

SQ-3180
SQ-3180A

MILLER BENCH 2.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°22'47.2" Longitude -122°52'21.7"

Site Status Active

Insp. Status Inspect

Crossing Name Trib to Ryan River

FSR # 9717 Branch # 1

Road Name MILLER BENCH

User km 2.6

Previous Load
Rating (tonnes) 63

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 3.6

Deck Width (m) 5.4

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5608251.2 Accuracy (m)

Inspection

Date of Inspection 2022-09-29 8:36:14 AM

Inspector Name Forrest Simpson

Recommended Next Inspection 2025

Inspection Company MoF

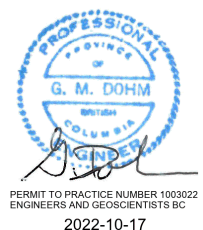
Inspector Comments Serial/ID Plate

Low flow stream, no riprap. Check records to see how high lock block stack. If only 2 high Right bank sitting on stream and at risk of undermining. Lock blocks appear to be leaning slightly. Likely from install. Monitor both items.

Post Inspection note: span is short, no shear connectors required, per G. Dohm.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 12, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2 Not needed

Brushing Required **Y**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating **63** Town approach

Road Surface **Fair** Potholes town approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills **Good**

Piles or Posts

Ballast Wall **Good** Lock blocks appear to be leaning slightly.

Wing Wall

Bracing

Hardware

Fill **Good**

Riprap **Unrated** None.

Bearings **Good**

Corrosion Protection

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Deck

Running Surface **Good** Potholes town approach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck **Fair** damaged patches on top, edge

Grout Pockets

Deck Joints **Unrated** Not visible. Likely grouted connectors

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Wood rails.

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Surface damage on top

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)	.3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Concrete structural maintenance. m ² . Priority:Medium	Repair deck surface and edge
2 Approach. Approach fill repair. m ³ . Priority:Medium	Fill potholes town side
3 Approach. Area/sight line brushing. m ² . Priority:Low	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Right bank abutment for scour	Routine Inspection
2	Lock blocks for leaning	Routine Inspection
3		



Approach from Right Bank when facing downstream



Deck



Deck



Deck



Approach from Left Bank when facing downstream



Structure ID



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Upstream from Crossing



Downstream from Crossing



Bearing