CK-2051	CHILLIWACK LAKE 8.1km	2018 Inspection

CBR iPad Offline Ver 0.28

CBR Data

Latitude	Longitude
49°2'43.29"	-121°23'52.3"

Crossing Name	Unknown		
FSR #	5127	Branch #	1
Road Name	CHILLIWACK LAKE		
User km	8.1		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Removable		
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°2'44.06"	-121°23'52.58"

HD Diff. (m)	24.3	Accuracy (m)	10

CL-625 or 68 tonnes

Inspection

Date of Inspection	2018-06-20 8:57:40 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

Replace paraseal deck joint sealant. Grade and brush approaches. Replace missing delineator and post bridge ahead signs. Present load rating of CL-625 or 68 tonnes to continue.

P.Eng Seal

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Approach

Alignment	Fair	HC and VC right approach, HC left approach
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	○ 0 ● 1 ○ 2	
Fender Condition	Good	
Posted Load Rating		Not posted
Road Surface	Fair	

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

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck	Good	
Grout Pockets		
Deck Joints	Fair	Paraseal coming off
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Good	
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

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

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	9.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	1.5	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Brush and grade approaches
2	Medium	Replace missing delineator and post bridge ahead signs
3	Medium	Replace paraseal deck joint sealant

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream

Deck

Approach from Right Bank when facing downstream

Paraseal wearing in locations

CK-2051 CHILLIWACK LAKE 8.1km 2018 Inspection

Upstream from Crossing

Approach from Left Bank when facing downstream

Downstream from Crossing

Upstream Profile

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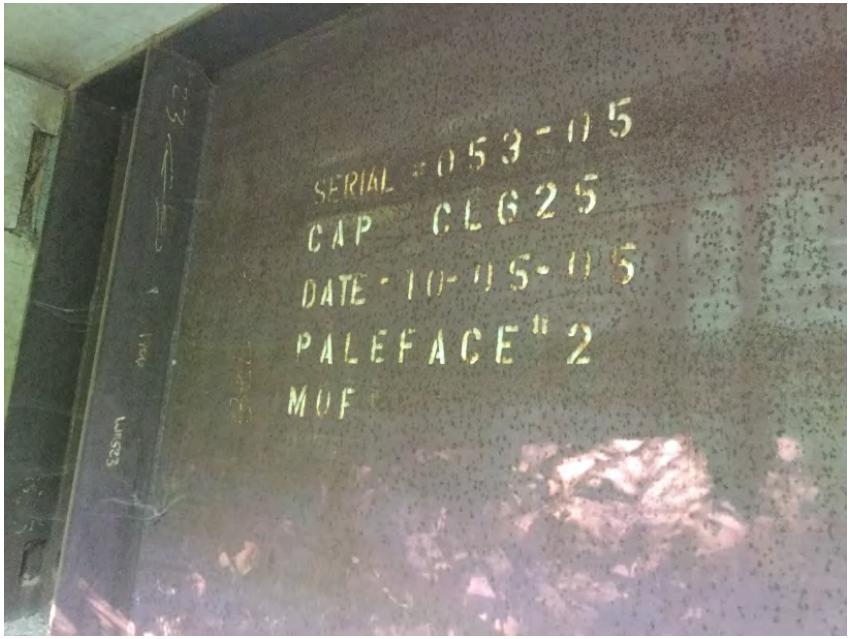

Structure ID

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Superstructure