

CK-2220

PITT RIVER 12.1km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°38'.7"	-122°39'59"
Crossing Name	not known
FSR #	8394
Branch #	1
Road Name	PITT RIVER
User km	12.1
Current Load Rating (tonnes)	109
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)	17.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°38'.09"	-122°39'58.42"
HD Diff. (m)	22.2
Accuracy (m)	5

Inspection

Date of Inspection 2017-09-15 8:22:37 AM

Inspector Name Michael Foster

Inspector Comments

No major concerns.
Appears to have lots of riprap so minor erosion is not a concern.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering Ltd

P.Eng Comments

Present load rating of L120 or 109 tonnes to continue.



23/01/2018

P.Eng Seal

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Approach

Alignment Excellent

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Concrete noposts

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 N/A

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Poor

None visible at top of towers

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts Good Composite bridge

Concrete Deck Good Flares on right side up and downstream

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good New timbers

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate Serial number 01602. L120

Girders Good

Diaphragms Good

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)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.5	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	0.8	Ice	☐		

Comments Unable to tell if right side riprap in stream is from installation or erosion. Check old photos.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Right approach viewed from bridge



Left approach viewed from bridge



Upstream from Crossing



Downstream from Crossing



Downstream Profile



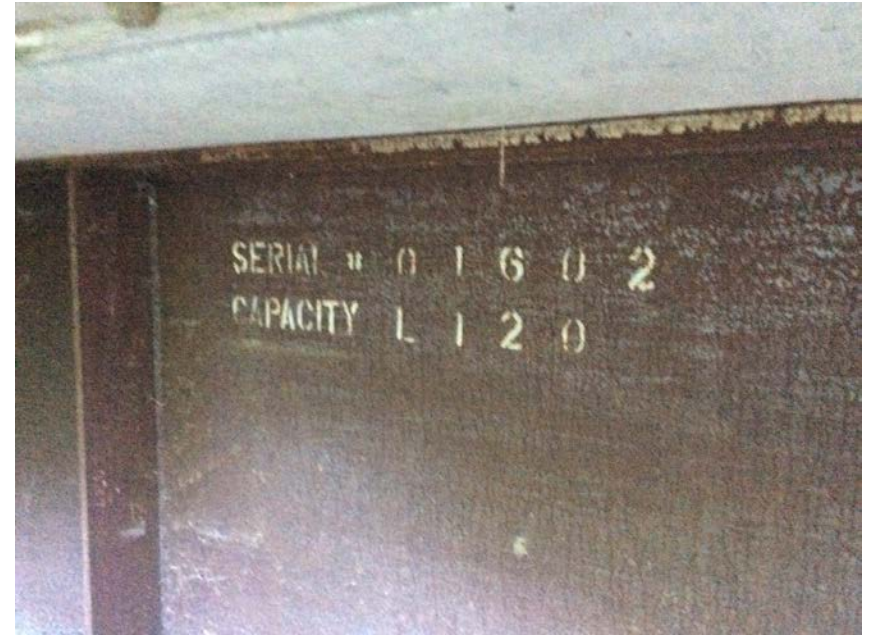
Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile



Structure Or Manufacturer ID



Right Bank Abutment when facing downstream