

CK-2298

UZTLIUS CREEK 27.5km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude		
49°51'5.79"	-121°16'10.5"		
Crossing Name	Uztlius Creek		
FSR #	7972	Branch #	1
Road Name	UZTLIUS CREEK		
User km	27.5		
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)	18.2		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5549456.0	Accuracy (m)
N		

Inspection

Date of Inspection 2016-09-12 11:15:53 AM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS
There are no major concerns with the bridge.

P.Eng Comments

Post bridge ahead signs and place appropriately sized guide logs or concrete no post barriers at either approach. Present load rating of L75 or 68 tonnes to continue.



02/03/2017

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

Small loose logs

Posted Load Rating 0

None posted

Road Surface Fair

Silty material tracks onto bridge

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 Good

Fill Good

Riprap Fair

Left upstream scouring under riprap.

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface	Good	Silty material tracks onto bridge
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Wearing, pitted.
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	Replaced since last inspection. No damaged curbs.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	Concrete deck is showing wear.
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)	4	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	3.5	Ice	☐		

Comments Riprap on upstream left abutment is being undermined and this could result in toppling of boulders.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Post 2 bridge signs.
2	Medium	Place fenders or concrete no post barriers at approaches.
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Left approach facing structure



Right approach facing away from structure



Left approach facing away from structure



Right approach facing structure



Upstream from Crossing



Deck



Downstream from Crossing



Upstream Profile



Left Bank Abutment when facing downstream



Underside of bridge



Right Bank Abutment when facing downstream



Downstream Profile

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Structure ID