

CK-2299

UZTLIUS 28.1km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude		
49°51'10.5"	-121°15'42.2"		
Crossing Name	Uztlus Creek		
FSR #	7972	Branch #	1
Road Name	UZTLIUS		
User km	28.1		
Previous 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		
49°51'10.49"	-121°15'42.14"		
HD Diff. (m)	1.3	Accuracy (m)	5
26.6			
L75 or 68 tonnes			

Inspection

Date of Inspection 2019-08-29 10:05:46 AM

Inspector Name Tyson Miller

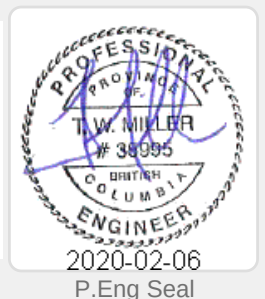
Recommended Next Inspection Year 2021

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Replace the running planks on the middle and outer runs. Replace the undersized log fenders with appropriately sized ones (minimum 600mm diameter x 6m length) or with concrete no post barriers. Some of the nails on the recently replaced planks are protruding, ensure those are flush with the top of the planks. Replace the 1 missing horizontal bracing washer and nut. Monitor the condition of the left bank ballast wall. The current load rating of L75 or 68 tonnes to continue.



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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor

Small logs

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

Hairline cracks noted on left bank

Wing Wall

Bracing Good

Hardware

Fill Good

Riprap Good

Bearings Good

Corrosion Protection Good

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Deck

Running Surface

Running Planks

Fair

Middle 3 and outside 2 runs were not replaced and in poor condition

Sub Deck

Good

Creosote

Ties

Good

Creosote

Nails

Fair

Some starting to protrude

Deck to Girder Bolts

Good

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts

Good

Hand Rails/Walkouts

Hardware

Good

Overall Deck Condition

Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good 5 bolted bays

Bracing Good

Under Trussing

Hardware Fair Only a single nut noted to be missing

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	16.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	3.0	Ice	☐		

Comments

Repairs and Monitoring

Repair		Repair Description
Item	Priority	
1	Low	Hammer down protruding nails and replace missing bracing washer and nut
2	Medium	Replace fender logs with appropriately sized ones - 600mm diameter x 6m length or with concrete no post barriers
3	Medium	Replace running planks on middle and outer runs

Item	Monitor Description	Frequency
1	Hairline cracks in left bank ballast wall	
2		
3		

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Deck



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



Missing bracing nut



Hairline cracks noted on left bank ballast wall