

CK-2491

CHILLIWACK SOUTH 1.5km

2016 Inspection

CBR iPad Offline Ver 0.23



CBR Data

Latitude	Longitude
49°5'44.3"	-121°34'2.1"
Crossing Name	Chilliwack River
FSR #	5127
Branch #	26
Road Name	CHILLIWACK SOUTH
User km	1.5
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Concrete Box Beam
Deck Type	Concrete
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	7.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°5'43.25"	-121°34'3.16"
HD Diff. (m)	38.9
Accuracy (m)	5
8.0	

Inspection

Date of Inspection 2016-07-27 12:50:45 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Clean sediment off deck and post bridge ahead sign. The present load rating of L75 or 68 tonnes to continue.



23/01/2017

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 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Good

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good integrated cap/wall

Piles or Posts Unrated buried

Ballast Wall Good integrated cap/wall

Wing Wall Good single row of lock blocks retaining fill

Bracing Unrated buried

Hardware Fair

Fill Good

Riprap Good

Bearings Good

Corrosion Protection N/A

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**Deck**

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

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 Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Good 3 concrete slabs with welded shear keys

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors Good**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	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments stream does not appear to carry flow often, perhaps just an overflow for the main channel that goes to CK-2490

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	post bridge ahead signs
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2	Medium	clean sediment off deck
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3		
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Item	Monitor Description	Frequency
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1		
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2		
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3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



sediment accumulations against guardrail



Deck



looking downstream from crossing, looking at the Chilliwack River



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile