

CK-2291

UZTLIUS CREEK 17.7km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude		
49°47'38.1"	-121°20'38.4"		
Crossing Name	not known		
FSR #	7972	Branch #	1
Road Name	UZTLIUS CREEK		
User km	17.7		
Current Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Compo Girders		
Deck Type	Concrete		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	13.4		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5543033.5	Accuracy (m)
N		

Inspection

Date of Inspection 2016-09-14 11:32:45 AM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.

Curbs must be replaced for industrial use. Bridge signs needed.

P.Eng Comments

Replace guardrail, risers and blocks; post bridge ahead signs; brush and grade approaches. Present load rating of L75 or 68 tonnes to continue. Inspect again in 2017.



01/03/2017

P.Eng Seal

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Approach

Alignment Fair

Curve on each end.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

Light brushing

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

Fender Condition Fair

Large logs

Posted Load Rating 0

Not posted

Road Surface Fair

Silty soils and mud track onto deck. Potholes on each end.

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Good

Concrete cap/wall combo

Piles or Posts Unrated

Buried

Ballast Wall Good

Concrete cap/wall combo

Wing Wall N/A

Bracing N/A

Hardware Poor

Loose due to rotting curbs but are re-usable for new curbs.

Fill Good

Riprap Fair

Small and rounded boulders but no scour occurring.

Bearings Good

Rubber pad

Corrosion Protection Unrated

On buried posts.

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**Deck**

Running Surface	Fair	Silty soils and mud track onto deck. Potholes on each end.
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	N/A	
Curb Rail/Blocks/Posts	Poor	Risers and blocks are rotten and rails are fair to poor.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to rotten risers and loose rail.
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No identity plate or stencil

Girders N/A

2 composite inverted channel beams with welded shear plates
inspect again next year as they were not rated

Diaphragms N/A

Bracing N/A

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Replace curbs. Rail 250x250x 13.4m x 2. Block 250x250 x 90cm x 10 pieces. Risers 250 x 250 x 65cm x 10 pieces.
2	Medium	Post 2 bridge signs
3	Medium	Grade and shape right approach to direct flow of sediments away from deck.

Item	Monitor Description	Frequency
1		Routine Inspection

2

3

Sketch
(Select Signature)



Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Upstream from Crossing



Upstream Profile



Downstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Underside of bridge



Downstream Profile