CK-2228	PITT-BOISE 3.2km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°35'49.4"	-122°39'4.3"

Road Name	PITT-BOISE
User km	3.2
Current Load Rating (tonnes)	27
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)	8.3
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°35'55.58"	-122°39'9.12"

HD Diff. (m)	214.0	Accuracy (m)	5

Pitt-Boise	
27 tonnes	
Temporary Bridge	
N	
Log Stringer	
Gravel	
Crib, Log or Untreated Timber	
Crib, Log or Untreated Timber	
1	
8.5	
5.5	

Inspection

Date of Inspection 2014-11-12 12:31:10 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

Feb 18/2015

P.Eng Comments

Present load rating of 27 tonnes to continue. Please post.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T.W. MILLER
P.Eng Seal
36995

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Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Poor	none
Posted Load Rating		not posted
Road Surface	Fair	

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	Poor	loose lashing
Fill	Fair	
Riprap	Poor	none
Bearings	Poor	scoured under downstream right crib

Corrosion Protection	N/A	

Deck

Running Surface	N/A	
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	N/A	
Curb Rail/Blocks/Posts	Poor	too low
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	guardrail
Gravel Depth (mm)	500	

Steel/Concrete

Girders	
Diaphragms	
Bracing	
Under Trussing	
Hardware	
Welded/grouted shear connectors	

Log

Log Curbs	Poor	loosely lashed
Needle Beam	Poor	loose and only 0.3m off ground
Needle Lashing/ Shimming	Poor	loose

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment
1	Cw	Y	760	60	
2	Cw	Y	740	60	
3	Cw	Y	1000	150	
4	Cw	Y	720	80	
5	Cw	Y	800	80	
6	Cw	Y	800	70	
7	Cw	Y	1000	60	
8	Cw	Y	790	40	
9	Cw	Y	550	150	

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace prior to activity
2		
3		

Monitor Item	Monitor Description	Monitoring Frequency
1		
2		
3		

Sketch
(Select Signature)

FileName CBR iPad Offline Ver 0.17

CK-2228 PITT-BOISE 3.2km 2014 Inspection

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

Upstream Profile

Right Bank Abutment when facing downstream

CK-2228 PITT-BOISE 3.2km 2014 Inspection

Left Bank Abutment when facing downstream