

CK-2118

COGBURN 8km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude		
49°33'38.99"	-121°41'26.5"		
Crossing Name	Hut Creek		
FSR #	5748	Branch #	2
Road Name	COGBURN		
User km	8		
Current Load Rating (tonnes)	0		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	21.3		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°33'39.32"	-121°41'26.75"		
HD Diff. (m)	11.1	Accuracy (m)	5
5 tonnes			
Temporary Bridge			
Y			
Steel Box Beam			
Steel			
Sill -Temporary Materials			
Sill -Temporary Materials			
1			
15.2			
4.9			

Inspection

Date of Inspection 2018-06-19 12:02:24 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

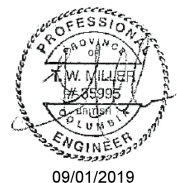
Inspection Company MFLNRO

Inspector Comments

Site has been surveyed and designed and planned replacement

P.Eng Comments

This is a temporary install to allow for development to occur. Limit loading to 5 tonnes. Replace the entire structure prior to industrial activity.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches, VC left approach

 Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor

None

Posted Load Rating 2

See picture

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Fair

Old logs

Piles or Posts

Ballast Wall Poor

None

Wing Wall

Bracing

Hardware

Fill Poor

Scoured away under right abutment

Riprap Poor

None on right end

Bearings Poor

Not complete bearing at right abutment

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 Good

Hand Rails/Walkouts

Hardware

Overall Deck Condition Fair

Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

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)	1.0	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	13.0	Aggradation	☒	Scour	☒
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments Bridge location is in deposition zone

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace prior to industrial activity

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Load Rating Sign



Old structure still remains in stream



Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Steel deck plate deformation



Right bank sill log scoured and only bearing downstream 2m length and 0.5m length at upstream wheel path location