CK-2308	UZTLIUS-E ANDERSON 29.3km	2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°43'19.8"	-121°15'18.3"

Road Name	UZTLIUS-E ANDERSON
User km	29.3
Current Load Rating (tonnes)	5
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.1
Deck Width (m)	4.1

Updated Data

Latitude	Longitude
49°43'19.91"	-121°15'18.66"

HD Diff. (m)	7.9	Accuracy (m)	5

Road Name	Uztlius-East Anderson
User km	29.3
Current Load Rating (tonnes)	5 tonnes
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber – Untreated
Abutment Left	Crib, Log or Untreated Timber
Abutment Right	Crib, Log or Untreated Timber
Spans	1
Total Length (m)	12.2
Deck Width (m)	4.2

Inspection

Date of Inspection 2014-10-22 12:42:52 PM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

March 11/2015

P.Eng Comments

Present load rating of 5 tonnes to continue. Please post.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
P.Eng Seal
#35995

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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 ○ 2	
Delineator Missing Right	○ 0 ○ 1 ● 2	
Fender Condition	Poor	none
Posted Load Rating		not posted
Road Surface	Fair	

Abutment

Log/Timber Cribs	Poor	old crib for fill retention
Tie Backs	Poor	old and rotting
Bin Wall	N/A	
Concrete	N/A	
Caps or Sills	Poor	scoured upstream right approach
Piles or Posts	N/A	
Ballast Wall	Fair	logs off steel girder
Wing Wall	N/A	
Bracing	N/A	
Hardware	N/A	
Fill	Poor	failing under right upstream sill
Riprap	Poor	none in front of old crib
Bearings	Poor	undermined log sill right upstream

Corrosion Protection	N/A	

Deck

Running Surface	Fair	
Running Planks	Fair	
Sub Deck	N/A	
Ties	Fair	
Nails	Fair	
Deck to Girder Bolts	Good	
Concrete Deck	N/A	
Grout Pockets	N/A	
Deck Joints	N/A	
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Fair	steel risers with some damage to ties
Hand Rails/Walkouts	N/A	
Hardware	Fair	
Overall Deck Condition	Fair	
Gravel Depth (mm)		

Steel/Concrete

Girders	Fair	
Diaphragms	Fair	4x, welded
Bracing	Fair	
Under Trussing	N/A	
Hardware	N/A	
Welded/grouted shear connectors	N/A	

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)	Comment

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	8.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance (m)	3.0	Ice ☐	

Comments: old log stringer bridge with timber deck underneath steel girder

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	post load rating
2	High	replace with industrial activity
3		

Monitor Item	Monitor Description	Monitoring Frequency
1	log stringers for failure	Anually
2		
3		

Sketch (Select Signature)

FileName: CBR iPad Offline Ver 0.17

Approach from Right Bank when facing downstream

Approach from Left Bank when facing downstream

modular Deck

Structure ID

deck bolts

right upstream bearing