

CK-2544
CK-2544

UZTLIUS km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°51'12.8"	-121°14'47.9"
Crossing Name	unknown
FSR #	7972
Branch #	1
Road Name	UZTLIUS
User km	
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated - Panels
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	9.2
Deck Width (m)	4.3

Updated Data

Latitude	Longitude
49°51'12.77"	-121°14'47.29"
HD Diff. (m)	12.2
Accuracy (m)	5
28	
L100 or 91 tonnes	

Inspection

Date of Inspection 2020-08-27 10:57 AM

Inspector Name Tyson Miller

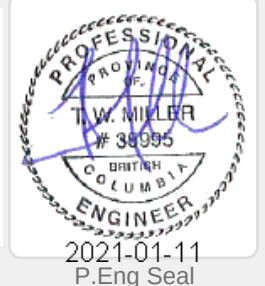
Recommended Next Inspection Year 2022

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Repair the scoured riprap at both abutments. This will likely require removing the deck panels and steel girders to properly complete the repair. The bearing was still adequate at the time of inspection; however inspect the structure prior to completing the work and prior to activity. The current load rating of L100 or 91 tonnes to continue.



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Approach

Alignment Fair

HC and VC left 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 Good

Posted Load Rating Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good Lock blocks

Caps or Sills Good Timbers

Piles or Posts

Ballast Wall Good Timbers

Wing Wall

Bracing

Hardware

Fill Good

Riprap Poor Scour noted at both banks

Bearings Good

Corrosion Protection

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Deck

Running Surface

Running Planks **Good**

Sub Deck **Good**

Ties **Good**

Nails **Good**

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 Fair Minor corrosion

Diaphragms Fair 3 welded bays

Bracing Fair

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)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Channel. Add Riprap (placed). m³. Priority:High	Repair scoured riprap at both banks
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Riprap condition	Routine Inspection
2		
3		



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Right Bank Abutment when facing downstream



Right bank riprap scour and failure



Left Bank Abutment when facing downstream



Structure ID



Bearing



Upstream Profile

