CK-2406	PITT RIVER 18.5km	2017 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
49°40'47.79"	-122°41'8.5"

Crossing Name	not known
FSR #	8394
Branch #	1
Road Name	PITT RIVER
User km	18.5
Current Load Rating (tonnes)	109
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°40'46.01"	-122°41'6.53"

HD Diff. (m)	68.0	Accuracy (m)	5

L100 or 91 tonnes

Inspection

Date of Inspection	2017-09-14 6:10:21 PM	Recommended Next Inspection Year	2019
Inspector Name	Michael Foster	Inspection Company	Onsite Engineering Ltd

Inspector Comments

Appears to be good bridge. stringer 1 has woodpecker damage and should be replaced. Other stringers were cored without issue.

P.Eng Comments

L100 or 91 tonnes load rating. Update load rating sign. Replace stringer 1.

P.Eng Seal

Approach

Alignment	Good
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2
Brushing Required	N
Delineator Missing Left	(•) 0 ( ) 1 ( ) 2
Delineator Missing Right	(•) 0 ( ) 1 ( ) 2
Fender Condition	Good
Posted Load Rating	100
Road Surface	Good

Abutment

Log/Timber Cribs	Fair
Tie Backs	Fair
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	N/A
Fill	Good
Riprap	Fair
Bearings	N/A
Corrosion Protection	N/A

Deck

Running Surface	Good
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	N/A
Gravel Surface	Good
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	N/A
Hardware	N/A
Overall Deck Condition	Fair
Gravel Depth (mm)	0.5

Steel/Concrete

Serial/ID Plate

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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
1						Woodpecker damage

See documentation on file for stringer information

Hazards

Estimated Present Water Level Depth (m)	0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.2	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Stringer 1 shows woodpecker damage due to rot. Replace
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

CK-2406 PITT RIVER 18.5km 2017 Inspection

Left approach viewed from bridge

Upstream from Crossing

Right approach viewed from bridge

Downstream from Crossing

CK-2406 PITT RIVER 18.5km 2017 Inspection

Approach from Left Bank when facing downstream

Stringers

Upstream Profile

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream