

CK-2462
CK-2462A

HORNET 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

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

Site Status Active

Insp. Status Inspect

Crossing Name Unknown

FSR # 5748 Branch # 19

Road Name HORNET

User km 2.8

Previous Load Rating (tonnes) 91

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) 11

Deck Width (m) 5.5

Updated Data

Latitude 49°37'19" Longitude -121°48'6.57"

HD Diff. (m) 22.0 Accuracy (m) 8

3.0

1

10.5

7.5

Inspection

Date of Inspection 2022-09-13 1:02:54 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

Upstream c/c 8.5m

Downstream c/c 7.9m.

Lashing at third points and tight.

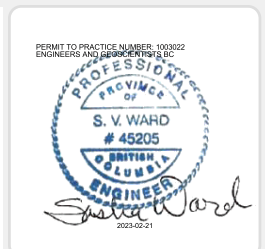
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 21 2023

Load rating: 91 tonnes, L100

Comments: ensure gravel deck material extends to guard logs to maximize width of structure.

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Vc left approach

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Fair

Guidelogs appear to be from old structure. Gravel built up against them from grading

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Fair

Large over sized single sills sitting above/behind old bottom crib log

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Good

Lashing tight

Fill Good

Riprap Fair

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

Deck fill should fill out to support bottom of curb log even those curb log is pinned

Curb Rail/Blocks/Posts

Good

Curb log inset from brow log slightly and pinned to log below

Hand Rails/Walkouts

Hardware

Good

Overall Deck Condition

Fair

Gravel Depth (mm)

650

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs **Good**

Suggest grading built up material tight to curb log. Currently a small berm of material on putter edge of running surface then drops to bottom of curb log in some locations

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	Fd	Y	810	100	Fair	
2	Fd	Y	845	55	Fair	Spot checked interior stringers. All appear
3	Fd	Y	800	50	Fair	
4	Fd	Y	870		Fair	
5	Fd	Y	980		Fair	
6	Fd	Y	870	60	Fair	
7	Fd	Y	870		Fair	
8	Fd	Y	960	50	Fair	
9	Fd	Y	790		Fair	
10	Fd	Y	690		Fair	
11	Fd	Y	715	100	Fair	

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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	.75	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Add Load Rating Signs. # sites. Priority:Medium	Load rating signs and delineators

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Downstream Profile



Left Bank Abutment when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



Stringers



Stringers