

CK-2073
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BENCH 1.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°6'32" Longitude -121°38'45.6"

Site Status Active

Insp. Status Inspect

Crossing Name Chipmunk Creek

FSR # 5127 Branch # 10

Road Name BENCH

User km 1.5

Previous Load Rating (tonnes) 68

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Removable

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 21.3

Deck Width (m) 4.9

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5466776.5 Accuracy (m)

Inspection

Date of Inspection 2022-07-19 11:19:57 AM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2025

Inspection Company Chartwell Resource Group Ltd

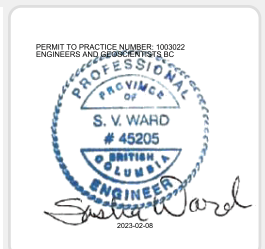
Inspector Comments Serial/ID Plate

1.8 measured from placed woody debris to underside of girder.

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2023
Load rating: maintain 68 tonne rating, though deck joint requires repair ASAP

Next inspection: 2023



PERMIT TO PRACTICE: 1003022

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Approach

Alignment Fair

HC left approach, HC/VC right approach

Bridge Ahead Signs

Missing

☐ 0

☒ 1

☐ 2

Left approach

Brushing Required N

Delineator Missing

Left

☐ 0

☐ 1

☒ 2

Delineator Missing

Right

☐ 0

☒ 1

☐ 2

Fender Condition Good

Posted Load Rating 68040

Road Surface Fair

Pothole with ballast wall impact downstream right corner of bridge.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Minor damage noted at road surface.

Wing Wall

Bracing Good

Hardware

Fill

Riprap

Bearings Good

Corrosion Protection Fair

Starting to flake off.

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Deck

Running Surface Fair Pothole with ballast wall impact downstream right corner of bridge.

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Damaged first joint right approach. Has punched a hole through and spalled beneath. See photo

Grout Pockets Good Exposed 2, good condition

Deck Joints Fair Appears to be rubber gasket in joint. Joint one right bank has failed. Others appear to be holding up.

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Showing signs of age. Downstream left bank first section has been impacted. It is leaning but still functional.

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Fair Due to spalled joint one right bank

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 4 bolted bays

Bracing Good

Under Trussing

Hardware Good Bolted connections

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)	1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.8	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Joint maintenance. m². Priority:Medium	Joint 1 right bank punched and spalled out bottom of slab.Requires repair to stop from worsening.
2 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Post on left approach. Also replace paint single lane bridge and load rating on left approach
3 Approach. Approach surfacing grading. m. Priority:Low	Grade and ballast to limit damage to ballast wall tops. Complete prior to industrial activity.
4 Structure. Delineator maintenance. . Priority:Low	Install 3 missing delineators

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Load Rating Sign



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Approach from Left Bank when facing downstream



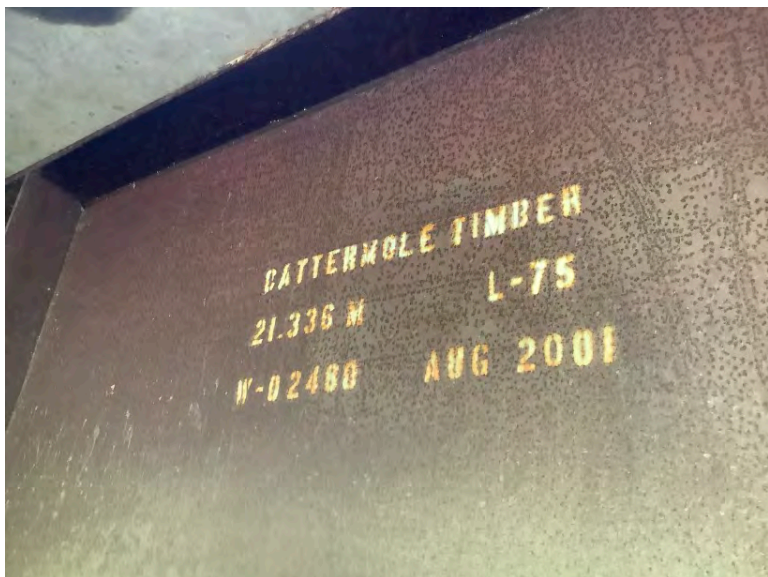
Upstream Profile



Superstructure



Right Bank Abutment when facing downstream



Structure ID



Guard Rail



Deck



Left Bank Abutment when facing downstream



Deck



Downstream Profile



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Approach pothole with ballast wall wear