



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/11/13
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2256	Site #:	CK-2256	Road Name:	SQUEAH	Inspection Date:	2013/11/06
KM:	11.80	User km:	11.80	Crossing Name:	Kieikum Creek	Next Inspection Date:	2014/11/06
Project File ID #:	6092	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Gravel			Running Surface:	Gravel		
Superstructure	Log Stringers			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	14.4	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	615240	UTM Northing:	5481409		
Inspector Name:	T. Miller			Year Built:	1996		
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011						

ABUTMENTS

Bearings	Poor	due to undermined sill
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	undermined U/S right and D/S left
Fill	Poor	large puddle on bridge
Hardware	Not Applicable	
Log/Timber Cribs	Poor	NA
Piles or Posts	Not Applicable	
Riprap	Fair	fair to poor but scoured U/S right
Tie-backs	Not Applicable	
Wing Wall	Fair	only D/S right

APPROACHES

Alignment	Poor	very tight HC both approaches
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	2	
Delineator Missing Right	2	
Fender Condition	Poor	old logs
Posted Load Rating	not	not posted
Road Surface	Poor	potholes

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	fair to poor
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Gravel Deck Depth (metres)	0.3									
Gravel Surface	Poor	large pothole on deck								
Hardware	Poor	gut lashed but stringers rotten								
Hand Rails/Walkouts	Not Applicable									
Overall Deck Condition	Poor	due to large pothole								
STRINGERS										
Span 1										
Stringer #	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments			
1	700	No	150			Fd	300mm rot			
2	750	No	100			Fd				
3	720	No	40			Fd				
4	700	No	50			Fd				
5	680	No	150			Fd	300mm rot			
6	750	No	150			Fd				
7	1000	No	150			Fd	200mm rot			
8	720	No	150			Fd				
9	680	No	100			Fd				
10	720	No	150			Fd	200mm rot			
Log Curbs	Poor	rotting								
Needle Beam(s) and Shims	Not Applicable									
CHANNEL	Estimated Present Water Level Depth:	0.5	Estimated Present Water Level Width:		8.5					
	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	Post load rating sign and block access					
MONITORS	#	Description								
	1	scour and stringer failure								
GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/11/06	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):	0	Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75				
	Inspector's Estimated Full Log Haul Replacement (year):									
Corporate Bridge Register (CBR)										



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Structure #:	CK-2256	Site #:	CK-2256	Road Name:	SQUEAH	Inspection Date:	2013/11/06
Inspector's Comment:							
PEng Reviewer's Comment:	Bridge condemned, 0 tonnes load rating. Please post and block access.						
District Staff Comment:							

fill
Nov 13/2013









