
FSR #	8013 Branch # 1
Road Name	STAVE RIVER
User km	11.9
Current Load Rating (tonnes)	30
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)	7.5
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°30'13.36"	-122°15'51.96"
HD Diff. (m)	23.3 Accuracy (m) 5

Inspection

Date of Inspection 2017-09-14 11:38:39 AM

Inspector Name Michael Foster

Inspector Comments

Replace for industrial use. Continue with 30T load rating.
Possible 2nd layer of stringers hidden in Fill.

Recommended Next Inspection Year 2018

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Present load rating of 30 tonnes to continue. Replace structure soon. Post load rating sign.



26/01/2018

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 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None installed

Posted Load Rating None posted

Road Surface Good

Abutment

Log/Timber Cribs Poor Old and rotten. Open faced crib

Tie Backs Poor Old and rotten.

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 Poor Lashing is loose

Fill Good

Riprap Poor None installed, old bridge

Bearings N/A

Corrosion Protection N/A

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Deck

Running Surface Fair

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 Good

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm) .7

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Fair

Curb logs installed but not visibly fastened to guard logs below

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1	Cw	Y	650	40	Fair	Sap rot
2	Cw	Y	550	30	Fair	Sap rot
3	Cw	Y	650	30	Fair	Sap rot
4	Cw	Y	600	30	Fair	Sap rot
5	Cw	Y	550	30	Fair	Sap rot
6	Cw	Y	550	30	Fair	Sap rot
7	Cw	Y	570	30	Fair	Sap rot
8	Cw	Y	600	40	Fair	Sap rot

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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1	Medium	Replace structure for industrial loading.
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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)



Left approach viewed from bridge



Approach from Left Bank when facing downstream



Right approach viewed from bridge



Downstream Profile



Left Bank Abutment when facing downstream



Stringers



Right Bank Abutment when facing downstream



Upstream Profile