

CK-2263

STAVE RIVER 11.4km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°29'28.1" -122°15'21.6"

Road Name STAVE RIVER
User km 11.4
Current Load Rating (tonnes) 5
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°15'22.96"

HD Diff. (m) 36.1 Accuracy (m) 5

Stave River
11.4

10 tonnes

Temporary Bridge
N

Log Stringer

Gravel

Crib, Log or Untreated Timber

Crib, Log or Untreated Timber

1

11.5

5.0

Inspection

Date of Inspection 2014-12-02 9:19:51 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

The structure is in poor shape and the stringers could not be assessed at the ends due to debris accumulations. Limit loading to 10 tonnes, please post load rating sign. Place fenders, curbs and post bridge ahead signs. Monitor debris accumulations.



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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 fair to poor, left top crib log has horizontal crack

Tie Backs Poor old and splitting

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Poor none

Bearings Fair fair to poor due to left abutment crib

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Corrosion Protection N/A

Deck

Running Surface N/A

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 Poor none

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to a lack of rails

Gravel Depth (mm)

500

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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)

Comment

1	Cw	Y	750	80	sap rot - large diameter knots and could only drill middle of stringer
2	Fd	Y	910	80	sap rot - could only drill middle of stringer
3	Cw	Y	830	80	sap rot - could only drill middle of stringer - micellium noted
4	Cw	Y	900	50	sap rot - could not drill ends due to stream depth and debris
5	Cw	N	860	70	sap rot - large knots
6	Cw	Y	760	70	sap rot

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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 large amount of debris under structure

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	place curbs and fenders
2	Medium	post bridge ahead signs
3	HIGH	post load rating sign

Monitor Item

Monitor Description

Monitoring Frequency

1	debris buildup	Anually
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream Profile



Downstream Profile

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



top crib log on left abutment has horizontal crack