

CK-2225

PITT RIVER 24.6km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude
49°42'38.59"	-122°42'49.7"
Crossing Name	Blue Creek
FSR #	8394
Branch #	1
Road Name	PITT RIVER
User km	24.6
Current Load Rating (tonnes)	
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	16
Deck Width (m)	8

Updated Data

Latitude	Longitude
49°42'38.99"	-122°42'55.96"
HD Diff. (m)	125.7
Accuracy (m)	5
L75 or 68 tonnes	

Inspection

Date of Inspection 2017-09-14 5:16:59 PM

Inspector Name Michael Foster

Inspector Comments

Good install. No concerns
Skewed log stringer bridge with cross puncheon

Recommended Next Inspection Year 2019

Inspection Company Onsite Engineering Ltd

P.Eng Comments

L75 or 68 tonnes load rating. Post load rating and bridge ahead signs.



23/02/2018

P.Eng Seal

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Approach

Alignment Fair

Sharp corner on 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

Logs

Posted Load Rating

No visible signs posted

Road Surface

Good

Abutment

Log/Timber Crib

Good

Fairly new install, skewed cribs

Tie Backs

Good

Bin Wall

N/A

Concrete

N/A

Caps or Sills

N/A

Piles or Posts

N/A

Ballast Wall

N/A

Wing Wall

N/A

Bracing

N/A

Hardware

Good

Tight lashing

Fill

Good

Riprap

Good

Bearings

N/A

Corrosion Protection

N/A

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck Good Cross puncheon installed full length of bridge

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface Good

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm) 0.3

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Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs Good Lashed through Cross puncheon

Needle Beam N/A

Needle Lashing/
Shimming N/A

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Fd	Y	800		Good	
2	Fd	Y	650		Good	
3	Fd	Y	820		Good	
4	Fd	Y	700		Good	
5	Fd	Y	700		Good	
6	Fd	Y	930		Good	
7	Fd	Y	760		Good	
8	Fd	Y	870		Good	
9	Fd	Y	850		Good	
10	Fd	Y	930		Good	
11	Fd	Y	900		Good	
12	Fd	Y	870		Good	

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Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.3	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	post load rating sign
2	Medium	post bridge ahead signs
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Downstream Profile



Upstream Profile



Left Bank Abutment when facing downstream



Left approach viewed from bridge



Right approach viewed from bridge



Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Right Bank Abutment when facing downstream



Approach from Right Bank when facing downstream