

CK-2120

BEAR CREEK 7km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°27'20.8"	-121°42'16.5"
Road Name	BEAR CREEK
User km	7
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)	6.1
Deck Width (m)	6.5

Updated Data

Latitude	Longitude
49°27'20.74"	-121°42'17.05"
HD Diff. (m)	11.1
Accuracy (m)	5
Bear Creek	
6.7	
Temporary Bridge	
N	
Log Stringer	
Gravel	
Sill -Temporary Materials	
Sill -Temporary Materials	
1	
6.1	
6.5	

Inspection

Date of Inspection 2014-08-28 1:23:49 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Post bridge ahead signs and place fenders prior to industrial activity. Recommend complete replacement prior to industrial activity. Present load rating of L30 or 27 to continue. Post load rating sign.



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Approach

Alignment Fair

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 N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Poor none

Bearings Fair

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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 Fair 600mm

Curb Rail/Blocks/Posts Poor not attached to stringers

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to rail

Gravel Depth (mm) 600

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**Log**

Log Curbs

Poor

not 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)

Comment

1	Cw	Y	720	60	Cy - sap rot
2	Cw	Y	670	60	sap rot
3	Cw	Y	400	60	Cy - sap rot
4	Cw	Y	540	120	sap rot
5	Cw	Y	690	120	Cy - sap rot
6	Cw	Y	630	50	Cy - sap rot
7	Cw	Y	540	50	sap rot
8	Cw	Y	430	30	sap rot
9	Cw	Y	600	30	sap rot
10	Cw	Y	560	30	Cy - sap rot
11	Cw	Y	550	20	Cy - sap rot
12	Cw	Y	600	250	slab - rotten
13	Cw	Y	520	30	Cy - sap rot
14	Fd		800	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) 1.5

Aggradation ☒Scour ☐

Estimated High Water Level Clearance (m) 0.3

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	post load rating and bridge ahead signs
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2		
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3		
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Monitor Item

Monitor Description

Monitoring Frequency

1		
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2		
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3		
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Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Outlet



inside culvert

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Inlet



Deck