

CK-2290

UZTLIUS 16.7km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°47'30.99"	-121°21'19.5"
Crossing Name	not known
FSR #	7972
Branch #	1
Road Name	UZTLIUS
User km	16.7
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)	21.3
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°47'31.06"	-121°21'19.52"
HD Diff. (m)	2.0
Accuracy (m)	10
15.3	
L75 or 68 tonnes	

Inspection

Date of Inspection 2019-08-29 12:12:35 PM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

All guardrail hardware needs to be tightened prior to any activity. The current load rating of L75 or 68 tonnes can continue subject to the tightening of all guardrail hardware.



2020-01-30

P.Eng Seal

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Approach

Alignment Good

HC right approach

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

Posted Load Rating

Not posted

Road Surface Good

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 Good

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 due to track equipment

Grout Pockets Good

Deck Joints Fair Hairline cracks noted

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Poor All rail bolts are loose

Overall Deck Condition Poor Due to loose rail hardware

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 5 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)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	9.0	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	High	Tighten all guardrail hardware
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2		
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3		
---	--	--

Item	Monitor Description	Frequency
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1		
---	--	--

2		
---	--	--

3		
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Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



Loose hardware on rail, typical



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream