

CK-2051

CHILLIWACK RIVER 8.1km

2015 Inspection



CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude
49°2'43.9"	-121°23'52.3"
Crossing Name	Unknown
FSR #	5127
Branch #	1
Road Name	CHILLIWACK RIVER
User km	8.1
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	17.7
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°2'43.3"	-121°23'52.3"
HD Diff. (m)	21.6
Accuracy (m)	5

Concrete Removable

Inspection

Date of Inspection 2015-06-25 12:42:36 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace deck sealant, replace missing bridge ahead signs and brush with activity. Present load rating of CL-625 or 68 tonnes to continue.



P.Eng Seal

Dec 3/2015

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Good

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Good plates and rubber pads

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Good

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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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

Concrete Deck Good non composite

Grout Pockets

Deck Joints Fair some sealant popping out and requires replacement

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good W-beam with steel posts

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

Diaphragms Good 5 bays, bolted

Bracing Good

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)	Condition	Comment

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	brush with activity
2	Medium	replace all deck sealant prior to industrial activity

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



sealant worn and failing



Deck



Approach from Left Bank when facing downstream

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Structure ID



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



bearing plates at extent of slot

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bearing plates offset 14mm