Date Printed: 2013/11/12
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Structure #:	CK-2306	**Site #:**	CK-2306	**Road Name:**	UZTLIUS-E ANDERSON	**Inspection Date:**	2013/10/09
KM:	12.60	**User km:**	27.20	**Crossing Name:**	not known	**Next Inspection Date:**	2014/10/09
Project File ID #:	7972	**Br.**	02	**Forest District:**	Chilliwack Forest District		

Deck Type:	Gravel		**Running Surface:**	Gravel	
Superstructure	Log Stringers		**Abutments (Left/Right):**	Crib, Log or Untreated Timber	
Total Length *(metres)*:	7.8	**# Spans:**	1	**Span Length(s)** *(metres)*:	7.3
UTM Zone:	10	**UTM Easting:**	623804	**UTM Northing:**	5509428
Inspector Name:	T. Miller	**Year Built:**		2005	

Access: Drive south from Boston Bar on Highway #1. Turn left onto Uztlius Cr FSR. Turn left off of Uztlius Cr FSR onto Uztlius-East Anderson Cr FSR.

ABUTMENTS

Bearings	Poor	right sill not fully supported
Bracing	Not Applicable	
Ballast Wall	Fair	logs
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	newer Fd sills installed too close to old cribs; undermined D/S right
Fill	Poor	scoured under D/S right sill and crib
Hardware	Fair	lashed
Log/Timber Cribs	Poor	2x; old, rotten and scoured
Piles or Posts	Not Applicable	
Riprap	Poor	none at right abutment
Tie-backs	Poor	3x, old and rotting
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	None	
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	too low

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Gravel Deck Depth (metres)	0.5	
Gravel Surface	Fair	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	due to curbs

STRINGERS

Span 1

Stringer #	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments
1	500	No	0	0	0	Fd	
2	370	No	0	0	0	Fd	
3	440	No	0	0	0	Fd	
4	450	No	0	0	0	Fd	
5	500	No	0	0	0	Fd	
6	460	No	0	0	0	Fd	
7	390	No	0	0	0	Fd	
8	450	No	0	0	0	Fd	
9	390	No	0	0	0	Fd	
10	500	No	0	0	0	Fd	
11	470	No	0	0	0	Fd	
12	570	No	0	0	0	Fd	
13	460	No	0	0	0	Fd	

Log Curbs	Fair	too low though
Needle Beam(s) and Shims	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	Estimated Present Water Level Width:	4.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	Yes	Ice:	No	Debris:	Yes	Aggradation:	No
Comment:									

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	High	$1.00	install fenders
2	Recommended	High	$1.00	install bridge ahead and load rating signs
3	Recommended	High	$1.00	ensure right sill fully supported prior to industrial use

MONITORS

#	Description
1	scour under right crib and sill

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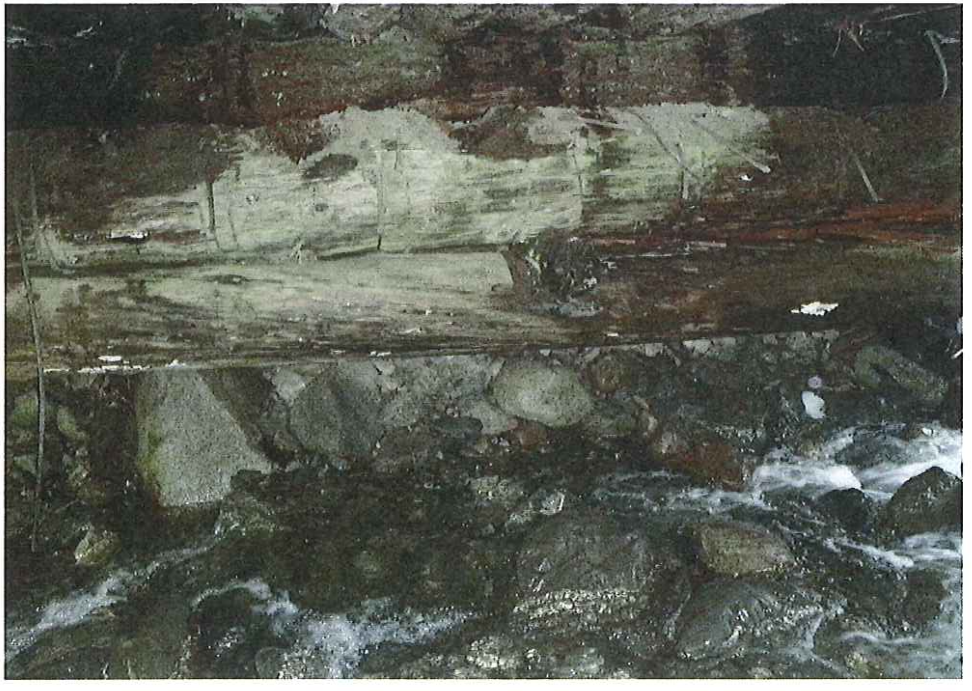
GENERAL

Professional Inspection Required?	No	**Regional Review Date:**	2013/11/12	**P. Eng Reviewer Name:**	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2017	**Replacement Date for light vehicle traffic** *(year)*:			2017
Current Load Rating GVW *(tonnes)*:	10	**Design Load GVW** *(tonnes)*:		**Design Vehicle Config.:**	Other
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:	
PEng Reviewer's Comment:	Ensure right sill fully supported prior to use. Install fenders at approaches; install load rating and bridge ahead signs. Limit loading to 10 tonnes until right sill fully supported.
District Staff Comment:	

T. Miller
Nov 12/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
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