

CK-2459

HORNET 0.4km

2020 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°36'15.99"	-121°49'9"
Crossing Name	Unknown
FSR #	5748
Branch #	19
Road Name	HORNET
User km	0.4
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	15.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5521941.4
Accuracy (m)	

L75 or 68 tonnes

Inspection

Date of Inspection 2020-06-04 9:40:46 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace missing HSS rail hardware and monitor the deck deformations noted at the edges.
The current load rating of L75 or 68 tonnes to continue.



2020-11-30

P.Eng Seal

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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

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribbs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good Treated timbers on concrete integrated cap/wall

Piles or Posts Unrated Not visible to assess

Ballast Wall Good

Wing Wall

Bracing Unrated Not visible

Hardware

Fill Fair

Riprap Fair

Bearings Fair bearing plate up 100mm off timbers - see photos

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

Damage noted to sections of both upstream and downstream girders at deck edges. Steel has deformed in these locations as noted in previous inspections

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Missing rail hardware where deck damage noted

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Unrated Internal

Bracing Unrated Internal

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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace missing hardware for HSS rail at damaged deck location

2

3

Item	Monitor Description	Frequency
1	Deck condition	Every routine inspection

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Guardrail connection



Upstream from Crossing



Downstream from Crossing



Damage noted to outside deck edge on upstream box girder



Damage noted to outside deck edge on downstream box girder



Approach from Right Bank when facing downstream



Damage to upstream box girder



Left Bank Abutment when facing downstream



Superstructure



Girder connection at right bank



100mm thick timber on top of 150mm thick timber at both abutments



Bearing plate not completely on sill at right bank, up to 100mm off



Structure ID



Right Bank Abutment when facing downstream