

CK-2300

UZTLIUS CREEK 13.4km

2015 Inspection

CBR iPad Offline Ver 0.20



CBR Data

Latitude	Longitude		
49°51'15.59"	-121°13'44.8"		
Crossing Name	not known		
FSR #	7972	Branch #	1
Road Name	UZTLIUS CREEK		
User km	13.4		
Current Load Rating (tonnes)	68		
Structure Class	Temporary Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Timber - Untreated		
Abutment Left	Crib, Log or Untreated Timber		
Abutment Right	Crib, Log or Untreated Timber		
Spans	1		
Total Length (m)	12.2		
Deck Width (m)	4		

Updated Data

Latitude	Longitude	
°0'0"	-121°13'44.8"	
HD Diff. (m)	5549759.0	Accuracy (m)

Inspection

Date of Inspection 2015-06-18 12:36:40 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Due to the rotting log stringers underneath the steel girders and the proximity of them to the sills I recommend removing the log stringers before the steel girders are compromised. Remove the log stringers and old log crib and replace. Limit loading to 40 tonnes until the structure has been replaced. Post load rating sign.



06/01/2016

P.Eng Seal

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Approach

Alignment Fair

 Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

 Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

 Delineator Missing
Right ☐ 0 ☐ 1 ☒ 2

Fender Condition Poor none

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs Fair

Tie Backs Poor tiebacks rotten

Bin Wall N/A

Concrete N/A

Caps or Sills Fair for steel girder

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware Fair

Fill Fair

Riprap Poor none in front

Bearings Fair

Corrosion Protection N/A

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**Deck**

Running Surface N/A

Running Planks Fair

Sub Deck N/A

Ties Fair

Nails Fair

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 Fair

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Serial/ID Plate

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware N/A

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments other log stringers drilled and much rot detected, with 1 stringer failing I suspect others will start to fail soon. because the log sill for the steel girder is very close to crib the structure may be compromised when the other stringers start to fail. recommend removing log stringers and replacing abutments prior to this happening.

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)

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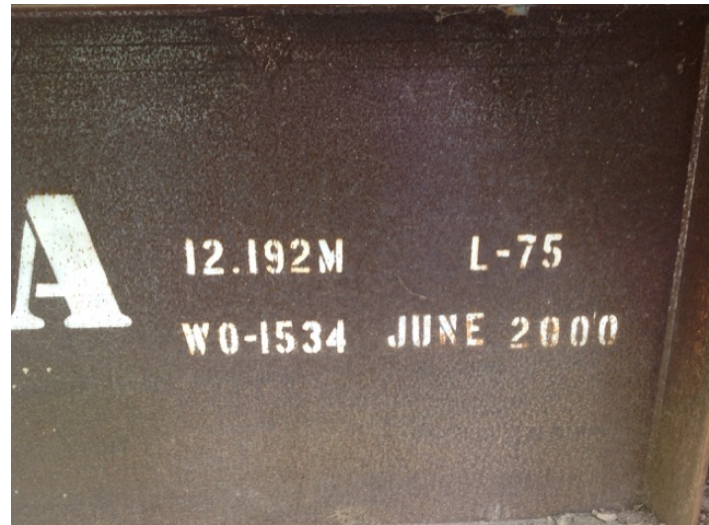
Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Structure ID

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deck to girders bolts



log stringer failure



log stringer failure



Right Bank Abutment when facing downstream

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Left Bank Abutment when facing downstream