

CK-2260

STAVE RIVER 4.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°27'14.4" -122°13'8"

Road Name STAVE RIVER
User km 4.1
Current Load Rating (tonnes) 68
Structure Class Permanent Bridge
Portable N
Superstructure Steel I-beam
Deck Type Concrete Composite
Abutment Left Steel Pipe and Precast Pad
Abutment Right Steel Pipe and Precast Pad
Spans 1
Total Length (m) 21.3
Deck Width (m) 4.9

Updated Data

Latitude Longitude
49°27'14.09" -122°13'8.62"
HD Diff. (m) 15.7 Accuracy (m) 5
Stave River
4.1
L75 or 68 tonnes
Permanent Bridge
N
Steel I-beam
Concrete Composite
Steel Pipe and Precast Pad
Steel Pipe and Precast Pad
1
21.3
4.9

Inspection

Date of Inspection 2014-12-02 1:25:29 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Post bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



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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 Good

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair

Wing Wall N/A

Bracing Fair

Hardware N/A

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection Good

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 Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten risers and blocks

Hand Rails/Walkouts N/A

Hardware Poor loose rail bolts

Overall Deck Condition Poor due to rail

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 5 bays

Bracing Good

Under Trussing N/A

Hardware Good

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)	Comment
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Hazards

Estimated Present Water Level Depth (m) 1.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace guardrail, risers and bolts
2	Medium	post bridge ahead signs
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



Right Bank Abutment when facing downstream



superstructure

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Structure ID



Left Bank Abutment when facing downstream