

CK-2085

CHILLIWACK SOUTH 0.1km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°5'40.89"	-121°34'56.5"
Road Name	CHILLIWACK SOUTH
User km	0.1
Current Load Rating (tonnes)	81
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Concrete Cast in Place
Abutment Right	Concrete Cast in Place
Spans	1
Total Length (m)	34.8
Deck Width (m)	4.3

Updated Data

Latitude	Longitude		
49°5'39.97"	-121°34'57.44"		
HD Diff. (m)	34.4	Accuracy (m)	5
Chilliwack South			
0.1			
L90 or 81 tonnes			
Permanent Bridge			
N			
Steel I-beam			
Timber - Untreated			
Concrete Cast in Place			
Concrete Cast in Place			
1			
34.8			
4.3			

Inspection

Date of Inspection 2014-09-10 10:31:31 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Wear planks nearing the end of their useful industrial life and recommend replacing them. Replace the missing riser on the right bank wingwall. Replace the missing delineator and bridge ahead sign. Monitor the bearing bolts. Present load rating of L90 or 81 tonnes to continue.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2

Brushing Required Y minor

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

Fender Condition Fair only guardrail on wingwalls

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills N/A rubber pads

Piles or Posts N/A

Ballast Wall Good

Wing Wall Good

Bracing N/A

Hardware N/A

Fill Good

Riprap Good

Bearings Fair monitor bearing bolts on left abutment

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Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks Fair fair to poor as some planks have extensive wear

Sub Deck Fair treated

Ties Fair treated

Nails Fair

Deck to Girder Bolts Good

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 Fair odd riser has rot

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Fair

Diaphragms Fair 7 bays

Bracing Fair

Under Trussing N/A

Hardware Good

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) 24.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 2.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	recommend replacing all wear planks
2	Medium	replace missing riser on right bank wing wall
3	Medium	replace missing delineator and bridge ahead sign

Monitor Item

Monitor Description

Monitoring Frequency

1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Guard Rail extension onto wing wall on right upstream end



Deck



Approach from Left Bank when facing downstream

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Right Bank Abutment when facing downstream



superstructure



upstream left bearing bolts



downstream left bearing bolts

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past wear plank replacement



Left Bank Abutment when facing downstream