Date Printed: 2013/08/27
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Structure #:	CK-2110	**Site #:**	CK-2110	**Road Name:**	HARRISON EAST	**Inspection Date:**	2013/07/04
KM:	40.50	**User km:**	38.50	**Crossing Name:**	Clear Creek (structure # 29)	**Next Inspection Date:**	2014/07/04
Project File ID #:	5748	**Br.**	01	**Forest District:**	Chilliwack Forest District		

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

Total Length *(metres)*:	18.7	**# Spans:**	1	**Span Length(s)** *(metres)*:	0
UTM Zone:	10	**UTM Easting:**	583986	**UTM Northing:**	5499165
Inspector Name:	T. Miller	**Year Built:**		1985	
Access:					

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	fair to poor, no crushing evident
Fill	Fair	drfit pins evident
Hardware	Fair	
Log/Timber Cribs	Poor	fair to poor, no signs of crushing, left D/S scoured
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Poor	4x - significant rot in some, no movement evident since last year
Wing Wall	Poor	right U/S rotting; left D/S rotting

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left	1	
Delineator Missing Right	1	
Fender Condition	Good	
Posted Load Rating	68	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	undersized at 200mm x 200mm

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Deck to Girder Bolts	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	not staggered - full width
Sub Deck	Fair	creosoted
Ties	Fair	creosoted

SUPERSTRUCTURE

Span 1

Bracing	Fair	bolted, surface rust
Diaphrams	Fair	bolted, surface rust
Girders	Fair	2 steel I-beams, surface rust
Hardware	Fair	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	10.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

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

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	Medium	$1.00	replace missing delineators

MONITORS

#	Description
3	both abutments for settlement
4	void under downstream left abutment

GENERAL

Professional Inspection Required?	No	Regional Review Date:	2013/08/27	P. Eng Reviewer Name:	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2013	Replacement Date for light vehicle traffic *(year)*:	2015		
Current Load Rating GVW *(tonnes)*:	68	Design Load GVW *(tonnes)*:	127	Design Vehicle Config.:	Other
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:

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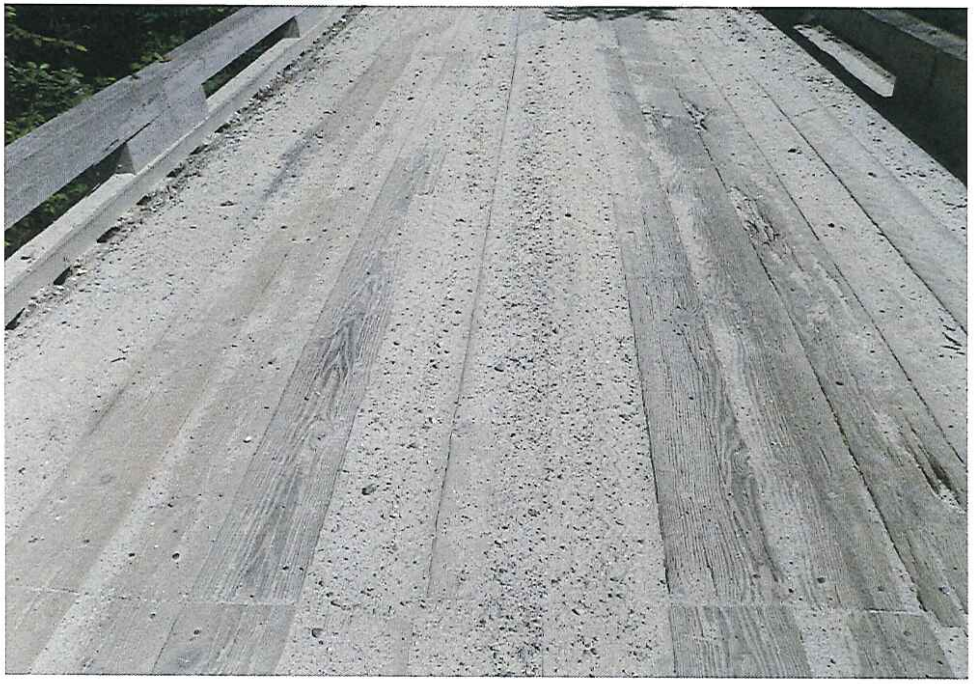
PEng Reviewer's Comment:	Replace missing delineators. Monitor both abutments for settlement, especially when hauling. Monitor void on left downstream abutment and plan for replacment soon. Present load rating of L75 or 68 tonnes to continue.
District Staff Comment:	

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

Aug 27/2013



SINGLE
LANE
BRIDGE
BRIDGE
LOAD LIMIT
68,040