

SQ-3178

MILLER BENCH 01 1.9km

2019 Inspection



CBR iPad Offline Ver 0.31

## CBR Data

|                               |                       |
|-------------------------------|-----------------------|
| Latitude                      | Longitude             |
| 50°22'27.9"                   | -122°52'5.5"          |
| Crossing Name                 | Trib to Ryan River    |
| FSR #                         | 9717                  |
| Branch #                      | 1                     |
| Road Name                     | MILLER BENCH 01       |
| User km                       | 1.9                   |
| Previous Load Rating (tonnes) | 68                    |
| 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)              | 4                     |
| Deck Width (m)                | 4.3                   |

## Updated Data

|              |           |
|--------------|-----------|
| Latitude     | Longitude |
| °0'0"        | °0'0"     |
| HD Diff. (m) | 5607654.4 |
| Accuracy (m) |           |

## Inspection

Date of Inspection 2019-09-17 1:47:33 PM

Inspector Name Richard Mills

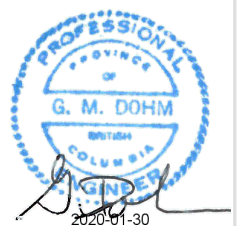
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

## P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 30, 2020  
Load Rating: L75 or 68 tonnes  
Next Inspection: 2022  
Comments: replace rotten curb rail



P.Eng Seal

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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 Poor No post mis-aligned.

Posted Load Rating 68

Road Surface Fair Potholes at approach

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Pier N/A

Concrete Good

Caps or Sills Good

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap N/A

Bearings Good

Corrosion Protection N/A

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**Deck**

|                        |      |                           |
|------------------------|------|---------------------------|
| Running Surface        | Fair | Potholes at approach      |
| Running Planks         | N/A  |                           |
| Sub Deck               | N/A  |                           |
| Ties                   | N/A  |                           |
| Nails                  | N/A  |                           |
| Deck to Girder Bolts   | N/A  |                           |
| Concrete Deck          | Good |                           |
| Grout Pockets          | N/A  |                           |
| Deck Joints            | Good |                           |
| Steel Deck Plate       | N/A  |                           |
| Gravel Surface         | N/A  |                           |
| Curb Rail/Blocks/Posts | Poor | Upstream guardrail rotten |
| Hand Rails/Walkouts    | N/A  |                           |
| Hardware               | Good |                           |
| Overall Deck Condition | Fair |                           |
| Gravel Depth (mm)      |      |                           |
| Pier Deck              | N/A  |                           |

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**Steel/Concrete**

Girders Good

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted  
shear connectors N/A**Log**

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

| Stringer<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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### Hazards

|                                          |     |             |                          |        |                          |
|------------------------------------------|-----|-------------|--------------------------|--------|--------------------------|
| Estimated Present Water Level Depth (m)  | 0   | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 0   | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 1.5 | Ice         | <input type="checkbox"/> |        |                          |

Comments

### Repairs and Monitoring

| Repair |          | Repair Description                                   |
|--------|----------|------------------------------------------------------|
| Item   | Priority |                                                      |
| 1      | High     | Replace upstream side guardrail. Downstream side ok. |
| 2      | High     | Re- set no post barriers                             |
| 3      | Low      | Fill pothole at approach                             |

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
| 1    |                     |           |
| 2    |                     |           |
| 3    |                     |           |

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Guard Rail



Approach from Left Bank when facing downstream



Approach Barrier



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream