



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3

Date Printed: 2013/08/27

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001B

Structure #:	CK-2459	Site #:	CK-2459	Road Name:	HORNET CREEK	Inspection Date:	2013/07/04
KM:	0.40	User km:		Crossing Name:	Unknown	Next Inspection Date:	2014/07/04
Project File ID #:	5748	Br.	19	Forest District:	Chilliwack Forest District		
Deck Type:	Steel	Running Surface:	Anti-skid				
Superstructure	Steel Box Beam	Abutments (Left/Right):	Steel Pipe and Precast Pad				
Total Length (metres):	15.2	# Spans:	1	Span Length(s) (metres):	15		
UTM Zone:	10	UTM Easting:	585318	UTM Northing:	5495322		
Inspector Name:	T. Miller	Year Built:	2010				
Access:							

ABUTMENTS

Bearings	Fair	due to cracking on timbers
Bracing	Not Applicable	
Ballast Wall	Poor	backfilled right against steel
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	concrete cap/wall combo with untreated timbers that are now cracked
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Unrated	buried
Riprap	Fair	not well graded and voids present (scour) on right side- monitor
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	VC left approach
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	2	
Delineator Missing Right	1	
Fender Condition	Fair	logs - missing U/S left approach
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	HSS with steel risers - looks like some have been replaced
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	



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Structure #:	CK-2459	Site #:	CK-2459	Road Name:	HORNET CREEK	Inspection Date:	2013/07/04					
Overall Deck Condition	Poor	due to heavy sediment on deck										
Running Surface	Poor	lots of sediment on deck and slight deformation on upstream right approach - most likely at time of install										
Steel Deck Plate	Unrated	too much sediment										
SUPERSTRUCTURE												
Span 1												
Bracing	Unrated	internal										
Diaphragms	Unrated	internal										
Girders	Fair	2 box beams per side										
Hardware	Not Applicable											
Under Trussing	Not Applicable											
CHANNEL	Estimated Present Water Level Depth:		0.1		Estimated Present Water Level Width:		1.2					
	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	Medium	\$1.00	post missing bridge ahead and load rating signs							
	2	Recommended	Medium	\$1.00	brush approaches							
	3	Recommended	Medium	\$1.00	replace missing fender log							
	4	Recommended	Medium	\$1.00	replace missing delineators							
	5	Recommended	Medium	\$1.00	clean sediment off deck							
MONITORS	#	Description										
	1	scour noted on right abutment										
	2	slight steel deck deformation on upstream edge										
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):			2020		Replacement Date for light vehicle traffic (year):						
	Current Load Rating GVW (tonnes):		68		Design Load GVW (tonnes):		68		Design Vehicle Config.:		L75	
	Inspector's Estimated Full Log Haul Replacement (year):											
	Inspector's Comment:											
	PEng Reviewer's Comment:		Post bridge ahead and load rating signs. Replace missing fender log and delineators, clean sediment off deck, and brush approaches. Monitor scour noted at left abutment and steel deformation on upstream edge of deck. Girders indicate L75 loading, which can continue provided the structural drawings are submitted to CEG.									
Corporate Bridge Register (CBR)												



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District Staff Comment:							

*File
Aug 27/2013*









