



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3

Date Printed: 2013/08/26

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001A

Structure #:	CK2506	Site #:	CK2506	Road Name:	CHEHALIS-ALF	Inspection Date:	2013/07/17
KM:	0.20	User km:	0.20	Crossing Name:	Alf Creek	Next Inspection Date:	2014/07/17
Project File ID #:	8241	Br.	18	Forest District:	Chilliwack Forest District		
Deck Type:	Concrete Composite			Running Surface:	Concrete		
Superstructure	Steel I-beam			Abutments (Left/Right):	Steel Pipe and Precast Pad		
Total Length (metres):	15.3	# Spans:	1	Span Length(s) (metres):	14.4		
UTM Zone:	10	UTM Easting:	569141	UTM Northing:	5466216		
Inspector Name:	T. Miller			Year Built:	1998		
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Fair	rubber pads and steel plates
Fill	Fair	
Hardware	Good	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	vertical approaches both sides
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	1	
Fender Condition	Fair	olg logs
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Poor	rotten risers and blocks
Deck Joints	Fair	



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Grout Pockets	Fair											
Hardware	Poor	loose rail bolts										
Hand Rails/Walkouts	Not Applicable											
Overall Deck Condition	Poor	due to guardrail										
Running Surface	Fair	sediment on deck										
SUPERSTRUCTURE												
Span 1												
Bracing	Fair	1 missing bolts at 1 end										
Diaphragms	Good	3 - bolted										
Girders	Good	2 steel I-beams										
Hardware	Fair	missing bolts										
Under Trussing	Not Applicable											
CHANNEL	Estimated Present Water Level Depth:		0.2		Estimated Present Water Level Width:		3.0					
	Estimated High Water Level Clearance:		2.0									
HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No		
	Comment:	riprap on right approach scoured										
REPAIRS	#	Status	Priority	Estimate	Description							
	1	Recommended	High	\$1.00	replace missing bracing bolts							
	2	Recommended	High	\$1.00	replace guardrail, risers and blocks							
	3	Recommended	Medium	\$1.00	brush							
	4	Recommended	Medium	\$1.00	post missing signs and delineators							
MONITORS	#	Description										
GENERAL	Professional Inspection Required?		No		Regional Review Date:		2013/08/26		P. Eng Reviewer Name:		Tyson Miller	
	Replacement Date for full log haul traffic (year):				2043		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:											
	PEng Reviewer's Comment:		Replace missing bracing bolts. Replace guardrail, risers and blocks. Brush approaches, post bridge ahead signs and missing delineators and grade with activity. Present load rating of L150 or 136 tonnes to continue.									
Corporate Bridge Register (CBR)												



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District Staff Comment:							



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Aug 26/2013

