

CK-2050

CHILLIWACK LAKE 8km

2018 Inspection



CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°2'45.7"	-121°23'52.9"
Crossing Name	Paleface Creek
FSR #	5127
Branch #	1
Road Name	CHILLIWACK LAKE
User km	8
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)	30.8
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°2'45.15"	-121°23'53.25"
HD Diff. (m)	18.3
Accuracy (m)	5
CL-625 or 68 tonnes	

Inspection

Date of Inspection 2018-06-20 8:45:45 AM

Recommended Next Inspection Year 2021

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

The FSR is in poor condition with many potholes and long stretches without any surfacing material

P.Eng Comments

Grade and brush approaches. Post bridge ahead signs. Present load rating of CL-625 or 68 tonnes to continue.



19/12/2018

P.Eng Seal

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Approach

Alignment Good

VC both approaches

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

Potholes at either approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Good Potholes at either approach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

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**Steel/Concrete**

Girders Good

Diaphragms Good

Bracing Good

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)	0.7	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	22.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Medium	Brush and grade approaches
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2	Low	Post bridge signs
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3		
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Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream

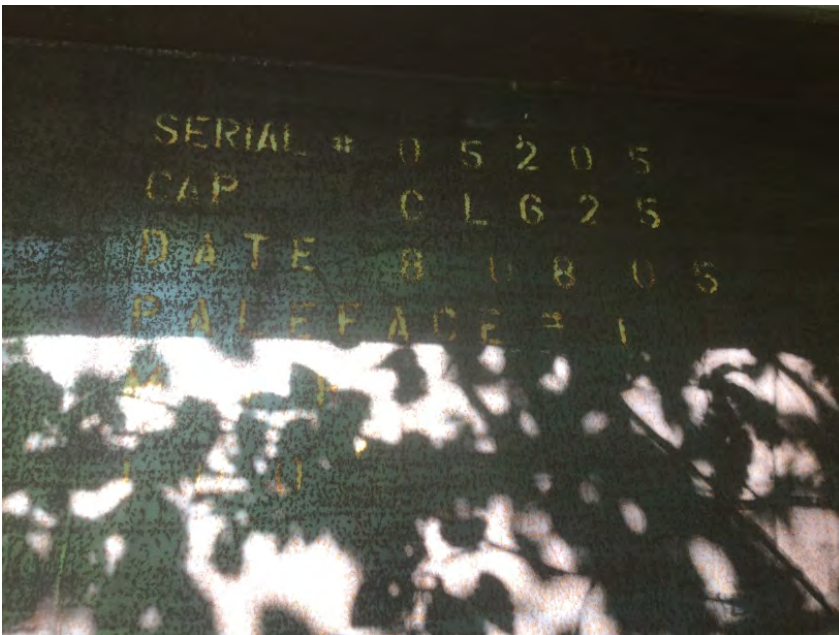
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Superstructure



Structure ID