CK-2086	CHILLIWACK SOUTH 4.4km	2017 Inspection

CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°5'58.09"	-121°31'59.8"

Crossing Name	Center Creek		
FSR #	5127	Branch #	26
Road Name	CHILLIWACK SOUTH		
User km	4.4		
Current Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	Y		
Superstructure	Steel Box Beam		
Deck Type	Steel		
Abutment Left	Concrete Precast		
Abutment Right	Concrete Precast		
Spans	1		
Total Length (m)	24.7		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude
49°5'58.29"	-121°32'3.16"

HD Diff. (m)	68.3	Accuracy (m)	10
Abutment Left	Concrete Lock Blocks		
Abutment Right	Concrete Lock Blocks		

Inspection

Date of Inspection	2017-07-26 12:32:21 PM	Recommended Next Inspection Year	2019
Inspector Name	Tyson Miller	Inspection Company	MFLNRO

Inspector Comments

P.Eng Comments

Brush and grade approaches. Monitor steel deck deformation and loss of fill due to lack of ballast wall. Present load rating of L75 or 68 tonnes to continue.

P.Eng Seal

Approach

Alignment	Fair	
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	Good	Lock blocks visible on right bank
Caps or Sills	Fair	Timbers
Piles or Posts		
Ballast Wall	Poor	None
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Good	Steep at right bank
Bearings	Good	
Corrosion Protection		

Deck

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

Steel/Concrete

Serial/ID Plate		
Girders	Good	
Diaphragms	Unrated	Inside box beams
Bracing	Unrated	Inside box beams
Under Trussing		
Hardware		
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)	1.0	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	10.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Low	Brush and grade approaches
2		
3		

Item	Monitor Description	Frequency
1	Steel deck plate for further deformation	Routine Inspection
2		
3		

Sketch
(Select Signature)

CK-2086 CHILLIWACK SOUTH 4.4km 2017 Inspection

Approach from Left Bank when facing downstream

Deck deformation on wheel path

Deck

Looking upstream from deck

CK-2086 CHILLIWACK SOUTH 4.4km 2017 Inspection

Looking downstream from deck

Left Bank Abutment when facing downstream

Approach from Right Bank when facing downstream

Right Bank Abutment when facing downstream

Right Bank Abutment when facing downstream

Structure ID

Left Bank Abutment when facing downstream