CK-2226	PITT-BOISE 0.3km	2017 Inspection

CBR iPad Offline Ver

CBR Data

Latitude	Longitude
49°34'36.9"	-122°38'33.4"

Crossing Name	Pitt River
FSR #	8394
Branch #	2
Road Name	PITT-BOISE
User km	0.3
Current Load Rating (tonnes)	41
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Pile -Permanent Materials
Abutment Right	Sill - Permanent Materials
Spans	4
Total Length (m)	91
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°34'37.52"	-122°38'34.38"

HD Diff. (m)	27.3	Accuracy (m)	5

Inspection

Date of Inspection	2017-09-14 3:41:59 PM
Inspector Name	Michael Foster
Recommended Next Inspection Year	2019
Inspection Company	Onsite Engineering Ltd

Inspector Comments

Good structure but should remove debris build up
Deck doesn't appear very old and is in good condition
Bridge has active log hauling

P.Eng Comments

Remove debris buildup at spans 1 and 2. L100 or 91 tonnes load rating.

P.Eng Seal

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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	Fair	Big old logs
Posted Load Rating		
Road Surface	Good	

Abutment

Log/Timber Cribs	N/A	
Tie Backs	N/A	
Bin Wall	N/A	
Concrete	Good	Piers 1 and 2 are concrete
Caps or Sills	N/A	
Piles or Posts	Good	Ends and pier 3 are steel
Ballast Wall	Good	
Wing Wall	N/A	
Bracing	Good	
Hardware	Good	
Fill	Good	
Riprap	Good	
Bearings	Good	
Corrosion Protection	N/A	

Deck

Running Surface	Good	
Running Planks	Good	
Sub Deck	Good	Treated
Ties	Good	Treated
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		

Steel/Concrete

Serial/ID Plate

Girders	Good	4 span structure
Diaphragms	Good	
Bracing	Good	
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	N/A	

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

Hazards

Estimated Present Water Level Depth (m)	2.5	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	25	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments: Spans 1 and 2 are blocked with debris and push stream to right side

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Remove debris built up at spans 1 and 2
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

Downstream Profile

Right approach viewed from bridge

Approach from Left Bank when facing downstream

Left approach viewed from bridge

Downstream from Crossing

Approach from Right Bank when facing downstream

Upstream from Crossing

Right Bank Abutment when facing downstream

Pier 3

Debris buildup

Pier 2

Pier 2

Left Bank Abutment when facing downstream

Pier 1