

CK-2227

BOISE 2km

2019 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude 49°35'17.19" Longitude -122°38'53.3"

Crossing Name Side Creek

FSR # 8394 Branch # 2

Road Name BOISE

User km 2

Current Load Rating (tonnes) 5

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) 9.2

Deck Width (m) 6.5

Updated Data

Latitude 49°35'16.72" Longitude -122°38'53.75"

HD Diff. (m) 17.3 Accuracy (m) 5

5 tonnes

7.0

Inspection

Date of Inspection 2019-01-14 11:06:59 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

Site appears to have been surveyed recently

P.Eng Comments

The entire structure is in poor condition, replace soon. The current load rating of 5 tonnes to continue. Post load rating signs.



06/02/2019

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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs Poor Top face log on left abutment crushing

Tie Backs Poor Rotten

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Poor Lashing of all 4 corners is loose

Fill Fair

Riprap Poor None

Bearings

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 Fair

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm) 400

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Fair

Needle Beam Fair Fd 600mm

Needle Lashing/
Shimming Poor loose lashing

Needle Beam to Crib (m) 3.2

Needle Diameter (mm) 550

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Cw	Y	730	30	Fair	
2	Cw	Y	880	40	Fair	
3	Cw	Y	860	130	Poor	
4	Cw	Y	920	180	Poor	
5	Cw	Y	980	150	Poor	
6	Cw	Y	840	130	Poor	
7	Cw	Y	850	30	Fair	
8	Cw	Y	860	110	Poor	
9	Cw	Y	830	20	Fair	
10	Cw	Y	720	120	Poor	

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Hazards

Estimated Present Water Level Depth (m)	0.4	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.2	Ice	☐		
Comments	8.3m span d/s 7.6m span u/s 7.0m width				

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Post load rating sign

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Downstream from Crossing



Deck



Upstream from Crossing



BM noted



Top face log on left abutment crushing



Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile