

CK-2084

CHILLIWACK SOUTH 0km

2018 Inspection

CBR iPad Offline Ver 0.28



CBR Data

Latitude	Longitude
49°5'42.1"	-121°34'57.3"
Crossing Name	Back channel
FSR #	5127
Branch #	26
Road Name	CHILLIWACK SOUTH
User km	0
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Slab Girders
Deck Type	Concrete
Abutment Left	Concrete Precast
Abutment Right	Concrete Precast
Spans	1
Total Length (m)	14.6
Deck Width (m)	4.87

Updated Data

Latitude	Longitude
49°5'41.95"	-121°34'56.95"
HD Diff. (m)	8.4
Accuracy (m)	10

Inspection

Date of Inspection 2018-06-20 9:44:11 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments Serial/ID Plate

Good candidate for HSS rail

P.Eng Comments

Replace guardrail, risers and blocks. Clean sediment from deck and replace the parseal joints between the shear connectors. Replace the missing bridge ahead signs, brush and grade approaches. The present load rating of L75 or 68 tonnes to continue.



29/06/2018

P.Eng Seal

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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 Fair Logs

Posted Load Rating Not posted

Road Surface Fair Potholes

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills Good

Piles or Posts Good

Ballast Wall Fair Hairline cracks noted on right abutment

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Wear noted on surface, most likely due to tracked machinery

Grout Pockets

Deck Joints Fair Paraseal all gone

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 **Good** 6 concrete slab girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good** **Welded****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)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace guardrail, risers and blocks
2	Medium	Grade and brush approaches and clean sediment from deck
3	Medium	Replace paraseal deck joints

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Guard Rail



Left Bank Abutment when facing downstream



Approach from Left Bank when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Hairline cracks noted on right ballast wall