

CK-2014

CANTELON CREEK 8.2km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°13'4.19"	-121°28'18.4"
Road Name	CANTELON CREEK
User km	8.2
Current Load Rating (tonnes)	0
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.1
Deck Width (m)	4.3

Updated Data

Latitude	Longitude		
49°13'4.02"	-121°28'18.09"		
HD Diff. (m)	8.2	Accuracy (m)	5
Cantelon Creek			
0 tonnes			
Temporary Bridge			
N			
Steel I-beam			
Timber – Untreated			
Sill -Temporary Materials			
Sill -Temporary Materials			
1			
12.1			
4.3			

Inspection

Date of Inspection 2014-10-23 9:57:40 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace entire structure prior to industrial activity, 0 tonnes load rating. Please post.



CK-2014

CANTELON CREEK 8.2km

2014 Inspection

CBR iPad Offline Ver 0.17

Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2 remaining one damagedDelineator Missing
Right ☒ 0 ☐ 1 ☐ 2 both damaged

Fender Condition Poor Onsite but moved due to access blocking on left approach

Posted Load Rating not posted

Road Surface Poor access blocked to vehicle traffic

Abutment

Log/Timber Cribs Poor just for fill retention

Tie Backs Poor rotting

Bin Wall N/A

Concrete N/A

Caps or Sills Fair single log sills at both abutments

Piles or Posts N/A

Ballast Wall Fair treated timbers

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Poor left bank crib failing and riprap sloughing

Bearings Fair

CK-2014

CANTELON CREEK 8.2km

2014 Inspection

CBR iPad Offline Ver 0.17

Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks Poor rotten

Sub Deck N/A

Ties Poor rotten

Nails Poor protruding

Deck to Girder Bolts Poor loose

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Poor rotten

Hand Rails/Walkouts N/A

Hardware Poor loose

Overall Deck Condition Poor rotten deck

Gravel Depth (mm)

CK-2014

CANTELON CREEK 8.2km

2014 Inspection

CBR iPad Offline Ver 0.17

Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**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)

Comment

CK-2014

CANTELON CREEK 8.2km

2014 Inspection

CBR iPad Offline Ver 0.17

Hazards

Estimated Present Water Level Depth (m) 0.6

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 5.0

Aggradation ☐Scour ☒

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments scouring under right abutment fill retention crib

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1	High	replace prior to industrial activity
---	------	--------------------------------------

2		
---	--	--

3		
---	--	--

Monitor Item

Monitor Description

Monitoring Frequency

1		
---	--	--

2		
---	--	--

3		
---	--	--

Sketch
(Select Signature)

CK-2014

CANTELON CREEK 8.2km

2014 Inspection



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream

CK-2014

CANTELON CREEK 8.2km

2014 Inspection



Left Bank Abutment when facing downstream