



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3

Date Printed: 2013/08/27

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001A

Structure #:	CK-2395	Site #:	CK-2395	Road Name:	ENGLISH CREEK	Inspection Date:	2013/07/04
KM:	0.30	User km:	0.30	Crossing Name:	Big Silver River	Next Inspection Date:	2014/07/04
Project File ID #:	5748	Br.	20	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):	44.2	# Spans:	2	Span Length(s) (metres):	31.3, 11.7		
UTM Zone:	10	UTM Easting:	582243	UTM Northing:	5502172		
Inspector Name:	T. Miller			Year Built:			
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Fair	left side recently repaired, and again recently damaged
Corrosion Protection	Good	
Caps or Sills	Good	steel plates and rubber pads
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	goot at ends, no riprap at pier
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	HC on both approaches
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	2	
Delineator Missing Right	2	
Fender Condition	None	
Posted Load Rating	10	updated load rating sign
Road Surface	Fair	

DECK

Span 1

Concrete Deck	Fair	
Curb Rail/Blocks/Posts	Good	
Deck Joints	Good	



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Grout Pockets	Good	
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Fair	
Running Surface	Fair	

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	sheathing
Caps	Good	steel plates and rubber pads
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Not Applicable	
Overall	Fair	
Piles or Posts	Good	
Riprap	Poor	none
Wall	Not Applicable	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphragms	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL	Estimated Present Water Level Depth:	3.0	Estimated Present Water Level Width:	23.0
	Estimated High Water Level Clearance:	5.0		

HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No
	Comment:	monitor pier for scour								

REPAIRS	#	Status	Priority	Estimate	Description
	1	Recommended	Medium	\$1.00	post bridge ahead and load rating signs
	2	Recommended	Medium	\$1.00	place log fenders
	3	Recommended	Medium	\$3.00	replace missing delineators
	4	Recommended	Medium	\$1.00	brush

Corporate Bridge Register (CBR)



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MONITORS	#	Description					
	1	monitor pier for scour					
GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/08/27	P. Eng Reviewer Name:	Tyson Miller	
	Replacement Date for full log haul traffic (year):	2050	Replacement Date for light vehicle traffic (year):	2050			
	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:	Post bridge ahead and updated load rating sign. Place log fenders, replace missing delineators and brush with activity. The grouting of the pier (scour) appeared ok at the time of inspection - monitor. Present load rating of L150 or 136 tonnes to continue.					
District Staff Comment:							

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Aug 27/2013









