

CK-2171  
CK-2171

## LOST CREEK 17.8km

2020 Inspection

CBR iPad Offline Ver 0.33



### CBR Data

|                               |                            |
|-------------------------------|----------------------------|
| Latitude                      | Longitude                  |
| 49°23'33.29"                  | -122°14'7.8"               |
| Crossing Name                 | Kenyon Creek               |
| FSR #                         | 8466                       |
| Branch #                      | 1                          |
| Road Name                     | LOST CREEK                 |
| User km                       | 17.8                       |
| Previous Load Rating (tonnes) | 20                         |
| 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)              | 16.3                       |
| Deck Width (m)                | 4.4                        |

### Updated Data

|              |               |
|--------------|---------------|
| Latitude     | Longitude     |
| 49°23'32.53" | -122°14'8.66" |
| HD Diff. (m) | 29.4          |
| Accuracy (m) | 10            |
| 5 tonnes     |               |

### Inspection

Date of Inspection 2020-06-11 12:32:35 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace the entire timber deck and guardrail system. Replace the missing delineators, brush and grade approaches and post bridge ahead signs. Take the additional CRB at both downstream approach locations and add them to the upstream ones. Limit loading to 5 tonnes, post load rating signs.



P.Eng Seal

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## Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs  
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing  
Left ☐ 0 ☒ 1 ☐ 2

Delineator Missing  
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Good

Posted Load Rating

Not posted

Road Surface Poor

Large potholes at both approaches

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good Treated timbers

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection

Does not appear as though it was coated

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### Deck

Running Surface      Large potholes at both approaches

Running Planks      Poor      Rotten

Sub Deck      Poor      Rotten

Ties      Poor      Rotten

Nails      Poor      Protruding

Deck to Girder Bolts      Fair

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts      Poor      Rotten

Hand Rails/Walkouts

Hardware      Poor      Loose rail bolts

Overall Deck Condition      Poor      Rotten

Gravel Depth (mm)

Pier Deck

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## Steel/Concrete

Girders Fair Minor surface corrosion

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware

Welded/grouted  
shear connectors

## 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)  | 9.0 | Aggradation | <input type="checkbox"/> | Scour  | <input type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 2.0 | Ice         | <input type="checkbox"/> |        |                          |

Comments

### Repairs and Monitoring

| Repair Item                                                                  | Repair Description                      |
|------------------------------------------------------------------------------|-----------------------------------------|
| 1 Approach. Approach surfacing grading. m. Priority:Medium                   | Grade approaches                        |
| 2 Approach. Area/sight line brushing. m². Priority:Medium                    | Brush approaches                        |
| 3 Structure. Major redecking (crossties or laminated deck). m. Priority:High | Replace timber deck                     |
| 4 Low                                                                        | Replace all delineators                 |
| 5 Medium                                                                     | Post bridge ahead and load rating signs |
| 6                                                                            |                                         |
| 7                                                                            |                                         |

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



Approach from Right Bank when facing downstream



Deck



Plank condition



Upstream from Crossing



Downstream from Crossing



Subdeck condition



Tie condition



Guardrail condition



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Downstream left bearing



Downstream bearing



Left Bank Abutment when facing downstream