

CK-2171

LOST CREEK 17.8km

2018 Inspection

CBR iPad Offline Ver 0.28



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		
Current Load Rating (tonnes)	40		
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°23'32.66"	-122°14'8.85"		
HD Diff. (m)	29.0	Accuracy (m)	5
20 tonnes			

Inspection

Date of Inspection 2018-04-25 12:25:29 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2020

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Replace the ties, running 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 20 tonnes until the deck assembly has been replaced. Post load rating signs.



P.Eng Seal

CK-2171

LOST CREEK 17.8km

2018 Inspection



CBR iPad Offline Ver 0.28

Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Poor

No surfacing material

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

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 Fair

Does not appear as though steel was coated

CK-2171

LOST CREEK 17.8km

2018 Inspection

CBR iPad Offline Ver 0.28



Deck

Running Surface

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

Fair

Overall Deck Condition

Poor

Replace entire deck assembly when active

Gravel Depth (mm)

CK-2171

LOST CREEK 17.8km

2018 Inspection

CBR iPad Offline Ver 0.28

**Steel/Concrete**

Girders Fair

Surface corrosion

Diaphragms Fair

4 welded bays

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

CK-2171

LOST CREEK 17.8km

2018 Inspection

CBR iPad Offline Ver 0.28



Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	8.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace ties, subdeck, planks, guardrail and risers with activity
2	Medium	Brush, surface, ditch and grade with activity
3	Medium	Take extra CRB-H at both downstream locations and add them to upstream
4	Medium	Post bridge ahead signs

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Missing CRB



Looking upstream from deck



Looking downstream from deck



Missing CRB-H



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream



Upstream Profile