



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3

Date Printed: 2013/08/30

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001B

Structure #:	CK-2237	Site #:	CK-2237	Road Name:	SOWAQUA CREEK	Inspection Date:	2013/08/28
KM:	14.60	User km:	14.60	Crossing Name:	Montigny Creek	Next Inspection Date:	2014/08/28
Project File ID #:	7004	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	30.5	# Spans:	1	Span Length(s) (metres):	17.3		
UTM Zone:	10	UTM Easting:	633573	UTM Northing:	5470120		
Inspector Name:	T. Miller			Year Built:	2006		
Access:							

ABUTMENTS

Bearings	Poor	girders not square on steel cap and off centered
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	steel cap, not centered on crib (right side off center 550mm and not over stiffeners) and only held in place 2 nails on creek side
Fill	Fair	
Hardware	Fair	steel girders welded to steel cap
Log/Timber Crib	Fair	2x Fd, not peeled
Piles or Posts	Not Applicable	
Riprap	Fair	
Tie-backs	Fair	3x Fd, small and not peeled
Wing Wall	Not Applicable	

APPROACHES

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

DECK

Span 1



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Curb Rail/Blocks/Posts	Good	
Deck to Girder Bolts	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Good	
Overall Deck Condition	Good	
Running Planks	Good	
Sub Deck	Good	
Ties	Good	

SUPERSTRUCTURE

Span 1

Bracing	Fair	
Diaphragms	Fair	4 bays, bolted
Girders	Fair	2 steel I-beams, only a section from 30.48m bridge
Hardware	Fair	
Under Trussing	Not Applicable	

CHANNEL	Estimated Present Water Level Depth:	0.3	Estimated Present Water Level Width:	4.0
	Estimated High Water Level Clearance:	2.0		

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

REPAIRS	#	Status	Priority	Estimate	Description
	1	Recommended	Medium	\$1.00	post missing bridge ahead signs

MONITORS	#	Description
	1	bearing

GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/08/30	P. Eng Reviewer Name:	Tyson Miller
	Replacement Date for full log haul traffic (year):	2020	Replacement Date for light vehicle traffic (year):	2020		
	Current Load Rating GVW (tonnes):		Design Load GVW (tonnes):	68	Design Vehicle Config.:	L75
	Inspector's Estimated Full Log Haul Replacement (year):					
	Inspector's Comment:					



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PEng
Reviewer's
Comment:

Post bridge ahead signs and monitor the structure bearing. The existing girders are only 1 section from a previous installation; and the steel indicates L75 loading for a 30.480m long structure. The L75 loading can continue provided the structural/fabrication drawings are sent to CEG for review.

District Staff
Comment:

T. W. Miller
Aug 30/2013









