

CK-2121

BEAR 7.4km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude 49°27'10.8" Longitude -121°42'7.9"

Crossing Name Bear Creek

FSR # 5748 Branch # 3

Road Name BEAR

User km 7.4

Current Load Rating (tonnes) 0

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m)

Deck Width (m)

Updated Data

Latitude 49°27'11.4" Longitude -121°42'7.75"

HD Diff. (m) 18.8 Accuracy (m) 5

Steel

Steel

unknown

unknown

Inspection

Date of Inspection 2018-07-10 1:36:57 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments Serial/ID Plate

Send in record and structural drawings for the steel structure

Original crib condition is rated as poor due to tieback condition

P.Eng Comments

The Ministry does not have any documents pertaining to the steel structure; therefore the bridge is assigned a 0 tonnes load rating. Post load rating sign and send in record and structural drawings for an updated load rating.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs Fair

Fair to poor for original structure face logs, up to 80mm sap rot

Tie Backs Poor

Rotten for the original substructure

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate Fair

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts Poor Cables are extremely loose and should be tightened, consider adding additional cables

Hardware

Overall Deck Condition Poor Due to rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors**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

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Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	High	Post load rating sign
2	High	Send in record and structural drawings for steel structure
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



Superstructure



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Tieback condition