

CK-2002
CK-2002

AMERICAN 4.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°25'37.8" Longitude -121°28'50.7"

Site Status Active

Insp. Status Inspect

Crossing Name Three Mile Creek

FSR # 8123 Branch # 1

Road Name AMERICAN

User km 4.6

Previous Load Rating (tonnes) 63

Structure Class Permanent Bridge

Portable N

Superstructure Compo Girders

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 27.7

Deck Width (m) 4.9

Updated Data

Latitude 49°25'38.23" Longitude -121°28'50.84"

HD Diff. (m) 13.4 Accuracy (m) 6

Inspection

Date of Inspection 2022-08-30 1:48:34 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

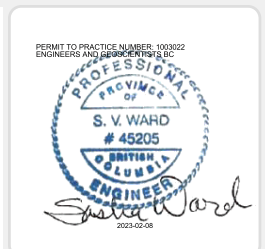
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2022

Load rating: 63 tonnes, maintain existing rating

Comments: I compared photos of cast in place concrete retaining wall from last two inspections, there does not appear to be significant changes. 2021 inspected required a repair of an approach fill slope, though there is not indication that repairs were completed, fill slopes and approaches were rated as 'Good' in this inspection. Continued monitoring of fill slopes recommended.

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair HC

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor Rotten guide logs, recommend replacing all 4 corners

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Fair Old concrete retaining wall on town side. Roughly 5m horizontally in front of new bearings.

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Fair Woods bedrock and town side sufficient protection.

Bearings Fair Minor bulging

Corrosion Protection Fair

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Good

Sediment on decl

Grout Pockets

Good

Deck Joints

Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Good

Hardware

Good

Overall Deck Condition

Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Compo 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

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Hazards

Estimated Present Water Level Depth (m) .2

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 1

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance 4

Ic ☐

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1 Approach. Area/sight line
brushing. m². Priority:Low

2 Approach. Approach fenders Install 4 new barriers
(install). # of units.
Priority:Medium

3 Structure. Add Load Rating
Signs. # sites. Priority:Low

4

5

6

7

Item	Monitor Description	Frequency
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1

2

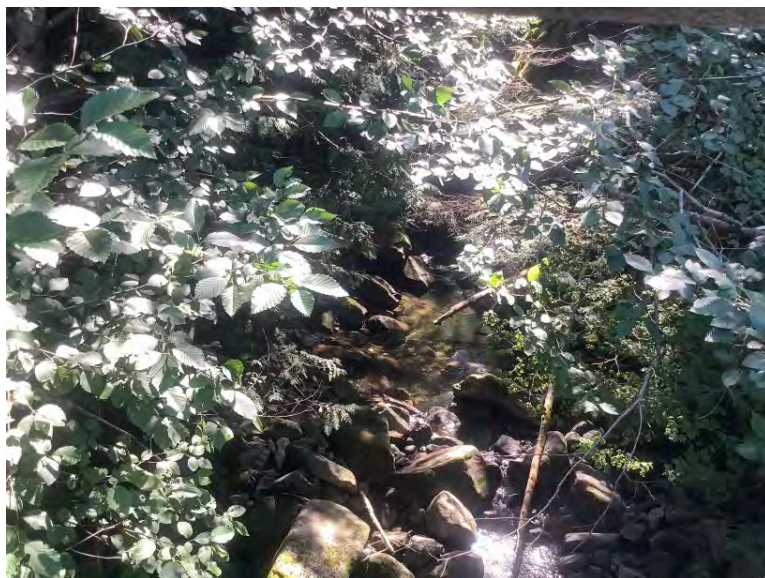
3



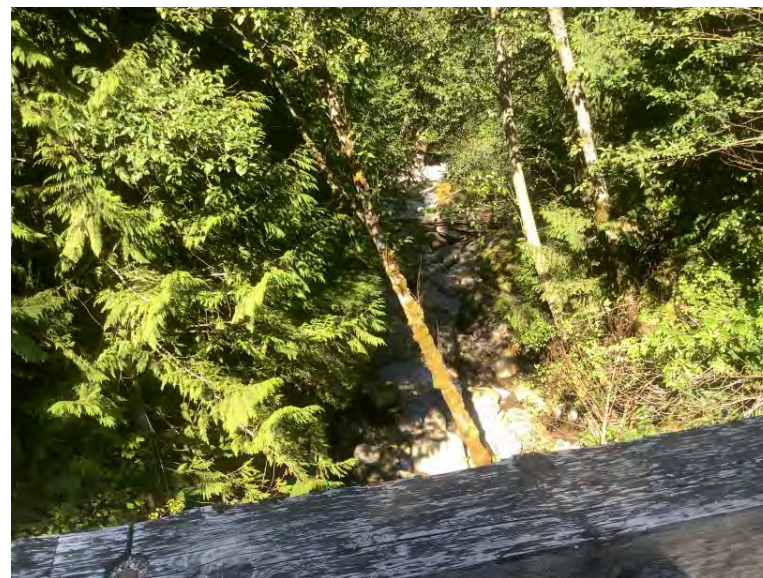
Approach from Right Bank when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Bearing



Upstream Profile



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream