

CK-2018

CANTELON CREEK 0.3km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°13'5.4"	-121°22'53.6"
Crossing Name	Cantelon Creek
FSR #	8124
Branch #	1
Road Name	CANTELON CREEK
User km	0.3
Current Load Rating (tonnes)	68
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)	27.5
Deck Width (m)	4.87

Updated Data

Latitude	Longitude
49°13'5.66"	-121°22'53.88"
HD Diff. (m)	9.7
Accuracy (m)	10

Inspection

Date of Inspection 2017-08-02 11:16:56 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Repair damage to ballast walls and deck panels. Grade and brush approaches. Replace missing delineators. Present load rating of L75 or 68 tonnes to continue.



30/08/2017

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 Fair

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair Requires repair to both walls

Wing Wall

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** Damage sustained to Panels at either approach

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Fair**

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good

Diaphragms Good

6 bolted bays

Bracing Fair

Missing bolts but have been welded

Under Trussing

Hardware Good

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)	2.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	20.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Medium	Repair damage to ballast walls and deck panels
2	Medium	Grade and brush approaches
3	Medium	Replace missing delineator

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Damage to left bank ballast wall and deck panel



Deck



Looking upstream from deck



Looking downstream from deck



Approach from Right Bank when facing downstream



Damage to right bank ballast wall and deck panel



Damage to deck panel on right bank



Left Bank Abutment when facing downstream



Splice plates



Bracing at right bank missing bolts but welded



Right Bank Abutment when facing downstream



Bracing at left bank missing bolts but welded



Superstructure



Damage to panel at left bank