

CK-2292

UZTLIUS CREEK 18.5km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
49°47'59.79"	-121°20'20.1"
Crossing Name	Uzlius Creek
FSR #	7972
Branch #	1
Road Name	UZTLIUS CREEK
User km	18.5
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)	24.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5543704.4
Accuracy (m)	
N	

Inspection

Date of Inspection 2016-09-12 3:07:32 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed by GPS.
No major issues with bridge.

P.Eng Comments

Post bridge ahead signs and monitor riprap for scour after high flows. Present load rating of L75 or 68 tonnes to continue.



01/03/2017

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 ☐ 2

 Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Logs

Posted Load Rating 0 Not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete Good

Caps or Sills Fair DSLB rubber pad is bulged out 20mm, see photo

Piles or Posts Good

Ballast Wall Good Concrete.

Wing Wall Good Extensions of ballast wall.

Bracing Good

Hardware Good Curb bolts tight, new curbs.

Fill Good

Riprap Fair Left side is very sparse at high water level and both sides seem prone to scour.

Bearings Fair Bulging pads on left abutment.

Corrosion Protection Good

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**Deck**

Running Surface	Fair	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Fair	Worn, pitted from tracks.
Grout Pockets	Fair	
Deck Joints	Fair	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	Curbs have been replaced since last inspection.
Hand Rails/Walkouts	N/A	
Hardware	N/A	
Overall Deck Condition	Fair	Due to worn concrete
Gravel Depth (mm)		

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Steel/Concrete

Serial/ID Plate No identity plates seen.

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)	10	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance (m)	1.3	Ice	☐		

Comments Major failure and bank instability 100m upstream a source of large woody debris which would flow to the bridge in high water. Riprap may be scouring at high water on left abutment.

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Post 2 bridge signs.
2		
3		

Item	Monitor Description	Frequency
1	Monitor riprap on left for scour.	Routine Inspection
2		
3		

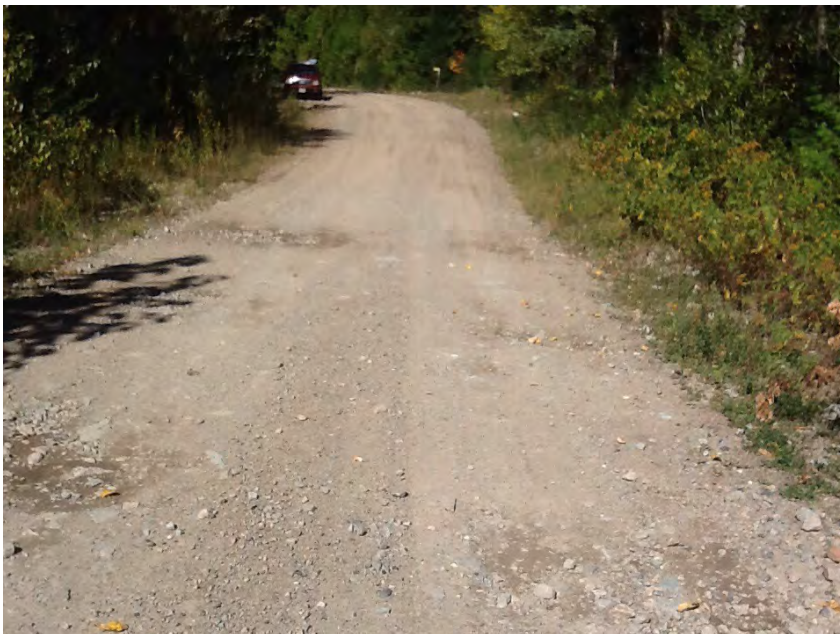
Sketch
(Select Signature)



Right approach facing structure



Left approach facing away from structure



Right approach facing away from structure



Left approach facing structure



Downstream from Crossing



Left Bank Abutment when facing downstream



Upstream from Crossing



Underside of bridge



Right Bank Abutment when facing downstream



Upstream Profile



Left Bank Abutment when facing downstream



Downstream Profile