

CK-2379

LEASE 0.7km

2018 Inspection

CBR iPad Offline Ver 0.28



## CBR Data

|                              |                            |          |   |
|------------------------------|----------------------------|----------|---|
| Latitude                     | Longitude                  |          |   |
| 49°19'43.7"                  | -122°15'27.5"              |          |   |
| Crossing Name                | Unknown                    |          |   |
| FSR #                        | 8466                       | Branch # | 3 |
| Road Name                    | LEASE                      |          |   |
| User km                      | 0.7                        |          |   |
| Current Load Rating (tonnes) | 63                         |          |   |
| Structure Class              | Permanent Bridge           |          |   |
| Portable                     | N                          |          |   |
| Superstructure               | Concrete Slab Girders      |          |   |
| Deck Type                    | Concrete                   |          |   |
| Abutment Left                | Steel Pipe and Precast Pad |          |   |
| Abutment Right               | Steel Pipe and Precast Pad |          |   |
| Spans                        | 1                          |          |   |
| Total Length (m)             | 12                         |          |   |
| Deck Width (m)               | 6                          |          |   |

## Updated Data

|              |                |              |    |
|--------------|----------------|--------------|----|
| Latitude     | Longitude      |              |    |
| 49°19'43.48" | -122°15'27.92" |              |    |
| HD Diff. (m) | 10.9           | Accuracy (m) | 10 |

CL-625 or 63 tonnes

## Inspection

Date of Inspection 2018-04-25 1:24:06 PM

Inspector Name Tyson Miller

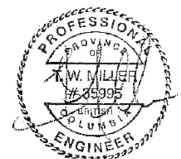
Recommended Next Inspection Year 2021

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace damage noted to slab ends. Replace guardrail, risers and blocks; clean sediment from deck and grade approaches. Present load rating of CL-625 or 63 tonnes to continue.



17/01/2019

P.Eng Seal

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## Approach

Alignment Fair

HC left approach

Bridge Ahead Signs  
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing  
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Not posted

Road Surface Fair

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall Fair

Minor installation damage noted and material starting to erode from under upstream right bank

Concrete

Caps or Sills Good

Cap/wall combo

Piles or Posts Unrated

Buried

Ballast Wall Good

Wing Wall

Bracing Unrated

Buried

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

|                        |      |                                       |
|------------------------|------|---------------------------------------|
| Curb Rail/Blocks/Posts | Poor | Cored random blocks and up to 50% rot |
|------------------------|------|---------------------------------------|

Hand Rails/Walkouts

Hardware Fair

|                        |      |                       |
|------------------------|------|-----------------------|
| Overall Deck Condition | Poor | Due to rail condition |
|------------------------|------|-----------------------|

Gravel Depth (mm)

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**Steel/Concrete**

Girders Fair

7 slabs with damage noted at ends on wheel path

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted  
shear connectors Good**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)  | 0.5 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 2.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 5.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description                           |
|-------------|----------|----------------------------------------------|
| 1           | Medium   | Repair damage to concrete slabs              |
| 2           | Medium   | Replace guardrail, risers and blocks         |
| 3           | Medium   | Clean sediment off deck and grade approaches |

| Item | Monitor Description                           | Frequency          |
|------|-----------------------------------------------|--------------------|
| 1    | Material eroding from upstream right bin wall | Routine Inspection |
| 2    |                                               |                    |
| 3    |                                               |                    |

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Welded shear connectors - typical



Approach from Left Bank when facing downstream



Damage to slabs noted at left bank



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Material under upstream right abutment binwall eroding



Minor damage noted at few location on bin wall - typical



Upstream Profile