

CK-2172

LOST CREEK 18.8km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude Longitude
49°23'39.9" -122°14'30.3"

Road Name LOST CREEK
User km 18.8
Current Load Rating (tonnes) 10
Structure Class Temporary Bridge
Portable N
Superstructure Timber - untreated stringers
Deck Type Gravel
Abutment Left Crib, Log or Untreated Timber
Abutment Right Crib, Log or Untreated Timber
Spans 1
Total Length (m) 6.5
Deck Width (m) 9

Updated Data

Latitude Longitude
49°23'39.45" -122°14'31.09"
HD Diff. (m) 21.2 Accuracy (m) 5
Lost Creek
18.0
10 tonnes
Temporary Bridge
N
Timber - untreated stringers
Gravel
Sill -Temporary Materials
Sill -Temporary Materials
1
6.5
8.0

Inspection

Date of Inspection 2014-10-09 11:03:56 AM

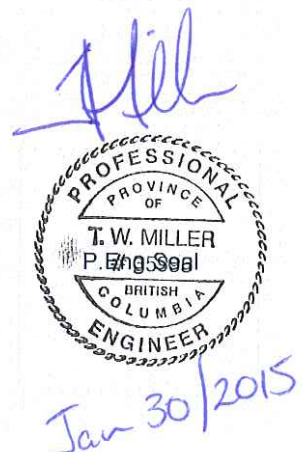
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

The structure cannot be properly inspected - cannot access all log stringers. The inlet is completely blocked with debris and requires cleaning. Replace the entire structure prior to industrial activity. 10 tonnes load rating to continue. The road that accesses this structure is in extremely poor shape and requires maintenance. Post load rating sign.



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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 Poor none

Posted Load Rating not posted

Road Surface Poor requires surfacing and grading

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair log sills

Piles or Posts N/A

Ballast Wall N/A

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Fair

Riprap Poor none

Bearings Fair

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Corrosion Protection N/A

Deck

Running Surface N/A

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface Fair hole in deck

Curb Rail/Blocks/Posts Poor none

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Poor due to rail

Gravel Depth (mm) 300

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Steel/Concrete

Girders

Diaphragms

Bracing

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)	Comment
1	Cw	Y	750	70	
2	Cw	Y	670	70	
3	Cw	Y	620	60	
4	Cw	Y	630	70	
5	Cw	Y	580	60	

cannot access the remaining stringers

6.5m span

0.3m fill

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Hazards

Estimated Present Water Level Depth (m)	0.1	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	1.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments cannot access underneath - use previous diameters. Structure not suitable for industrial traffic

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	replace prior to industrial activity
2	Medium	remove debris from inlet
3	High	post load rating sign

Monitor Item

Monitor Description

Monitoring Frequency

1	debris buildup at inlet	Annually
2	road condition	Annually
3		

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Inlet



Outlet