

CK-2462

HORNET CREEK km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°37'18.3" -121°48'6.4"

Road Name HORNET CREEK
User km
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) 7
Deck Width (m) 4.8

Updated Data

Latitude Longitude
°0'0" -121°48'6.4"
HD Diff. (m) 5523867.9 Accuracy (m)
Hornet Creek
10 tonnes
Temporary Bridge
N
Log Stringer
Gravel
Crib, Log or Untreated Timber
Crib, Log or Untreated Timber
1
7.3
4.8

Inspection

Date of Inspection 2014-08-26 2:10:31 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace with activity. 10 tonnes load rating. Post load rating sign.

T. Miller
Dec 18/2014



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Approach

Alignment Fair steep VC left 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 Fair 2x, closed face

Tie Backs Fair 2x

Bin Wall N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing Poor loose lashing

Hardware Poor loose lashing

Fill Fair

Riprap Poor none in front of crib

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 N/A

Curb Rail/Blocks/Posts Poor too low

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to shallow gravel depth and curbs

Gravel Depth (mm) 150

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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)	Comment
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1	Cw	Y	600	200	heart rot- Cy
2	Cw	Y	650	100	Cy - catface
3	Cw	N	590	40	Cy - large dia knots
4	Cw	Y	630	40	Cy
5	Cw	Y	620	30	Cy
6	Cw	Y	550	40	Cy
7	Cw	Y	650	60	Cy - large dia knots
8	Cw	N	620	30	Cy - large dia knots
9	Cw	Y	530	50	Cy - catface
10	Cw	Y	540	200	Cy-split and catface

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Hazards

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

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace with activity
2	High	Post load rating sign
3		

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Upstream Profile

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Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream