Date Printed: 2013/10/15
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Structure #:	CK-2011	**Site #:**	CK-2011	**Road Name:**	BLUE MTN TWO	**Inspection Date:**	2013/10/02
KM:	0.10	**User km:**	0.10	**Crossing Name:**	Copper Creek	**Next Inspection Date:**	2015/10/02
Project File ID #:	5913	**Br.**	02	**Forest District:**	Chilliwack Forest District		

Deck Type:	Timber - Treated		**Running Surface:**	Timber Planks	
Superstructure	Steel I-beam		**Abutments (Left/Right):**	Concrete Lock Blocks	
Total Length *(metres)*:	8.0	**# Spans:**	1	**Span Length(s)** *(metres)*:	0
UTM Zone:	10	**UTM Easting:**	539159	**UTM Northing:**	5453914
Inspector Name:	T. Miller	**Year Built:**		1987	

Access: Drive north on McNutt Road. Turn right onto Blue Mountain FSR. Turn left onto Blue Mountain Branch 02 FSR. Bridge is behind e locked gates. 200 m walk to bridge.

ABUTMENTS

Bearings	Good	
Bracing	Not Applicable	
Ballast Wall	Good	timbers
Concrete Lock Blocks	Fair	3 lock blocks per side
Corrosion Protection	Not Applicable	
Caps or Sills	Good	timbers
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Poor	none in front of lock blocks and old log sill
Wing Wall	Fair	old log holding fill D/S right

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Good	logs
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	treated risers and rail
Deck to Girder Bolts	Good	lag bolted

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Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Fair	
Running Planks	Fair	appears new but sediment on deck
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Girders	Good	4 steel I beams - painted
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.3	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.3		

HAZARDS

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

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	Medium	$1.00	Post bridge ahead and load rating signs
2	Recommended	Medium	$1.00	Clean sediment off deck to prolong life

MONITORS

#	Description
1	scour in front of old log sills

GENERAL

Professional Inspection Required?	No	**Regional Review Date:**	2013/10/15	**P. Eng Reviewer Name:**	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2027	**Replacement Date for light vehicle traffic** *(year)*:			
Current Load Rating GVW *(tonnes)*:	54	**Design Load GVW** *(tonnes)*:	54	**Design Vehicle Config.:**	L60
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:

PEng Reviewer's Comment: Post bridge ahead and load rating signs. Clean sediment off deck to prolong its life. Monitor scour in front of old log sills. Present load rating of L60 or 54 tonnes to continue.

Oct 15/2013

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

Corporate Bridge Register (CBR)