

CK-2386

CENTRE 5.1km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°3'57.39"	-121°31'21"
Crossing Name	Centre Creek
FSR #	5127
Branch #	17
Road Name	CENTRE
User km	5.1
Previous Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	17.3
Deck Width (m)	5.7

Updated Data

Latitude	Longitude
49°3'57.65"	-121°31'21.44"
HD Diff. (m)	11.9
Accuracy (m)	5
L30 or 27 tonnes	

Inspection

Date of Inspection 2019-08-26 12:35:02 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

15.9m span

P.Eng Comments

The top face log in both bearing cribs in poor condition, see pictures. The structure now requires replacing prior to the next industrial activity. Limit loading to L30 or 27 tonnes. Post load rating signs.



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 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs Poor 5 face logs left abutment, 3 face logs right abutment - right abutment crib in front of bearing crib completely rotten

Tie Backs Poor Rotting

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Fair Creosote timbers

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks **Good**

Sub Deck

Ties **Good**

Nails **Good**

Deck to Girder Bolts **Fair** **Modified**

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Railcars

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)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Brush approaches
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2	Medium	Place fender logs
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3	High	Post load rating
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Item	Monitor Description	Frequency
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1		
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2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Deck fasteners



Right Bank Abutment when facing downstream



Old crib condition on right abutment condition is poor



Top face log condition on left abutment 70mm rot at upstream girder bearing location



Top face log condition at center left abutment



Top face log condition on right abutment



Superstructure