

CK-2406

PITT RIVER 18.5km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°40'45.99"	-122°41'6.5"
Crossing Name	not known
FSR #	8394
Branch #	1
Road Name	PITT RIVER
User km	18.5
Previous Load Rating (tonnes)	91
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)	11.7
Deck Width (m)	5

Updated Data

Latitude	Longitude
49°40'47.46"	-122°41'8.34"
HD Diff. (m)	58.4
Accuracy (m)	5
L75 or 68 tonnes	

Inspection

Date of Inspection 2019-11-06 9:46:36 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

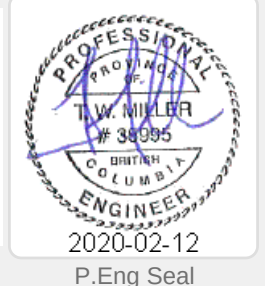
Inspection Company FLNRORD

Inspector Comments

Stringers 3 - 8 are relatively new
Stringers 1, 2, 9, 10 are old, in poor condition but not load bearing
11.4m span upstream
11.5m span downstream

P.Eng Comments

Based on the information recorded in this inspection the load rating is L75 or 68 tonnes. Post load rating and bridge ahead signs.



P.Eng Seal

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Approach

Alignment Good

Slight HC 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

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs Good

3x right bank, 2x left bank with large diameter Cy up to 20mm sap rot

Tie Backs Fair

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Fair

Loose lashing

Fill Fair

Riprap Poor

None

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm) **500**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**Log Curbs **Good**

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
1			620	120	Poor	60mm sap rot
2			710	80	Fair	40mm sap rot
3	Fd	Y	660		Good	
4	Fd	Y	660		Good	
5	Fd	Y	710		Good	
6	Fd	Y	720		Good	
7	Fd	Y	640		Good	
8	Fd	Y	630		Good	
9			650	100	Poor	50mm sap rot with fruiting bodies
10			530	160	Poor	80mm sap rot

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0.3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Post bridge ahead signs
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2	High	Post load rating signs
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3		
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Stringers



Right Bank Abutment when facing downstream



Stringer 1 condition



Stringer 2 condition



Stringer 10 condition



Stringer 9 condition