

CK-2225

PITT RIVER 24.6km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude 49°42'38.59" Longitude -122°42'49.7"

Crossing Name Blue Creek

FSR # 8394 Branch # 1

Road Name PITT RIVER

User km 24.6

Previous Load Rating (tonnes) 68

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 49°42'39.42" Longitude -122°42'54.94"

HD Diff. (m) 107.8 Accuracy (m) 5

L75 or 68 tonnes

Puncheon and gravel

8.6

Inspection

Date of Inspection 2019-11-06 8:06:29 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

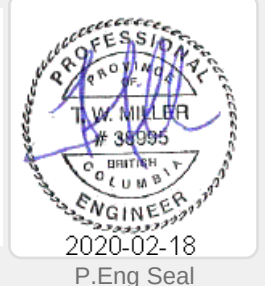
Inspection Company FLNRORD

Inspector Comments

No change in general condition of structure
 Puncheon diameter ranges from 200mm to 400mm diameter (hemlock)

P.Eng Comments

Brush approaches and post bridge ahead signs. The current load rating of L75 or 68 tonnes to continue.



2020-02-18

P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs

Missing

☐ 0☐ 1☒ 2

Brushing Required

Y

Delineator Missing

Left

☒ 0☐ 1☐ 2

Delineator Missing

Right

☒ 0☐ 1☐ 2

Fender Condition

Fair

Low on left approach

Posted Load Rating

Not posted

Road Surface

Good

Abutment

Log/Timber Cribs

Good

3x closed face

Tie Backs

Good

3x

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Good

Nicely lashed

Fill

Good

Riprap

Good

Bearings

Good

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 **Good**

Hand Rails/Walkouts

Hardware **Good** Well lashed

Overall Deck Condition **Good**

Gravel Depth (mm) 200 average 300mm diameter Hemlock puncheon under gravel fill

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Good Lashed well through puncheon

Needle Beam

Needle Lashing/
Shimming Good

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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No change in condition of structure, use 2017 inspection details

Inspect in 2021 and get diameters at both abutments and estimate midspan - or collect midspan diameters if they can be reached

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	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	Medium	Brush approaches when active
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2	Medium	Post bridge ahead signs
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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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



Curb logs nicely lashed



Upstream Profile



Puncheon



Right Bank Abutment when facing downstream



Stringers



Stringers nicely dapped



Left Bank Abutment when facing downstream