



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/09/27
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2161	Site #:	CK-2161	Road Name:	HUNTER EAST	Inspection Date:	2013/09/05
KM:	1.30	User km:	5.80	Crossing Name:	Side Creek	Next Inspection Date:	2014/09/05
Project File ID #:	6086	Br.	02	Forest District:	Chilliwack Forest District		
Deck Type:	Steel	Running Surface:	Anti-skid				
Superstructure	Steel Box Beam	Abutments (Left/Right):	Crib, Log or Untreated Timber				
Total Length (metres):	12.2	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	606805	UTM Northing:	5464776		
Inspector Name:	T. Miller	Year Built:	2005				
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Jan 2011						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Poor	functional but had conk growing off ends
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	left side poor, right side fair (creosoted)
Fill	Fair	
Hardware	Not Applicable	
Log/Timber Cribs	Fair	
Piles or Posts	Not Applicable	
Riprap	Poor	fair to poor - scoured right bank, steep and round rock
Tie-backs	Not Applicable	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	Tight HC on right approach
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left	2	
Delineator Missing Right	2	
Fender Condition	Fair	
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	HSS and steel risers
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Hardware	Not Applicable										
Hand Rails/Walkouts	Not Applicable										
Overall Deck Condition	Fair										
Running Surface	Fair										
Steel Deck Plate	Fair		has a steel cover plate to widen structure								
SUPERSTRUCTURE											
Span 1											
Bracing	Unrated		internal								
Diaphragms	Unrated		internal								
Girders	Fair		single box beam per side with steel cover plate								
Hardware	Not Applicable										
Under Trussing	Not Applicable										
CHANNEL	Estimated Present Water Level Depth:		0.3		Estimated Present Water Level Width:		4.0				
	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	High	\$1.00	replace left abutment sill						
	2	Recommended	Medium	\$1.00	repair right abutment riprap						
	3	Recommended	Medium	\$1.00	post bridge ahead and load rating signs						
MONITORS	#	Description									
	1	scour at right abutment									
GENERAL	Professional Inspection Required?		No	Regional Review Date:		2013/09/27	P. Eng Reviewer Name:		Tyson Miller		
	Replacement Date for full log haul traffic (year):			2013		Replacement Date for light vehicle traffic (year):			2013		
	Current Load Rating GVW (tonnes):		27		Design Load GVW (tonnes):		68		Design Vehicle Config.:		L75
	Inspector's Estimated Full Log Haul Replacement (year):										
	Inspector's Comment:										
	PEng Reviewer's Comment:		Replace left abutment timber sill, repair right abutment riprap and post bridge ahead and load rating signs prior to industrial activity. Monitor right abutment scour. L30 or 27 tonnes load rating.								
Corporate Bridge Register (CBR)											



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District Staff Comment:							



Handwritten signature: T.W. Miller
Handwritten date: Sept 27/2013







