

CK-2295

UZTLIUS 21.9km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°49'22.8"	-121°19'.6"		
Crossing Name	Uztlius Creek		
FSR #	7972	Branch #	1
Road Name	UZTLIUS		
User km	21.9		
Previous Load Rating (tonnes)	68		
Structure Class	Permanent Bridge		
Portable	N		
Superstructure	Compo Girders		
Deck Type	Concrete Composite		
Abutment Left	Steel Pipe and Precast Pad		
Abutment Right	Steel Pipe and Precast Pad		
Spans	1		
Total Length (m)	25.9		
Deck Width (m)	4.9		

Updated Data

Latitude	Longitude		
49°49'23.15"	-121°19'.8"		
HD Diff. (m)	11.5	Accuracy (m)	5
20.5			
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-08-29 10:43:10 AM

Recommended Next Inspection Year 2022

Inspector Name Tyson Miller

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair to the damage to the top of the concrete ballast wall and underside of deck panel 1 at the right bank consistent with the Concrete Repair Guide for concrete bridge components (MoFLNRO, 2017). Add material to both approaches and grade in. Replace the upstream right bank delineator. The current load rating of L75 or 68 tonnes to continue.



2020-02-05

P.Eng Seal

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Approach

Alignment Fair

HC and VC right approach

Bridge Ahead Signs
Missing☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left☐ 0 ☒ 1 ☐ 2

Upstream right bank delineator faces wrong way

Delineator Missing
Right☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating

Not posted

Road Surface Poor

Requires material at right bank

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts Good

Ballast Wall Fair

Damage noted to top at right bank

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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**Deck**

Running Surface	Fair	Requires material at right bank
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Running Planks		
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Sub Deck		
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Ties		
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Nails		
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Deck to Girder Bolts		
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Concrete Deck	Fair	Minor damage noted from track equipment
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Grout Pockets	Fair	
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Deck Joints	Fair	Not flush with deck panels causing water to sit
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Steel Deck Plate		
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Gravel Surface		
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Curb Rail/Blocks/Posts	Good	
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Hand Rails/Walkouts		
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Hardware	Good	
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Overall Deck Condition	Fair	
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Gravel Depth (mm)		
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Pier Deck		
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**Steel/Concrete**

Girders Good

Composite girders with hairline cracks noted on outside of both

Diaphragms Good

1 welded bay at center span

Bracing

Under Trussing

Hardware

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)	10.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	Medium	Repair damage to top of ballast wall and deck panel at right bank

2	Low	Replace upstream right bank delineator with proper one
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3		
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Item	Monitor Description	Frequency
1		

2		
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3		
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Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Bridge deck sits higher than road surface causing damage to ballast wall and deck panel at right bank



Damage to top of right bank ballast wall and deck panel 1



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Hairline cracks noted on upstream girder



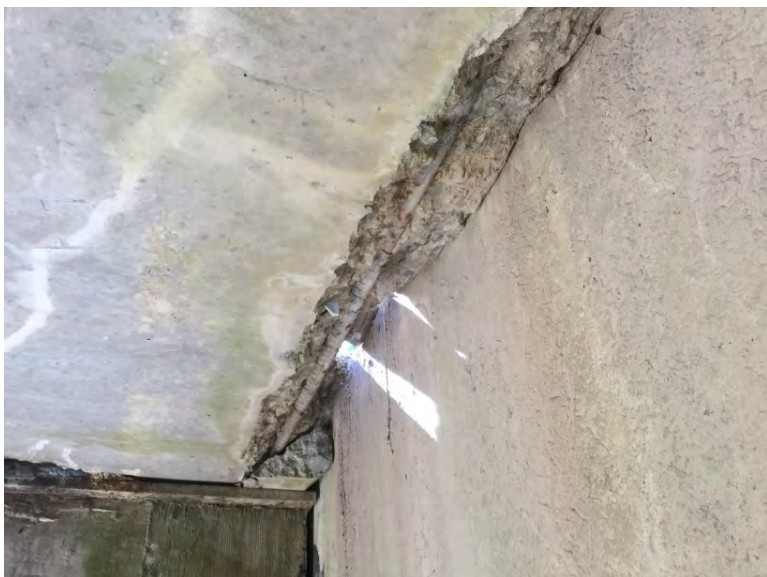
Evidence that water has been getting through deck joints



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Damage to underside of deck panel 1 on right bank