

CK-2085

CHILLIWACK SOUTH 0.1km

2020 Inspection

CBR iPad Offline Ver 0.31



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
Previous 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°5'40.1"	-121°34'57.02"
HD Diff. (m)	8.4
Accuracy (m)	10
L90 or 81 tonnes	

Inspection

Date of Inspection 2020-04-07 9:26:54 AM

Inspector Name Tyson Miller

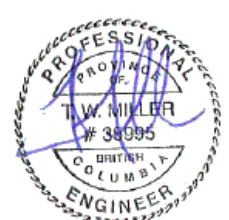
Inspector Comments

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

P.Eng Comments

The current load rating of L90 or 81 tonnes to continue.



2020-11-24

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

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

Fender Condition Good Timber

Posted Load Rating 81000

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good CIP both banks

Caps or Sills

Piles or Posts

Ballast Wall Good Concrete

Wing Wall Good Both abutments

Bracing

Hardware

Fill Good

Riprap Good

Bearings Fair Bearing bolts slightly bent to fill side on left abutment

Corrosion Protection

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Deck

Running Surface

Running Planks Good

Sub Deck Good Treated

Ties Good Treated

Nails Good

Deck to Girder Bolts Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair Light corrosion

Diaphragms Fair 7 bolted bays

Bracing Fair Under

Trussing

Hardware Good Galvanized

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)	27.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)		Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Load Rating Sign



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Upstream left bank wing wall



Upstream left bank bearing bolt



Right Bank Abutment when facing downstream



Superstructure



Downstream left bank bearing bolts



Upstream right bank wing wall



Timber risers span 3 ties



Left Bank Abutment when facing downstream



Slotted bearing holes at right bank