



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

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Date Printed: 2013/08/27

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001B

Structure #:	CK-2109	Site #:	CK-2109	Road Name:	HARRISON EAST	Inspection Date:	2013/07/04
KM:	35.30	User km:	35.30	Crossing Name:	Hornet Creek	Next Inspection Date:	2015/07/04
Project File ID #:	5748	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Concrete	Running Surface:	Concrete				
Superstructure	Steel I-beam	Abutments (Left/Right):	Crib, Log or Untreated Timber				
Total Length (metres):	19.2	# Spans:	1	Span Length(s) (metres):	18.1		
UTM Zone:	10	UTM Easting:	585068	UTM Northing:	5495355		
Inspector Name:	T. Miller	Year Built:	1996				
Access:	Drive north on road north of Harrison Hot Springs this Road connects with Harrison East FSR.						

ABUTMENTS

Bearings	Fair	Fd sill is cut flat
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	newer Fd sills (not peeled)
Fill	Good	
Hardware	Fair	crib is lashed
Log/Timber Crib	Fair	4x with newer Fd sill (not peeled) - lod crib rotting but not crushing
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Fair	rotting and cracking, but not crushing
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Good	
Posted Load Rating	136	
Road Surface	Fair	

DECK

Span 1



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Structure #:	CK-2109	Site #:	CK-2109	Road Name:	HARRISON EAST	Inspection Date:	2013/07/04			
Concrete Deck	Fair	minor damage at panel connections - some clips missing (monitor for panel movement)								
Curb Rail/Blocks/Posts	Fair									
Deck Joints	Fair	no sealant and minor damage to panels								
Grout Pockets	Not Applicable									
Hardware	Fair									
Hand Rails/Walkouts	Not Applicable									
Overall Deck Condition	Fair									
Running Surface	Fair	sediment on deck								
SUPERSTRUCTURE										
Span 1										
Bracing	Good	bolted								
Diaphragms	Good	bolted								
Girders	Good	2 steel I-beams with surface rust								
Hardware	Good									
Under Trussing	Not Applicable									
CHANNEL	Estimated Present Water Level Depth:		0.5		Estimated Present Water Level Width:		13.0			
	Estimated High Water Level Clearance:		2.0							
HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									
REPAIRS	#	Status	Priority	Estimate	Description					
MONITORS	#	Description								
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):				2016		Replacement Date for light vehicle traffic (year):			
	Current Load Rating GVW (tonnes):		136		Design Load GVW (tonnes):		136		Design Vehicle Config.: L150	
	Inspector's Estimated Full Log Haul Replacement (year):									
	Inspector's Comment:									
Corporate Bridge Register (CBR)										



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PEng Reviewer's Comment:	Due to the missing clip plates recommend tightening the remaining bolts on the existing clip plates and monitoring for panel movement. As per the design recommend sealing the panel joints. Brush approaches. Crib was constructed in 1982 (31 years old), monitor its condition. Present load rating of L150 or 136 tonnes to continue						
District Staff Comment:							

Bill
Aug 27/2013









