CK-2544
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UZTLIUS km

2020 Inspection

CBR iPad Offline Ver 0.33

BRITISH COLUMBIA

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	Recommended Next Inspection Year	2022
Inspector Name	Tyson Miller	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.

2021-01-11

P.Eng Seal

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		

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	

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

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

Upstream from Crossing

Deck

Downstream from Crossing

Approach from Left Bank when facing downstream

Right bank riprap scour and failure

Right Bank Abutment when facing downstream

Left Bank Abutment when facing downstream

Upstream Profile

Structure ID

Bearing