

CK-2014

CANTELON 8.2km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°13'4"	-121°28'18.1"
Crossing Name	Unknown Creek
FSR #	8124
Branch #	1
Road Name	CANTELON
User km	8.2
Current Load Rating (tonnes)	54
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated - Panels
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	12
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°13'4.03"	-121°28'18.72"
HD Diff. (m)	12.5
Accuracy (m)	5
L60 or 54 tonnes	

Inspection

Date of Inspection 2018-05-30 10:18:21 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean sediment from deck and grade approaches. Present load rating of L60 or 54 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Good

Posted Load Rating 54000

Road Surface Poor Rutted

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good Lock block 3 rows high each abutment

Caps or Sills Good Treated timbers

Piles or Posts

Ballast Wall Good Treated timbers

Wing Wall

Bracing Good Geogrid between each lock block row

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface	Fair	Sediment on deck to be removed
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Running Planks	Good
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Sub Deck	Good
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Ties	Good
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Nails	Good
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Deck to Girder Bolts	Good	Clips
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Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts	Good
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Hand Rails/Walkouts

Hardware	Good
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Overall Deck Condition	Good
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Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7.0	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	High	Grade road with activity
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2	Medium	Clean sediment off deck
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Left Bank when facing downstream



Deck clips



Upstream Profile



Right Bank Abutment when facing downstream

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Downstream Profile



Left Bank Abutment when facing downstream