CK-2496
CK-2496A

ENGLISH 2km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°39'41.5"	-121°52'7.2"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Side Creek
FSR #	5748
Branch #	29
Road Name	ENGLISH
User km	2
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	10 span: 8.1m
Deck Width (m)	5.8

Updated Data

Latitude	Longitude
49°39'41.5"	-121°52'7.27"

HD Diff. (m)	1.3	Accuracy (m)	7

Inspection

Date of Inspection: 2022-08-29 1:22:15 PM

Inspector Name: Cameron VandenBrink, EIT

Recommended Next Inspection: 2023

Inspection Company: Chartwell Resource Group Ltd

Inspector Comments: Serial/ID Plate

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 15 2023
Load rating: 91 tonnes or L100
Comments: increase compacted gravel depth of deck to 500mm to increase rating to 109 tonnes.
Next inspection: 2023

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Good	
Bridge Ahead Signs Missing	○ 0 ○ 1 ● 2	
Brushing Required	Y	
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Fair	Undersized logs
Posted Load Rating		Not posted
Road Surface	Good	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Fair	Fungus bodies in both sills
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware		
Fill	Good	
Riprap	Fair	
Bearings	Good	
Corrosion Protection		

Deck

Running Surface	Good	
Running Planks		
Sub Deck		
Ties		
Nails		
Deck to Girder Bolts		
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface	Good	
Curb Rail/Blocks/Posts	Fair	Not fastened
Hand Rails/Walkouts		
Hardware		
Overall Deck Condition	Fair	
Gravel Depth (mm)	300	
Pier Deck		

Steel/Concrete

Girders

Diaphragms

Bracing

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
1	Fd	Y	610		Fair	
2	Fd	Y	610		Fair	
3	Fd	Y	650		Fair	
4	Fd	Y	620		Fair	
5	Fd	Y	550		Fair	
6	Fd	Y	620		Fair	
7	Fd	Y	670		Fair	
8	Fd	Y	530		Fair	
9	Fd	Y	590		Fair	
10	Fd	Y	620		Fair	

Hazards

Estimated Present Water Level Depth (m)	.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	.5	Ic	☐		

Comments Monitor sill logs for scour and undermining

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Area/sight line brushing. m². Priority:Low	
2	Approach. Bridge Ahead Signs. # of signs. Priority:Low	
3	Structure. Brow/needle beams. m. Priority:Low	Fasten curb logs
4		
5		
6		
7		

Item	Monitor Description	Frequency
1	Currently has full bearing on both sills, however scour appears it will eventually undermine both sill logs due to lack of riprap.	Anually
2		
3		

Approach from Left Bank when facing downstream

Approach from bridge deck of Left bank approach when facing downstream

Upstream from Crossing

Downstream from Crossing

Approach from bridge deck of Right bank approach when facing downstream

Approach from Right Bank when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile

Downstream Profile

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Fungus

Right Bank Abutment when facing downstream