

CK-2417

STAVE RIVER 13.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°30'14.9"	-122°15'54.7"
Road Name	STAVE RIVER
User km	13.1
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	10
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°30'15.15"	-122°15'54.82"
HD Diff. (m)	8.2
Accuracy (m)	5
Stave River	
11.9	
30 tonnes	
Permanent Bridge	
N	
Concrete Slab Girders	
Concrete	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
10.0	
4.3	

Inspection

Date of Inspection 2014-11-17 1:00:15 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace guardrail, risers and blocks. Post bridge ahead signs and replace the joint seals between the concrete slabs. Limit loading to 30 tonnes until the work noted is complete. Post load rating signs.



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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 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 Good integrated cap wall combo

Piles or Posts Unrated buried

Ballast Wall Good

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Fair

Bearings Good

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Corrosion Protection

Unrated

buried

Deck

Running Surface

Fair

sediment on deck

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

N/A

Deck Joints

N/A

Steel Deck Plate

N/A

Gravel Surface

N/A

Curb Rail/Blocks/Posts

Poor

rotten and broken

Hand Rails/Walkouts

N/A

Hardware

Poor

loose rail

Overall Deck Condition

Poor

due to rail

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

4 slabs - independent

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

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) 0.2

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 2.5

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 blocks
2	Medium	replace slab joint filler with approved manufacturer paraseal
3	Medium	post bridge ahead signs

Monitor Item

Monitor Description

Monitoring Frequency

1	monitor spalling concrete underside of slab 2	routine inspection
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Guard Rail



Deck



Downstream Profile

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Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



spalling under slab 2