



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/11/08
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2253	Site #:	CK-2253	Road Name:	SQUEAH	Inspection Date:	2013/11/06
KM:	3.20	User km:	3.20	Crossing Name:	not known	Next Inspection Date:	2014/11/06
Project File ID #:	6092	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Treated - Panels			Running Surface:	Timber Planks		
Superstructure	Rail Car			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	15.1	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	614628	UTM Northing:	5474788		
Inspector Name:	T. Miller		Year Built:	2007			
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011						

ABUTMENTS

Bearings	Poor	cracked sill
Bracing	Not Applicable	
Ballast Wall	Poor	none for railcars
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	log cracking D/S right
Fill	Fair	
Hardware	Poor	loose lashing
Log/Timber Crib	Poor	rotten
Piles or Posts	Not Applicable	
Riprap	Poor	only at inlet, none in front of crib
Tie-backs	Poor	rotten
Wing Wall	Not Applicable	

APPROACHES

Alignment	Poor	VC and HC limits visibility on left approach
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	1	
Fender Condition	Poor	old logs, missing D/S
Posted Load Rating	4.5	4500 kgs
Road Surface	Poor	potholes

DECK

Span 1

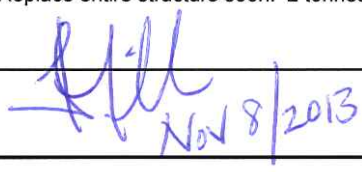
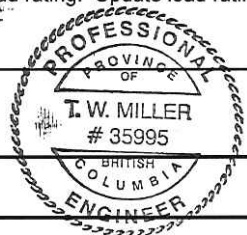
Curb Rail/Blocks/Posts	Poor	rotten
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Deck to Girder Bolts	Poor	none								
Hardware	Poor	loose								
Hand Rails/Walkouts	Not Applicable									
Nails	Poor	protruding								
Overall Deck Condition	Poor	replace								
Running Planks	Not Applicable									
Sub Deck	Poor	rotten with holes								
Ties	Poor	rotten								
SUPERSTRUCTURE										
Span 1										
Bracing	Poor	riveted railcar								
Hardware	Not Applicable	riveted railcar								
CHANNEL	Estimated Present Water Level Depth:	0.3	Estimated Present Water Level Width:	4.5						
	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 entire structure soon					
	2	Recommended	High	\$1.00	update load rating sign					
MONITORS	#	Description								
	1	deck, sill and crib condition								
GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/11/07	P. Eng Reviewer Name:	Tyson Miller				
	Replacement Date for full log haul traffic (year):	2008	Replacement Date for light vehicle traffic (year):	2013						
	Current Load Rating GVW (tonnes):	2	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75				
	Inspector's Estimated Full Log Haul Replacement (year):									
	Inspector's Comment:									
	P.Eng Reviewer's Comment:	Replace entire structure soon. 2 tonnes load rating. Update load rating sign.								
										
										
Corporate Bridge Register (CBR)										





