



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/08/22
User Id: IDIRTYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2022	Site #:	CK-2022	Road Name:	CHEHALIS	Inspection Date:	2013/07/17
KM:	15.20	User km:	15.20	Crossing Name:	Statlu Creek	Next Inspection Date:	2014/07/17
Project File ID #:	8241	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (Left/Right):	Concrete Precast		
Total Length (metres):	37.6	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	570881	UTM Northing:	5466455		
Inspector Name:	T. Miller			Year Built:	1987		
Access:	Drive north on road north of Harrison Bay turn left onto Chehalis FSR Updated by M.Kirk, Onsite Engineering Ltd, Jan 2011						

ABUTMENTS

Bearings	Fair	
Bracing	Good	right side is good = geogrid between lock block rows; left side is poor
Ballast Wall	Fair	right side is good = concrete; left side is fair = old logs
Concrete Precast	Fair	right side good = precast footing and 4X lock blocks; left side fair = old CIP
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	right side good concrete cap, left is fair and old Cw log
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Fair	additional riprap req'd U/S left side
Wing Wall	Poor	right side is D/S good = 8x lock blocks, battered; left side is poor, especially U/S, scoured

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	minor on woods (left) approach
Delineator Missing Left	1	
Delineator Missing Right	1	
Fender Condition	Fair	
Posted Load Rating	90	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
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Deck to Girder Bolts	Poor	only 1 visible
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	starting to protrude
Overall Deck Condition	Fair	replacement of entire deck will be required soon to keep current rating
Running Planks	Not Applicable	
Sub Deck	Fair	showing signs or wear
Ties	Fair	

SUPERSTRUCTURE

Span 1

Bracing	Fair	painted, surface rust, welded
Diaphragms	Fair	painted, surface rust, welded
Girders	Fair	non weathering steel, painted with surface rust, spliced
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL	Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	18.0
	Estimated High Water Level Clearance:	3.0		

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

REPAIRS	#	Status	Priority	Estimate	Description
	3	Recommended	Medium	\$1.00	replace missing delineators

MONITORS	#	Description

GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/08/22	P. Eng Reviewer Name:	Tyson Miller
	Replacement Date for full log haul traffic (year):	2017	Replacement Date for light vehicle traffic (year):			
	Current Load Rating GVW (tonnes):	91	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100
	Inspector's Estimated Full Log Haul Replacement (year):					
	Inspector's Comment:					



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PEng Reviewer's Comment:	Deck nearing the end of its industrial life, entire deck replacement will be required soon in order to keep current load rating - inspect again next year. Additional riprap required upstream left abutment to prevent further scour behind cast-in-place (CIP) footing. Replace missing delineators. Current load rating of L100 or 91 tonnes to continue.						
District Staff Comment:							

Still
Aug 22/2013











