

CK-2120

BEAR 7km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°27'20.7"	-121°42'17.1"
Crossing Name	Not Known
FSR #	5748
Branch #	3
Road Name	BEAR
User km	7
Current Load Rating (tonnes)	27
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	6.1
Deck Width (m)	6.5

Updated Data

Latitude	Longitude
49°27'21.25"	-121°42'16.96"
HD Diff. (m)	17.4
Accuracy (m)	10
6.7	
L10 or 9 tonnes	
8.0	

Inspection

Date of Inspection 2018-07-10 2:01:33 PM

Inspector Name Tyson Miller

Inspector Comments Serial/ID Plate

7.0m span upstream
6.5m span downstream

Recommended Next Inspection Year

Inspection Company MFLNRO

P.Eng Comments

L10 or 9 tonnes load rating. Post load rating sign and plan to replace prior to any industrial activity.



10/09/2018

P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair Large log sill both abutments - Cw

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Poor None in front of sills

Bearings Fair

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 Poor do not appear to be attached to stringers

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor do to rail

Gravel Depth (mm) 700

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs Poor do not appear to be attached to stringers

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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1	Cw	Y	790	60		
2	Cy	Y	690	50		horizontal crack, appears to be limited to sap wood
3	Cw	Y	430	50		
4	Cw	Y	580	100		heart rot
5	Cy	Y	650	100		heart rot
6	Cy	Y	600	50		
7	Cy	Y	570	50		
8	Cy	Y	450	30		
9	Cy	Y	600	30		
10	Cy	Y	560	30		
11	Cy	Y	510	20		
12	Cw	Y	620	40		Slab at 400mm depth
13	Cy	Y	510	30		
14	Fd	Y	840	250		heart rot

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

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 Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream

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Stringer 2 crack at midspan but only appears to be in sap wood