

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°6'40.6" Longitude -121°37'54.3"

Site Status Active

Insp. Status Inspect

Crossing Name Foley Creek

FSR # 5127 Branch # 10

Road Name BENCH

User km 2.1

Previous Load Rating (tonnes) 54

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) 24

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5467042.5 Accuracy (m)

Inspection

Date of Inspection 2022-07-19 12:00:55 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2025

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

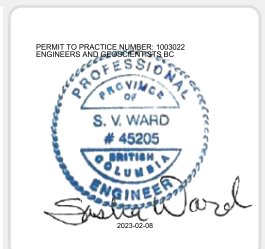
P.Eng Comments

Load rated by: MoF Sasha Ward RPF P.Eng, Feb 6 2023

Load rating: maintain L60, 54 tonnes

Comments: hairline fractures in girder were identified in last inspection but were not noted this year, continue to monitor, monitor rip rap as well.

Next inspection: 2025



PERMIT TO
PRACTICE: 1003022

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment Fair

HC both approaches. Junction on right bank approach to go up Foley.

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y Minor

Delineator Missing
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill

Riprap Monitor upstream right bank and downstream left bank

Bearings Good

Corrosion Protection Fair Starting to flake

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface **Fair**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Good**

Grout Pockets **Good**

Deck Joints **Good**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



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
--------------------	---------	--------	------------------	-------------------	-----------	---------

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)	1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	13	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Add Load Rating Signs. # sites. Priority:Low	Install load rating signs
2 Structure. Delineator maintenance. . Priority:Medium	Replace missing delineator.

3

4

5

6

7

Item	Monitor Description	Frequency
1	Upstream right and downstream left riprap	Routine Inspection

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



Upstream Profile



Scour right bank upstream



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Mobilized riprap downstream left bank

CK-2075
CK-2075

BENCH 2.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Superstructure