

CK-2348

COGBURN 4.8km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°33'20.8"	-121°43'38.4"
Crossing Name	(No Creek Present)
FSR #	5748
Branch #	2
Road Name	COGBURN
User km	4.8
Previous Load Rating (tonnes)	40
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)	24.4
Deck Width (m)	4.88

Updated Data

Latitude	Longitude
49°33'20.51"	-121°43'38.2"
HD Diff. (m)	9.7
Accuracy (m)	30
L150 or 136 tonnes	

Inspection

Date of Inspection 2019-08-20 11:49:51 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Post bridge ahead signs. Monitor girder and bracing condition, and deck panel joint and grout pocket condition. The design load rating of L150 or 136 tonnes to continue.



2019-09-17

P.Eng Seal

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Approach

Alignment Fair

HC right approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Missing upstream right approach

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Unrated NA as columns short

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair

Grout Pockets Fair Appears as though water is getting through to girders

Deck Joints Fair Appears as though water is getting through to girders and bracing

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Minor corrosion noted at grout pocket locations

Diaphragms Fair

6 bolted bays

Bracing Fair

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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Low	Post bridge ahead signs
2		
3		

Item	Monitor Description	Frequency
1	Monitor corrosion on girders and bracing at deck panel joint and grout pocket locations	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Load Rating Sign



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Structure ID



Right Bank Abutment when facing downstream



Minor bracing corrosion



Left Bank Abutment when facing downstream