

CK-2417

STAVE RIVER 13.1km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°30'14.9"	-122°15'54.7"
Crossing Name	not known
FSR #	8013
Branch #	1
Road Name	STAVE RIVER
User km	13.1
Current Load Rating (tonnes)	30
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°30'14.6"	-122°15'54.36"
HD Diff. (m)	11.4
Accuracy (m)	5

Inspection

Date of Inspection 2017-09-14 11:28:10 AM

Inspector Name Michael Foster

Inspector Comments

Replace guardrails and deck joint sealant

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Replace guardrail, risers and blocks. Replace the joint seals between each concrete slab. Present load rating of 30 tonnes to continue - post load rating sign.



26/01/2018

P.Eng Seal

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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 Fair Concrete no posts

Posted Load Rating

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Fair

Fill Good

Riprap Fair

Bearings Fair

Corrosion Protection N/A

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**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	N/A	
Deck Joints	Poor	Missing bituminous sealant on most joints
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Missing and damaged risers, rotten guardrails
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate

Girders Fair

Independent slabs

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A

No 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)

Condition

Comment

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Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.1	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace guardrails for industrial use
2	Medium	Replace joint sealant.
3	High	Post load rating sign

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Left approach viewed from bridge



Guard Rail



Right approach viewed from bridge



Approach from Left Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile

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Approach from Right Bank when facing downstream