

CK-2289

UZTLIUS 8.7km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

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

Updated Data

Latitude	Longitude		
49°50'33.49"	-121°21'32.23"		
HD Diff. (m)	16.5	Accuracy (m)	10
8.0			
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-08-29 12:36:51 PM

Recommended Next Inspection Year 2022

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair upstream right bank guardrail and tighten all rail hardware. Stabilize downstream right bank fill slope by installing riprap at stream elevation and bring it up to road elevation - recommend 1.5:1.0 slope. Brush approaches and realign the downstream right bank log fender. The current load rating of L75 or 68 tonnes to continue. Monitor the condition of the downstream right bank fill-slope condition.



P.Eng Seal

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator 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 Fair Poor at downstream right bank

Riprap Fair

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 at surface likely due to track equipment

Grout Pockets Fair

Deck Joints Fair Hairline cracks at surface

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Poor All rail bolts loose

Overall Deck Condition Poor Due to guardrail hardware

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 4 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)	5.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Repair right bank upstream rail and tighten ALL guardrail hardware
2	Medium	Brush approaches and realign downstream right bank log fender
3	Medium	Repair failing fill slope at downstream right bank

Item	Monitor Description	Frequency
1	Downstream right bank fill slope	Routine Inspection

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Fender off road downstream right bank



Deck



Upstream from Crossing



Downstream from Crossing



Loose rail bolts throughout



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Superstructure



Left Bank Abutment when facing downstream



Downstream right fill slope eroding



Structure ID



Upstream right bank blocks, risers and rail has been pushed out