

QC-7116

QC\_MAI1000 0.4km

2018 Inspection



CBR iPad Offline Ver

## CBR Data

|                              |                               |
|------------------------------|-------------------------------|
| Latitude                     | Longitude                     |
| 53°47'40.59"                 | -132°25'18.6"                 |
| Crossing Name                | Unknown                       |
| FSR #                        | 10175                         |
| Branch #                     | 04                            |
| Road Name                    | QC_MAI1000                    |
| User km                      | 0.4                           |
| Current Load Rating (tonnes) | 150                           |
| Structure Class              | Temporary Bridge              |
| Portable                     | N                             |
| Superstructure               | Steel I-beam                  |
| Deck Type                    | Concrete Composite            |
| Abutment Left                | Crib, Log or Untreated Timber |
| Abutment Right               | Crib, Log or Untreated Timber |
| Spans                        | 1                             |
| Total Length (m)             | 9.1                           |
| Deck Width (m)               | 4.8                           |

## Updated Data

|              |                |
|--------------|----------------|
| Latitude     | Longitude      |
| 53°47'40.69" | -132°25'18.51" |
| HD Diff. (m) | 3.1            |
| Accuracy (m) | 5              |

## Inspection

Date of Inspection 2018-09-19 2:16:04 PM

Inspector Name Robert Kemmler

Inspector Comments Serial/ID Plate

Clean deck so grout pockets, joints and deck can be inspected.

Recommended Next Inspection Year 2020

Inspection Company Onsite Engineering

## P.Eng Comments

Load Rated by: MFLNRO, J. Harvey P.Eng., February 5, 2018

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



February 6 2019

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## Approach

Alignment **Poor**

Sharp horizontal curve on Right approach

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2Brushing Required **N**Delineator Missing  
Left ☐ 0 ☐ 1 ☒ 2Delineator Missing  
Right ☐ 0 ☐ 1 ☒ 2Fender Condition **Fair**Posted Load Rating **0**

Not posted

Road Surface **Fair**

## Abutment

Log/Timber Cribs **Good**

Large Cw sills on mudsills.

Tie Backs **N/A**Bin Wall **N/A**Concrete **N/A**Caps or Sills **Good**Piles or Posts **N/A**Ballast Wall **Good**

Concrete on right side, Sx or Hw on left side.

Wing Wall **N/A**Bracing **N/A**Hardware **N/A**Fill **Good**Riprap **N/A**Bearings **Good**Corrosion Protection **Fair**

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**Deck**

|                        |         |                                                        |
|------------------------|---------|--------------------------------------------------------|
| Running Surface        | Fair    |                                                        |
| Running Planks         | N/A     |                                                        |
| Sub Deck               | N/A     |                                                        |
| Ties                   | N/A     |                                                        |
| Nails                  | N/A     |                                                        |
| Deck to Girder Bolts   | N/A     |                                                        |
| Concrete Deck          | Fair    |                                                        |
| Grout Pockets          | Unrated | Unable to inspect grout pockets due to debris on deck. |
| Deck Joints            | Fair    |                                                        |
| Steel Deck Plate       | N/A     |                                                        |
| Gravel Surface         | N/A     |                                                        |
| Curb Rail/Blocks/Posts | Good    |                                                        |
| Hand Rails/Walkouts    | N/A     |                                                        |
| Hardware               | Fair    |                                                        |
| Overall Deck Condition | Good    |                                                        |
| Gravel Depth (mm)      | 0       |                                                        |

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**Steel/Concrete**Girders **Fair**Diaphragms **Fair**Bracing **Fair**Under Trussing **Fair**Hardware **Fair**Welded/grouted  
shear connectors **Unrated**

Unable to inspect due to debris on deck.

**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)  | 0.4 | High Water  | Debris |
| Estimated Present Water Level Width (m)  | 1.5 | Aggradation | Scour  |
| Estimated High Water Level Clearance (m) | 2.5 | Ice         |        |

Comments

### Repairs and Monitoring

| Repair Item | Priority | Repair Description                       |
|-------------|----------|------------------------------------------|
| 1           | High     | Install delineators on all four corners. |

2

3

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

1

2

3

Sketch  
(Select Signature)