

CK-2289

UZTLIUS CREEK 8.7km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



CBR Data

Latitude	Longitude		
49°50'33.1"	-121°21'32.8"		
Crossing Name	not known		
FSR #	7972	Branch #	1
Road Name	UZTLIUS CREEK		
User km	8.7		
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)	16.7		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude	
°0'0"	°0'0"	
HD Diff. (m)	5548444.8	Accuracy (m)
N		

Inspection

Date of Inspection 2016-09-15 12:58 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.

Curbs need replacement for industrial use. Bridge signs need posting. Monitor erosion of DSRB riprap.

P.Eng Comments

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



01/03/2017

P.Eng Seal

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Approach

Alignment Fair

Right approach has tight curve and 7% grade. Downstream curb has been damaged.

Bridge Ahead Signs
Missing
☐ 0
 ☐ 1
 ☒ 2

Brushing Required Y

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

Fender Condition Fair

Logs

Posted Load Rating 0

Not posted

Road Surface Fair

Potholes at each 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

Bolts are loose. They are re-usable.

Fill Good

Riprap Fair

Eroded downstream but little apparent change from last inspection.

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface	Fair	Potholes at each 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 considerable pitting
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Poor	Rotting blocks and risers; curbs fair to poor. The DSRB rail is damaged.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Poor	Due to poor 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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	Ice	☐		

Comments

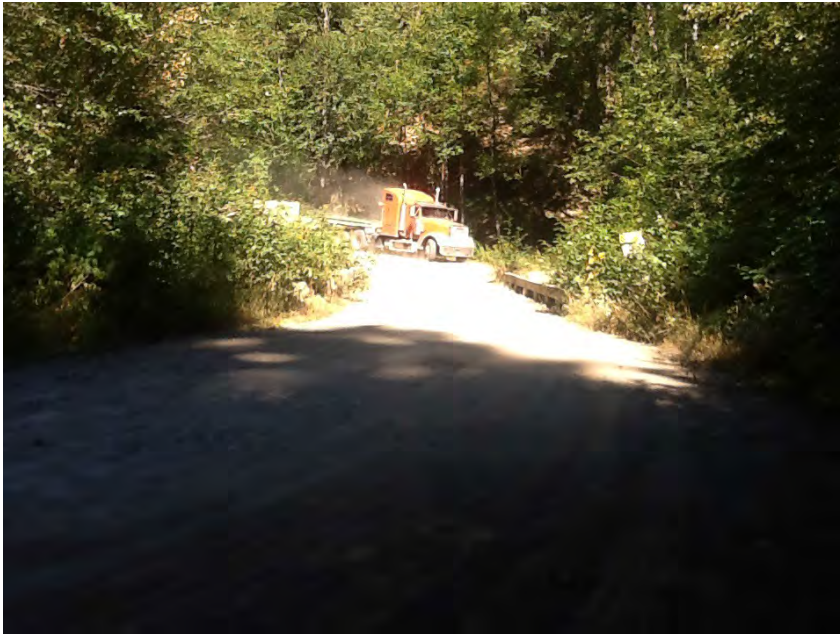
Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Replace curbs. Rails 250x250x16.7m x 2. Blocks 250x250x85cm x 16 pieces. Risers 250x250x65cm x 16 pieces.
2	Medium	1. Post 2 bridge signs. 2. Place one right and one left delineator.
3	Medium	Brush out approaches.

Item	Monitor Description	Frequency
1	Monitor DSRB riprap scour.	
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



Upstream Profile



Downstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Underside of bridge



Structure ID