

CK-2357

CANTELON TEN 0.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude 49°11'44.9" Longitude -121°29'15.2"

Road Name CANTELON TEN

User km 0.1

Current Load Rating (tonnes)

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) 21.4

Deck Width (m) 4.1

Updated Data

Latitude °0'0" Longitude -121°29'15.2"

HD Diff. (m) 5476452.1 Accuracy (m)

Cantelon 10

0.1

Temporary Bridge

N

Steel I-beam

Timber - Untreated

Sill -Temporary Materials

Sill -Temporary Materials

1

21.4

4.3

Inspection

Date of Inspection 2014-10-23 10:42:21 AM

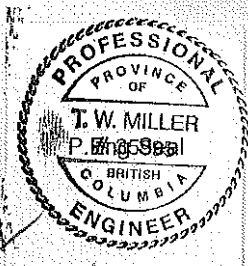
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace the ties, running planks, guardrail and risers with activity. Also, due to the poor condition of the left bank sill shims replace them at the same time. Limit loading to 30 tonnes to allow machinery across to replace the deck and shims.



Handwritten signature and date:
Dec 5/2014

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating not posted

Road Surface Poor road grown over

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair single log sills, left bank has timber shims that are rotten and crushing

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Good

Bearings Fair poor on left. bank due to rotten shims

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Corrosion Protection Fair

Deck

Running Surface N/A

Running Planks Poor rotten

Sub Deck N/A

Ties Poor rotten

Nails Fair

Deck to Girder Bolts Fair

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

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

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

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Hazards

Estimated Present Water Level Depth (m) 1.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace deck, missing delineators and bridge ahead signs
2	High	remove and replace rotten sill shims on left bank
3	Medium	brush approaches with activity

Monitor Item

Monitor Description

Monitoring Frequency

1 debris buildup immediately downStream

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream

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lefty bank timber planks crushing on sill



Left Bank Abutment when facing downstream