

CK-2299

UZTLIUS CREEK 28.1km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

CBR Data

Latitude	Longitude
49°51'10.5"	-121°15'42.2"
Crossing Name	Uztlius Creek
FSR #	7972
Branch #	1
Road Name	UZTLIUS CREEK
User km	28.1
Current Load Rating (tonnes)	68
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Treated - Panels
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	24.3
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5549601.3
Accuracy (m)	
N	

Inspection

Date of Inspection 2016-09-12 10:33 PM

Inspector Name Rick Johnson

Inspection Company SNT Engineering

Inspector Comments

Coordinates confirmed with GPS.
no major issues with bridge.

P.Eng Comments

Replace poor running planks as indicated; place guide logs or concrete no post barriers at approaches; brush approaches; and install bridge ahead signs. Present load rating of L75 or 68 tonnes to continue.



02/03/2017

P.Eng Seal

CK-2299

UZTLIUS CREEK 28.1km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

Approach

Alignment Good

 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 Poor Small loose logs

Posted Load Rating 0 Not posted

Road Surface Good

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 New curbs since last inspection.

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

CK-2299

UZTLIUS CREEK 28.1km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT

**Deck**

Running Surface	N/A	
Running Planks	Fair	9 main runs replaced but middle 3 and outer 4 runs are rotten.
Sub Deck	Good	
Ties	Good	
Nails	Good	
Deck to Girder Bolts	Good	
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	Good	Replaced since last inspection.
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Fair	Due to rotten middle and outer plank runs.
Gravel Depth (mm)		

CK-2299

UZTLIUS CREEK 28.1km

2016 Inspection



CBR iPad Offline Ver 0.23 SNT

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 N/A

Needle Beam N/A

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)Rot Depth
(mm)

Condition

Comment

CK-2299

UZTLIUS CREEK 28.1km

2016 Inspection

CBR iPad Offline Ver 0.23 SNT



Hazards

Estimated Present Water Level Depth (m)	.3	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	12	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Place log fenders or concrete no posts barriers at approaches.
2	Medium	Replace running planks on middle and outer runs. Need 90x250mmx4 runs for outer and 90x300mm x 3 runs in middle. All runs are 24.1m long
3	Medium	1. Instal 2 bridge signs. 2. Brush approaches.

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



Left approach facing structure



Upstream from Crossing



Underside of bridge



Downstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Upstream Profile