

CK-2224

PITT RIVER 23km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°42'40.5"	-122°42'24.8"		
Crossing Name	Shale Creek		
FSR #	8394	Branch #	1
Road Name	PITT RIVER		
User km	23		
Current Load Rating (tonnes)	91		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	24.4		
Deck Width (m)	4.3		

Updated Data

Latitude	Longitude		
49°42'40.18"	-122°42'24.28"		
HD Diff. (m)	14.3	Accuracy (m)	5
L100 or 91 tonnes			

Inspection

Date of Inspection 2019-01-14 3:06:35 PM

Inspector Name A.M. Gonzalez, K. Wasylesky,
T. Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace fender logs with appropriately sized ones (ie. 600mm diameter). Monitor the top face log condition at the right bank. Current load rating of L100 or 91 tonnes to continue.



04/02/2019

P.Eng Seal

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Approach

Alignment Fair HC and VC both approaches

 Bridge Ahead Signs Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

Undersized and rotting. Boulders downstream left approach

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs Fair

4 face logs. 4 m horizontal crack on top face log right bank, however no signs of crushing to distress - monitor

Tie Backs Fair

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Fair

Sawn logs

Wing Wall

Bracing

Hardware Fair

Fill Good

Riprap Good

Bedrock controlled

Bearings

Corrosion Protection

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Deck

Running Surface

Running Planks

Good

Sub Deck

Fair

Creosote treated

Ties

Fair

Creosote treated

Nails

Good

Deck to Girder Bolts

Good

Partially visible

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Good

Hand Rails/Walkouts

Hardware

Good

Overall Deck Condition

Good

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

Diaphragms Fair 5 bolted bays

Bracing Fair

Under Trussing

Hardware Good

Welded/grouted
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)	2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	5	Ice	☐		

Comments

Bedrock controlled canyon

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace fenders with minimum 600 mm diameter

2

3

Item	Monitor Description	Frequency
1	Top face log on right bank	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Upstream from Crossing



Approach from Right Bank when facing downstream



Downstream from Crossing



Horizontal crack (4m) on top faced log right bank abutment



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Deck