



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3
Date Printed: 2014/07/14
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A
File:

Structure #:	CK-2510	Site #:	CK-2510	Road Name:	CHEHALIS-BOULDER	Inspection Date:	2014/01/23
KM:	2.50	User km:		Crossing Name:	Unknown	Next Inspection Date:	2017/01/23
Project File ID #:	8241	Br.	17	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Concrete			Running Surface:	Concrete		
Superstructure	Concrete Slab Girders			Abutments (Left/Right): (looking downstream)	Steel Pipe and Precast Pad		
Total Length (metres):	12.0	# Spans:	1	Span Length(s) (metres):	11.5		
UTM Zone:		UTM Easting:		UTM Northing:			
Inspector Name:	T. Miller			Year Superstructure Installed:			
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Unrated	buried
Ballast Wall	Good	
Corrosion Protection	Unrated	buried
Caps or Sills	Good	concrete cap/wing combo
Fill	Fair	upstream left approach eroded (or never placed)
Hardware	Not Applicable	
Piles or Posts	Unrated	buried
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	missing upstream right
Posted Load Rating	91	
Road Surface	Fair	

DECK

Span 1

Corporate Bridge Register (CBR)

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Concrete Deck	Fair	minor track damage and upstream girder struck by debris - rebar exposed and minor rust - monitor								
Curb Rail/Blocks/Posts	Fair	rot detected in side blocks but still functional								
Deck Joints	Not Applicable									
Grout Pockets	Not Applicable									
Grout Pockets	Not Applicable									
Hardware	Fair									
Hand Rails/Walkouts	Not Applicable									
Overall Deck Condition	Fair									
Running Surface	Fair									
SUPERSTRUCTURE										
Span 1										
Bracing	Not Applicable									
Hardware	Not Applicable									
Welded/grouted shear connect	Good	welded - 5 plates per slab								
CHANNEL	Estimated Present Water Level Depth:		0.0		Estimated Present Water Level Width:		3.0			
	Estimated High Water Level Clearance:		0.3							
HAZARDS	High Water:	Yes	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	Yes
	Comment:	Stream has high debris movement potential, upstream slab has already been struck								
REPAIRS	#	Status	Priority	Estimate	Description					
	1	Required	Medium	\$1.00	Patch upstream slab girder					
	2	Required	Medium	\$1.00	Remove debris at inlet					
	3	Required	Medium	\$1.00	Install missing fender log					
	4	Required	Medium	\$1.00	Move upstream left fender over and replace eroded fill					
	5	Required	Medium	\$1.00	Post bridge ahead signs and switch 2 delineators					
MONITORS	#	Description								
	1	Debris accumulations at inlet								
	2	Damage to upstream slab girder								
Corporate Bridge Register (CBR)										

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GENERAL	Inspector's Comment:	Remove debris accumulations from the inlet, install the missing fender log, replace eroded fill at left upstream approach and move fender log over, repair upstream slab girder where it was struck and post bridge ahead signs. Monitor the debris accumulations at the inlet. CEG doesn't have any structural or record drawings, please send them over for the file. Limit loading to BCL-625 or 63 tonnes. Please update load rating sign.					
	Replacement Date for full log haul traffic (year):		2040		Replacement Date for light vehicle traffic (year):		2040
	Current Inspection Load Rating:	See footnote	Design Load GVW (tonnes):		Design Vehicle Config.:		
	Professional Inspection Required?	No	Report Status:	Accepted By Tyson Miller on 7/14/2014 1:37:57PM			



T.W. Miller
July 14/2014

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CK 2510







