

CK-2171

LOST CREEK 17.8km

2016 Inspection

CBR iPad Offline Ver 0.23



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)	41
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°23'33.29"	-122°14'7.93"
HD Diff. (m)	2.6
Accuracy (m)	5

Inspection

Date of Inspection 2016-08-31 11:42:56 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

The entire timber deck system is rotting and requires replacement prior to industrial use. Limit loading to 40 tonnes until the entire deck system has been replaced. Please post load rating. Replace missing delineators and post bridge ahead signs.



16/02/2017

P.Eng Seal

CK-2171

LOST CREEK 17.8km

2016 Inspection



CBR iPad Offline Ver 0.23

Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

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 N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Good

Ballast Wall Good

Wing Wall N/A

Bracing Good

Hardware Poor loose rail bolts

Fill Good

Riprap Good

Bearings Fair

Corrosion Protection N/A

CK-2171

LOST CREEK 17.8km

2016 Inspection

CBR iPad Offline Ver 0.23

**Deck**

Running Surface	N/A	
Running Planks	Poor	rotten
Sub Deck	Poor	rotten
Ties	Poor	rotten
Nails	Poor	protruding
Deck to Girder Bolts	Fair	
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	Poor	rotten
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	replace deck system prior to use
Gravel Depth (mm)		

CK-2171

LOST CREEK 17.8km

2016 Inspection



CBR iPad Offline Ver 0.23

Steel/Concrete

Serial/ID Plate

Girders Fair minor corrosion

Diaphragms Fair

Bracing Fair

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 Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment

CK-2171

LOST CREEK 17.8km

2016 Inspection

CBR iPad Offline Ver 0.23



Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	replace deck prior to industrial use

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Deck



looking upstream



looking downstream



right upstream bearing



Approach from Right Bank when facing downstream



ties showing signs of decay - up to 40%



right downstream bearing



Left Bank Abutment when facing downstream



minor delamination of bottom flange



Right Bank Abutment when facing downstream



left upstream bearing



superstructure



left downstream bearing