

CK-2386

CENTRE CREEK 5.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°3'57.39" -121°31'21"

Road Name CENTRE CREEK
User km 5.1
Current Load Rating (tonnes)
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) 18.3

Deck Width (m) 5.1

Updated Data

Latitude Longitude
49°3'57.54" -121°31'20.92"

HD Diff. (m) 4.6 Accuracy (m) 10

Centre Creek
5.1

30 tonnes

Temporary Bridge
N

Railcar

Timber - Untreated

Crib, Log or Untreated Timber

Crib, Log or Untreated Timber

1

17.2

5.5

Inspection

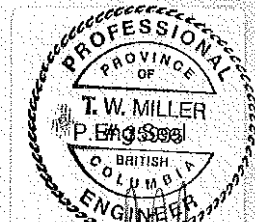
Date of Inspection 2014-09-10 9:51:15 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

The FERIC Technical Report SR98 indicates BC Railcars are classified as "temporary" with an estimated service life of 10 years, subject to regular inspections. There is no "asbuilt" documentation on file to indicate the installation date but judging by the current condition of the deck I estimate it at 6-8 years old. Based on the info from the FERIC Technical Report and the current condition of the super and sub structures, if a new deck is placed on the railcars it should only be used for industrial use for approximately another 5 years, subject to regular inspections. Replace the ties, running planks, guardrail and risers. Place log fenders, delineators, and bridge ahead signs once the road is opened. Monitor the condition of the old right bank crib. Limit loading to 30 tonnes to allow machinery across to complete the temporary repairs.



Dec 5/2014

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Poor overgrown

Abutment

Log/Timber Cribs Fair old crib on right bank just retaining fill in poor shape especially upstream end - bearing crib has some rot

Tie Backs Fair

Bin Wall N/A

Concrete N/A

Caps or Sills Fair left abutment has log sill placed on top of crib, cut flat and lashed to crib

Piles or Posts N/A

Ballast Wall Fair timbers

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

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Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks Poor rotting

Sub Deck N/A

Ties Poor rotting

Nails Fair

Deck to Girder Bolts N/A

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 loose rail, rotting risers

Hand Rails/Walkouts N/A

Hardware Poor loose rail

Overall Deck Condition Poor replace deck

Gravel Depth (mm)

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Steel/Concrete

Girders Fair 2 railcars

Diaphragms N/A

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

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Hazards

Estimated Present Water Level Depth (m) 1.0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 8.0

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments good install of railcars, deck past end of industrial life and log crib retaining fill on right bank in relatively poor condition

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace deck prior to activity
2	High	place fenders when active
3	Medium	brush with activity

Monitor Item

Monitor Description

Monitoring Frequency

1	old crib on right bank just retaining fill	routine inspection
2		
3		

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



Left Bank Abutment when facing downstream

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superstructure



Right Bank Abutment when facing downstream