

CK-2167

LOST CREEK 8.4km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°20'26.09"	-122°14'32.3"
Road Name	LOST CREEK
User km	8.4
Current Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	Y
Superstructure	Steel Box Beam
Deck Type	Steel
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.95

Updated Data

Latitude	Longitude		
49°20'25.88"	-122°14'31.68"		
HD Diff. (m)	14.3	Accuracy (m)	5
Lost Creek	8.0	L75 or 68 tonnes	Temporary Bridge
Y	Steel Box Beam	Steel	Concrete Lock Blocks
Concrete Lock Blocks	Concrete Lock Blocks	1	24.4
4.9			

Inspection

Date of Inspection 2014-10-09 9:21:20 AM

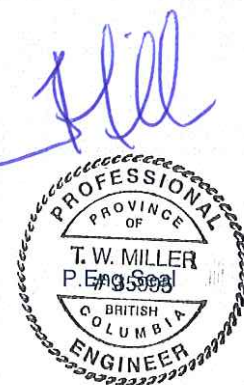
Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

The old timber cap that is holding up the old stringers underneath the existing superstructure is rotting and crushing. I recommend removing the old log stringers and timber cap before failure. These items need to be monitored until removed. Present load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Fair

 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 Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

lock blocks still vertical and not moving with settling old structure which is tied to lockblocks

Caps or Sills Fair

2 x 200mm x 200mm x 6096mm long - rot detected but not crushing. Old timber cap is rotten and crushing - should be removed

Piles or Posts N/A

Ballast Wall Fair

logs and timbers

Wing Wall Good

lock blocks

Bracing N/A

Hardware Good

geogrid between each row of blocks

Fill Good

Riprap Good

Bearings Good

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Corrosion Protection N/A

Deck

Running Surface Fair

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 Fair anti skid is worn off

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Unrated inside box beams

Bracing Unrated inside box beams

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)

Comment

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Hazards

Estimated Present Water Level Depth (m) .0

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 12.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 4.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	remove old structure underneath existing before failure due to rotten crushing timber caps
2	Medium	brush
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 log structure for failure especially since they are fastened to lock block abutments

Anually

2

3

Sketch
(Select Signature)

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Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Deck



Right Bank Abutment when facing downstream

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Downstream Profile



old structure underneath



Structure ID



Left Bank Abutment when facing downstream

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old structure timber cap crushing



old structure timber cap rotten and crushing



old log stringers fastened to lock block abutments