

CK-2297

UZTLIUS CREEK 25.9km

2017 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude
49°50'38.5"	-121°17'12.7"
Crossing Name	not known
FSR #	7972
Branch #	1
Road Name	UZTLIUS CREEK
User km	25.9
Current Load Rating (tonnes)	
Structure Class	Temporary Bridge
Portable	N
Superstructure	Log Stringers
Deck Type	Gravel
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	4.3
Deck Width (m)	6.7

Updated Data

Latitude	Longitude
49°50'38.58"	-121°17'13.53"
HD Diff. (m)	16.8
Accuracy (m)	10
8.5	
6.0	
6.2	

Inspection

Date of Inspection 2017-08-23 11:21:51 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

5.0m span. There are buried stringers laying directly overtop the original stringers that cannot be fully assessed as they are obstructed from view. See record drawings for stringer information

P.Eng Comments

This structure is considered a wood box culvert at this span as opposed to a log stringer bridge. That said, if I use the information provided for the structure upgrade, the structure can withstand L100 loading. However, since the top layer of stringers have not been inspected properly (obstructed from view on the top due to the gravel deck and obstructed from view below due to the lower stringers) there is no way to provide an accurate rating. Limit loading to 30 tonnes until the top layer of stringers can be properly assessed. Post load rating sign.



26/01/2018

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required N

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

Fender Condition Fair

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs Poor Fd face logs with fruiting bodies visible and min 150mm sap rot

Tie Backs Poor Rotten and shearing off

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Poor None in front of cribs

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Hand Rails/Walkouts

Hardware

Fair

Outside stringers lashed to crib

Overall Deck Condition

Gravel Depth (mm)

300

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**Steel/Concrete**

Serial/ID Plate

Girders

See log stringer comments below

Diaphragms

Look for asbuilt information for information on the top layer of stringers

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)	Condition	Comment
1	Cw	Y	610	30		Sap rot
2	Cw	Y	530	30		Sap rot
3	Cw	Y	410	50		Sap rot
4	Cw	Y	350	50		Sap rot
5	Cw	Y	480	50		Sap rot
6	Cw	Y	510	130		30mm Sap and heart rot
7	Cw	Y	580	20		Sap rot
8	Cw	N	530	30		Sap rot
9	Cw	N	430	30		Sap rot
10	Cw	N	420			
11	Cw	N	430	30		Sap rot
12	Cw	Y	470	10		Sap rot
13	Cw	Y	520	50		Sap rot
14	Cw	Y	560	30		Sap rot
15	Cw	Y	630	30		Sap rot

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Post load rating sign
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Looking upstream from deck



Deck



Looking downstream from deck



Approach from Left Bank when facing downstream



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Cribs in poor condition, greater than 150mm sap rot