

CK-2085

CHILLIWACK SOUTH 0.1km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°5'39.99"	-121°34'57.4"
Crossing Name	Chilliwack River
FSR #	5127
Branch #	26
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°5'40.02"	-121°34'57.09"
HD Diff. (m)	6.2
Accuracy (m)	10

Inspection

Date of Inspection 2018-06-20 10:00:25 AM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

Consider replacing risers (for the timber fenders) on CIP abutment with permanent ones

P.Eng Comments

Replace the running planks, guardrail and risers. Replace the timber fenders. Post bridge ahead signs and replace the missing delineator. Brush and grade approaches and monitor the bearing bolt condition. Present load rating of L90 or 81 tonnes to continue.



P.Eng Seal

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Approach

Alignment Good

VC left approach

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Fair

Timbers on CIP

Posted Load Rating

Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete Good

CIP both abutments

Caps or Sills

Piles or Posts

Ballast Wall Good

Wing Wall Good

Bracing

Hardware

Fill Good

Riprap Good

Bearings Fair

Bearing bolts bending on left abutment

Corrosion Protection

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Deck

Running Surface

Running Planks

Poor

Rotten

Sub Deck

Good

Treated

Ties

Good

Treated

Nails

Poor

Protruding

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Poor

Rotten

Hand Rails/Walkouts

Hardware

Poor

Loose rail bolts

Overall Deck Condition

Poor

Due to rail condition

Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

Bracing Fair

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)	1.0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	25.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace planks, guardrail and risers; and timber approach fenders
2	Medium	Brush and grade approaches
3	Low	Post bridge ahead signs and replace missing delineator

Item	Monitor Description	Frequency
1	Bearing bolts	Routine Inspection
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Missing riser at upstream right approach



Upstream from Crossing



Downstream from Crossing



Upstream left bearing bolt



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure