



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3

Date Printed: 2013/10/07

User Id: IDIRITYSMILLE

Database: PROD

Report Id: CBR001B

Structure #:	CK-2175	Site #:	CK-2175	Road Name:	LOST-MURDO	Inspection Date:	2013/10/02
KM:	1.20	User km:	1.20	Crossing Name:	Not Known	Next Inspection Date:	2015/10/02
Project File ID #:	8466	Br.	02	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	10.4	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	556251	UTM Northing:	5460467		
Inspector Name:	T. Miller			Year Built:	2012		
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Jan 2011						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	timbers
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Fair	
Hardware	Good	lashed
Log/Timber Cribs	Good	3x left, 4x right
Piles or Posts	Not Applicable	
Riprap	Good	
Tie-backs	Good	3x
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	steep VC on both approaches
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left	1	
Delineator Missing Right	1	
Fender Condition	Fair	D/S right sloughing off road
Posted Load Rating	54	
Road Surface	Poor	water running down road, scoured

DECK

Span 1

Curb Rail/Blocks/Posts	Good
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Deck to Girder Bolts	Good								
Hardware	Good								
Hand Rails/Walkouts	Not Applicable								
Nails	Good								
Overall Deck Condition	Good								
Running Planks	Good								
Sub Deck	Good								
Ties	Good								
SUPERSTRUCTURE									
Span 1									
Bracing	Fair	welded							
Diaphragms	Fair	3x - welded							
Girders	Fair	2 steel I-beams							
Hardware	Not Applicable								
Under Trussing	Not Applicable								
CHANNEL	Estimated Present Water Level Depth:		0.3		Estimated Present Water Level Width:		3.0		
	Estimated High Water Level Clearance:		3.0						
HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris:	No	
	Comment:								
REPAIRS	#	Status	Priority	Estimate	Description				
	1	Recommended	Medium	\$1.00	replace missing delineators				
	2	Recommended	Medium	\$1.00	control surface water to prevent fill erosion at right downstream				
	3	Recommended	Medium	\$1.00	clean sediment off deck to prolong life				
MONITORS	#	Description							
GENERAL	Professional Inspection Required?		No	Regional Review Date:		2013/10/07	P. Eng Reviewer Name:		Tyson Miller
	Replacement Date for full log haul traffic (year):			2032	Replacement Date for light vehicle traffic (year):			2032	
	Current Load Rating GVW (tonnes):		54	Design Load GVW (tonnes):		54	Design Vehicle Config.:		L60
	Inspector's Estimated Full Log Haul Replacement (year):								
	Inspector's Comment:								
Corporate Bridge Register (CBR)									



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PEng Reviewer's Comment:	Replace missing delineators, control surface water to prevent further fill erosion and clean sediment off deck to prolong its life. Present load rating of L60 or 54 tonnes to continue.						
District Staff Comment:							



Full
Oct 7/2013





