

CK-2217

PITT RIVER 2.2km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
49°33'29.09"	-122°37'3.3"		
Crossing Name	Side Creek		
FSR #	8394	Branch #	1
Road Name	PITT RIVER		
User km	2.2		
Current Load Rating (tonnes)	109		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Sill -Temporary Materials		
Abutment Right	Sill -Temporary Materials		
Spans	1		
Total Length (m)	12.2		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°33'29.97"	-122°37'3.47"		
HD Diff. (m)	27.3	Accuracy (m)	10

Inspection

Date of Inspection 2016-08-05 6:49:46 AM

Inspector Name Jamie Rupar Gilliatt

Inspection Company SNT Engineering

Inspector Comments

No creek flow, can't identify upstream and downstream. Downstream assumed to be on left when facing up chainage. All Steel Portable bridge over spanning old log stringer structure. ASP abutments set back from original log cribs. Low clearance between structures and debris accumulation around ends of bridge prevented inspection of the abutments. Guide logs are undersized and rotten and require replacing. Confirm load rating based on previous inspection comments and post bridge if necessary.

P.Eng Comments

Replace guide logs; brush approaches; replace missing delineators; post bridge ahead sign; and clean sediment from deck. Present load rating of L120 or 109 tonnes to continue.



24/02/2017

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2 Right approach sign missing.

Brushing Required Y Minor brushing.

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2 Upstream delineator missing.

Fender Condition Poor Rotten and undersized guide logs.

Posted Load Rating No load posting sign.

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Unrated Abutments buried in fill with low clearance under bridge.

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap N/A

Bearings Unrated No access to inspect.

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	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	Fair	Anti skid worn off. Some minor dents.
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	Covered in road dirt, hard to assess coating.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate Modular Bridge

Girders Fair Two sections of All Steel Portable.

Diaphragms Unrated Steel box girder, cannot inspect.

Bracing Unrated Steel box girder, cannot inspect.

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

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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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments Still creek with limited flow.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace guide logs, install bridge ahead sign and replace missing delineators.

2	Low	Clear debris from deck and brush approaches.
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Right Approach Facing Bridge



Left Approach Facing Away From Bridge



Right Approach Facing Away From Bridge



Left Approach Facing Bridge

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Deck



Looking Downstream



Looking Upstream



Guardrail



Rotten & Undersized Guide Log



Right Bank Abutment



Downstream Elevation



Upstream Elevation



Left Bank Abutment



Structure Info



Girders