

CK-2331

STAVE RIVER 5.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°27'42.99" -122°13'11"

Road Name STAVE RIVER
User km 5.1
Current Load Rating (tonnes) 27
Structure Class Temporary Bridge
Portable N
Superstructure Timber - untreated 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) 6

Updated Data

Latitude Longitude
49°27'41.46" -122°13'11.32"
HD Diff. (m) 47.9 Accuracy (m) 5
Stave River
5.1
L30 or 27 tonnes
Temporary Bridge
N
Log Stringer
Gravel
Crib, Log or Untreated Timber
Crib, Log or Untreated Timber
1
7.3
6.2

Inspection

Date of Inspection 2014-12-02 12:25:58 PM

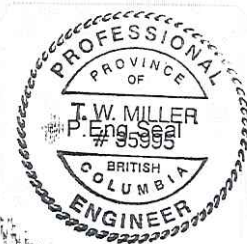
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Present load rating of L30 or 27 tonnes to continue. Bridge components onsite for replacement, replace structure prior to any industrial activity.



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Approach

Alignment Fair

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

Tie Backs Fair

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware Poor loose lashing

Fill Fair

Riprap Poor none

Bearings Fair

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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 Fair

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm) 200

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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
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1	Cw	Y	670	40	sap rot
2	Cw	Y	560	30	sap rot
3	Cw	Y	640	50	sap rot
4	Cw	Y	750	40	sap rot
5	Cw	Y	630	100	sap and heart rot
6	Cw	Y	570	30	sap rot
7	Cw	Y	640	70	sap and pocket rot detected
8	Cw	Y	630	30	sap rot
9	Cw	Y	760	150	sap and heart rot

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Hazards

Estimated Present Water Level Depth (m) 0.3

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.5

Aggradation ☒Scour ☒

Estimated High Water Level Clearance (m) 0.5

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Downstream Profile



Upstream Profile