

CK-2290

UZTLIUS CREEK 16.7km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude		
49°47'30.99"	-121°21'19.5"		
Crossing Name	not known		
FSR #	7972	Branch #	1
Road Name	UZTLIUS CREEK		
User km	16.7		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Steel I-beam		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	21.3		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5542813.9	Accuracy (m)
N		

Inspection

Date of Inspection 2016-09-14 12:01:48 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.
Curbs need replacement for industrial use.

P.Eng Comments

Replace guardrail, risers and blocks; post bridge ahead signs; replace missing delineators; brush approaches. Present load rating of L75 or 68 tonnes to continue.



01/03/2017

P.Eng Seal

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Approach

Alignment Fair

Curve on right approach.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

Light on two corners.

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

Fender Condition Good

Large logs

Posted Load Rating 0

Not posted

Road Surface Fair

Potholes on right end.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good

Steel plates and rubber pads.

Piles or Posts Good

Ballast Wall Good

Concrete

Wing Wall N/A

Bracing Good

Hardware Fair

Loose rail bolts. Re-usable for new rails.

Fill Good

Riprap Good

A 5cm +/- metal pipe goes over riprap on USRB from ballast wall to the stream.

Bearings Good

Corrosion Protection Good

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Deck

Running Surface	Fair	Potholes on right end.
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Surface wear and pitting from equipment
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Risers and blocks are rotten. Rails are fair to poor and curbs are loose.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to loose and rotten curbs.
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate IOTA L75 SEPT 99

Girders Good

Diaphragms Good

Bracing Good

Under Trussing N/A

Hardware Good

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

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	6	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.5	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace curbs. Rails 250x250mm x 21.3m x 2. Blocks 250x250x80cm x 18 pieces. Risers 250x250x60cm x 18 pieces.
2	Medium	1. Post 2 bridge signs. 2. Brush approaches.
3	Medium	Post one right delineator.

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Right approach facing structure



Downstream from Crossing



Upstream Profile



Upstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Downstream Profile



Underside of bridge



Guard Rail

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Structure ID