

QC-7704

QC\_LGS1000 2.27km

2018 Inspection



CBR iPad Offline Ver

## CBR Data

|                              |                               |
|------------------------------|-------------------------------|
| Latitude                     | Longitude                     |
| 53°28'48.39"                 | -132°3'49.5"                  |
| Crossing Name                | Unknown                       |
| FSR #                        | 10141                         |
| Branch #                     | 01A                           |
| Road Name                    | QC_LGS1000                    |
| User km                      | 2.27                          |
| Current Load Rating (tonnes) | 30                            |
| Structure Class              | Temporary Bridge              |
| Portable                     | N                             |
| Superstructure               | Log Stringers                 |
| Deck Type                    | Gravel                        |
| Abutment Left                | Crib, Log or Untreated Timber |
| Abutment Right               | Crib, Log or Untreated Timber |
| Spans                        | 1                             |
| Total Length (m)             | 6                             |
| Deck Width (m)               | 5.85                          |

## Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 53°28'47.94" | -132°3'49.46" |
| HD Diff. (m) | 14.3          |
| Accuracy (m) | 5             |

## Inspection

Date of Inspection 2018-09-17 8:51:53 AM

Inspector Name Robert Kemmler

Inspector Comments. Serial/ID Plate

Replace structure prior to industrial activity

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: 30 Tonnes GVW

Next Inspection: September 1, 2020

Comments: Replace structure. Post load rating sign

February 6 2019  
P.Eng Seal

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## Approach

Alignment **Good**

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required **N**

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Poor**

Approach barriers have been knocked off road surface.

Posted Load Rating **0**

None posted

Road Surface **Good**

## Abutment

Log/Timber Cribs **N/A**

Tie Backs **N/A**

Bin Wall **N/A**

Concrete **N/A**

Caps or Sills **Good**

Single Cw sills

Piles or Posts **N/A**

Ballast Wall **Good**

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        | Good |                                     |
| Running Planks         | N/A  |                                     |
| Sub Deck               | N/A  |                                     |
| Ties                   | N/A  |                                     |
| Nails                  | N/A  |                                     |
| Deck to Girder Bolts   | N/A  |                                     |
| Concrete Deck          | N/A  |                                     |
| Grout Pockets          | N/A  |                                     |
| Deck Joints            | N/A  |                                     |
| Steel Deck Plate       | N/A  |                                     |
| Gravel Surface         | Good |                                     |
| Curb Rail/Blocks/Posts | Poor | No curb logs                        |
| Hand Rails/Walkouts    | N/A  |                                     |
| Hardware               | N/A  |                                     |
| Overall Deck Condition | Fair |                                     |
| Gravel Depth (mm)      | 0.3  | Minimum gravel fill should be 0.6m. |

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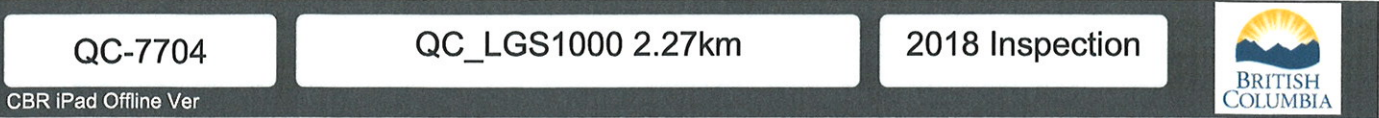
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## Steel/Concrete

## Girders

## Diaphragms

### Bracing

Under Trussing

Hardware

Welded/grouted  
shear connectors

## Log

Log Curbs **Poor**

|                        | Log Curb | Poor | No curb logs |
|------------------------|----------|------|--------------|
| 1. <i>Log Curb</i>     | 1.00     | 0.00 | 0.00         |
| 2. <i>Poor</i>         | 0.00     | 1.00 | 0.00         |
| 3. <i>No curb logs</i> | 0.00     | 0.00 | 1.00         |

Needle Beam N/A

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

| Needle Beam to Crib (m) | Needle Diameter (mm) |
|-------------------------|----------------------|
|-------------------------|----------------------|

Stringer  
Number

| Stringer | Species |
|----------|---------|
|----------|---------|

| Stringer | Species | Peeled |
|----------|---------|--------|
|----------|---------|--------|

| Stringer<br>Number | Species | Peeled | Diameter<br>(mm) |
|--------------------|---------|--------|------------------|
|--------------------|---------|--------|------------------|

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

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

| Stringer Number | Species | Peeled | Diameter (mm) | (mm) | Condition | Comment |
|-----------------|---------|--------|---------------|------|-----------|---------|
|-----------------|---------|--------|---------------|------|-----------|---------|

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### Hazards

|                                          |      |             |        |
|------------------------------------------|------|-------------|--------|
| Estimated Present Water Level Depth (m)  | 0.15 | High Water  | Debris |
| Estimated Present Water Level Width (m)  | 0.5  | Aggradation | Scour  |
| Estimated High Water Level Clearance (m) | 1.5  | Ice         |        |
| Comments                                 |      |             |        |

### Repairs and Monitoring

#### Repair

| Item | Priority | Repair Description                                                                          |
|------|----------|---------------------------------------------------------------------------------------------|
| 1    | Medium   | Consider installing approach barriers, curb logs and adding 0.3m of gravel fill over deck.. |
| 2    | Low      | Consider installing bridge ahead signs                                                      |
| 3    |          |                                                                                             |

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

Sketch  
(Select Signature)