Date Printed: 2013/11/20
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Structure #:	CK-2015	**Site #:**	CK-2015	**Road Name:**	CANTELON CREEK	**Inspection Date:**	2013/10/31
KM:	9.00	**User km:**	9.00	**Crossing Name:**	Not Known	**Next Inspection Date:**	2015/10/31
Project File ID #:	8124	**Br.**	01	**Forest District:**	Chilliwack Forest District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Superstructure	Steel I-beam	**Abutments (Left/Right):**	Crib, Log or Untreated Timber

Total Length *(metres)*:	9.1	**# Spans:**	1	**Span Length(s)** *(metres)*:	0
UTM Zone:	10	**UTM Easting:**	610706	**UTM Northing:**	5452533
Inspector Name:	T. Miller	**Year Built:**		1991	

Access: Helicopter or ATV
Coordinates updated by M.Kirk, Onsite Engineering Ltd, Jan 2011

ABUTMENTS

Bearings	Poor	crushing timber sill
Bracing	Not Applicable	
Ballast Wall	Fair	logs
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	rotten, crushing timbers
Fill	Fair	
Hardware	Not Applicable	
Log/Timber Cribs	Fair	
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	2	
Delineator Missing Right	2	
Fender Condition	Poor	old rotten logs
Posted Load Rating	not	not posted
Road Surface	Poor	potholes

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	rotten

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Deck to Girder Bolts	Poor	loose
Hardware	Poor	loose rail
Hand Rails/Walkouts	Not Applicable	
Nails	Poor	protruding
Overall Deck Condition	Poor	replace
Running Planks	Not Applicable	
Sub Deck	Poor	rotten
Ties	Poor	rotten

SUPERSTRUCTURE

Span 1

Bracing	Poor	due to twist
Diaphrams	Poor	due to twist
Girders	Poor	4 steel I beams, painted and slighly twisting
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.4	**Estimated Present Water Level Width:**	4.0
Estimated High Water Level Clearance:	0.5		

HAZARDS

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

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	High	$1.00	replace entire structure with industrial activity
2	Recommended	High	$1.00	post load rating sign

MONITORS

#	Description

GENERAL

Professional Inspection Required?	No	**Regional Review Date:**	2013/11/19	**P. Eng Reviewer Name:**	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2006	**Replacement Date for light vehicle traffic** *(year)*:	2011		
Current Load Rating GVW *(tonnes)*:	2	**Design Load GVW** *(tonnes)*:	54	**Design Vehicle Config.:**	L60
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:

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PEng Reviewer's Comment:	Present load rating of 2 tonnes to continue. Please post.
District Staff Comment:	Nov 20/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995