

CK-2292

UZTLIUS 18.5km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°47'59.79"	-121°20'20.1"
Crossing Name	Uzlius Creek
FSR #	7972
Branch #	1
Road Name	UZTLIUS
User km	18.5
Previous 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
49°47'59.95"	-121°20'20.53"
HD Diff. (m)	9.8
Accuracy (m)	30
17.0	
L75 or 68 tonnes	

Inspection

Date of Inspection 2019-08-29 11:34:52 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Place log fenders or concrete no post barriers at all 4 corners of bridge and tighten all guardrail hardware. Monitor the condition of the bearings and the deck joints. The current load rating of L75 or 68 tonnes to continue



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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor None

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Fair Minor buldging of rubber pads

Corrosion Protection Good

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**Deck**

Running Surface Fair

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Fair Minor damage noted at surface likely from track equipment

Grout Pockets Fair

Deck Joints Fair Lower than deck surface causing water to sit

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Fair Some loose rail bolts

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Slight deformation on bottom flange on both girders but suspect from welding

Diaphragms Good

6 bolted bays

Bracing Good

Under Trussing

Hardware Good

Welded/grouted
shear connectors**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)	12.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1	Low	Tighten rail bolts
2	Low	Place fenders at all corners of bridge

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Item	Monitor Description	Frequency
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1	Deck joint condition	Routine Inspection
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2	Bearings	Routine Inspection
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Slight deformation on bottom flange - at weld location



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Evidence that water is getting through deck joint



Superstructure



Slight bulging of bearing pads at left bank