

CK-2496
CK-2496A

ENGLISH 2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°39'41.5" Longitude -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 49°39'41.5" Longitude -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

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2023

Inspection Company Chartwell Resource Group Ltd

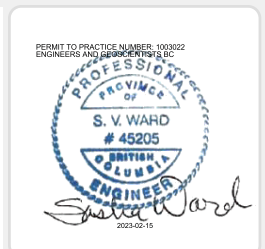
P.Eng Comments

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

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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

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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

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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	

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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
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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



Right Bank Abutment when facing downstream



Fungus



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream