

CK-2461

Hornet FSR 2.0km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
°0'0"	°0'0"
Crossing Name	Unknown
FSR #	Branch #
Road Name	Hornet FSR
User km	2.0
Current Load Rating (tonnes)	
Structure Class	Woodbox/Log Culvert
Portable	
Superstructure	Log Stringer
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	6.0
Deck Width (m)	5.5

Updated Data

Latitude	Longitude
49°36'33.03"	-121°48'39.86"
HD Diff. (m)	9975649.1
Accuracy (m)	5
5 tonnes	

Inspection

Date of Inspection 2018-06-19 9:47:36 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

4.7m span

All stringers knotty with horizontal cracking of sap wood and in general poor condition

P.Eng Comments

The structure is considered a Wood Box Culvert due to span; however the structure is in poor condition. 5 tonnes load rating. Post load rating sign and plan to replace the entire structure prior to industrial activity.



P.Eng Seal

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Approach

Alignment Good

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 Poor Bridges deactivated prior to this limiting access

Abutment

Log/Timber Cribs Fair 2x with up to 50mm sap rot

Tie Backs Fair 2x

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Poor loose lashing

Fill Fair

Riprap Poor None

Bearings Fair

Corrosion Protection

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**Deck**

Running Surface

Limited access to structure as CK-2459 and CK-2460 deactivated

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface Fair

Curb Rail/Blocks/Posts Poor Too low

Hand Rails/Walkouts

Hardware

Overall Deck Condition Poor Due to rail

Gravel Depth (mm) 300

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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
1	Cw	Y	610	100	Poor	Large knots and horizontal cracks in sap
2	Cw	Y	490	50	Fair	
3	Cw	Y	600	80	Poor	Large knots
4	Cw	Y	580	60	Poor	Cracking and delamination in sap wood
5	Cw	Y	660	120	Poor	Large knots
6	Cw	Y	550	70	Poor	Large knots
7	Cw	Y	620	60	Poor	Large knots
8	Cw	Y	700	180	Poor	
9	Cw	Y	570	150	Poor	Large knots
10	Cw	Y	560	140	Poor	

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Post load rating sign
2		
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



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream

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Stringers