

CK-2214

PEERS CREEK 0.3km

2016 Inspection



CBR iPad Offline Ver 0.23

## CBR Data

|                              |                            |
|------------------------------|----------------------------|
| Latitude                     | Longitude                  |
| 49°23'2.77"                  | -121°19'1.83"              |
| Crossing Name                | Peers Creek                |
| FSR #                        | 8126                       |
| Branch #                     | 1                          |
| Road Name                    | PEERS CREEK                |
| User km                      | 0.3                        |
| Current Load Rating (tonnes) | 54                         |
| Structure Class              | Temporary Bridge           |
| Portable                     | N                          |
| Superstructure               | Steel I-beam               |
| Deck Type                    | Timber - Untreated         |
| Abutment Left                | Steel Pipe and Precast Pad |
| Abutment Right               | Steel Pipe and Precast Pad |
| Spans                        | 1                          |
| Total Length (m)             | 19.6                       |
| Deck Width (m)               | 4.3                        |

## Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°23'2.83"  | -121°19'1.66" |
| HD Diff. (m) | 3.9           |
| Accuracy (m) | 10            |

## Inspection

Date of Inspection 2016-08-17 9:02:12 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace wear planks; brush approaches; replace missing delineators; post bridge ahead signs and grade approaches, prior to industrial use. Present load rating of L60 or 54 tonnes to continue.



24/02/2017

P.Eng Seal

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## Approach

Alignment Fair

HC right approach

 Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

 Delineator Missing  
Left ☐ 0 ☐ 1 ☒ 2

 Delineator Missing  
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

not posted

Road Surface Poor

potholes, requires grading prior to use

## Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Fair

Caps or Sills Fair

Piles or Posts Fair

Ballast Wall Fair precast - not connected to girders

Wing Wall Fair precast

Bracing Fair only appears to be 1 set - steep angle

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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**Deck**

|                        |      |                                         |
|------------------------|------|-----------------------------------------|
| Running Surface        | N/A  | potholes, requires grading prior to use |
| Running Planks         | Poor | holes showing                           |
| Sub Deck               | Good | treated creosote                        |
| Ties                   | Good | treated creosote                        |
| Nails                  | Poor | protruding through planks               |
| Deck to Girder Bolts   | Good |                                         |
| Concrete Deck          | N/A  |                                         |
| Grout Pockets          | N/A  |                                         |
| Deck Joints            | N/A  |                                         |
| Steel Deck Plate       | N/A  |                                         |
| Gravel Surface         | N/A  |                                         |
| Curb Rail/Blocks/Posts | Fair |                                         |
| Hand Rails/Walkouts    | N/A  |                                         |
| Hardware               | N/A  |                                         |
| Overall Deck Condition | Poor | due to planks                           |
| Gravel Depth (mm)      |      |                                         |

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**Steel/Concrete**

Serial/ID Plate

Girders Good minor surface corrosion

Diaphragms Good

Bracing Good

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)  | 0.3 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/> |
| Estimated Present Water Level Width (m)  | 8.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 3.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description                                 |
|-------------|----------|----------------------------------------------------|
| 1           | Medium   | replace wear planks prior to use                   |
| 2           | Medium   | replace missing delineators and bridge ahead signs |
| 3           | Medium   | brush approaches                                   |

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

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



superstructure



Left Bank Abutment when facing downstream



minor damage to concrete ballast wall

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