

CK-2269

STAVE RIVER 21.6km

2015 Inspection



CBR iPad Offline Ver 0.21

CBR Data

Latitude	Longitude
49°33'16.89"	-122°19'19"
Crossing Name	Stave River
FSR #	8013
Branch #	1
Road Name	STAVE RIVER
User km	21.6
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	19.5
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	-122°19'19"
HD Diff. (m)	5516403.3
Accuracy (m)	

Inspection

Date of Inspection 2015-09-22 11:47:22 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Post bridge ahead signs and reposition the right approach concrete no post barriers. There hasn't been any change in the left bank abutment noted but it still requires monitoring as it is 29 years old. Present load rating of L75 or 68 tonnes to continue.



12/01/2016

P.Eng Seal

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Approach

Alignment Fair

HC left approach

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs Fair 4x left bank

Tie Backs Fair

Bin Wall N/A

Concrete N/A

Caps or Sills Fair timbers on both abutments

Piles or Posts N/A

Ballast Wall Fair timbers

Wing Wall Fair fair to poor

Bracing N/A

Hardware Fair

Fill Fair

Riprap Good BR

 Bearings Fair left downstream abutment has settled and requires monitoring

Corrosion Protection N/A

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Deck

Running Surface	N/A	
Running Planks	Fair	
Sub Deck	N/A	
Ties	Fair	
Nails	Fair	
Deck to Girder Bolts	Fair	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	Fair	fair to poor - loose lashing
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair

4 painted steel I beams

Diaphragms Fair

different size then bracing

Bracing Fair

Under Trussing N/A

Hardware Fair

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m) 2.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

monitor left bank abutment

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium reposition right approach CNPs

2

3

Item

Monitor Description

Frequency

1 left bank abutment

annual

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream

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left downstream wing wall



superstructure



Left Bank Abutment when facing downstream