



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2015/12/15
User Id: IDIRJOLMSTED
Database: PROD
Report Id: CBR001B
File:

Structure #:	G1-196	Site #:	G1-196	Road Name:	CP 792 AM 22	Inspection Date:	2015/09/04
KM:	3.70	User km:	1287.50	Crossing Name:	Unnamed creek	Next Inspection Date:	2017/09/04
Project File ID #:	R01821	Br.	M1	Forest District:	Prince George Natural Resource District		
Deck Type:	Timber - Untreated - Panels			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (Left/Right): (looking downstream)	Crib, Log or Untreated Timber		
Total Length (metres):	6.1	# Spans:	1	Span Length(s) (metres):	6.1		
UTM Zone:	10	UTM Easting:	582378	UTM Northing:	6050515		
Inspector Name:	Sean Hawryluk			Year Superstructure Installed:	1998		
Access:	Ken Gleeson, 2012: In CBR the GPS coordinates are incorrect. They should be GPS N54 35 46.1 W121 43 40.5. This places the bridge on the Chuchinka-Missinka South FSR at approx. 1.38km.						

ABUTMENTS

Bearings	Poor	Steel girders on rotten cribbing - not bolted down
Bracing	Not Applicable	
Ballast Wall	Poor	Rot, fungus. Replace
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	Rot, fungus. Replace
Fill	Good	
Hardware	Poor	No girder to sill bolts
Log/Timber Cribbs	Poor	Rot, fungus. Replace. Undermining
Piles or Posts	Not Applicable	
Riprap	Poor	Riprap only present at upstream corners
Tie-backs	Poor	Rotten
Wing Wall	Not Applicable	

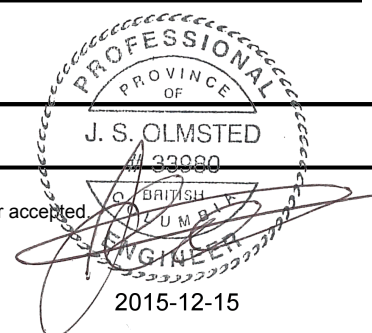
APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	Cannot see due to heavy brush
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	Replace
Road Surface	Poor	Rough approaches

Corporate Bridge Register (CBR)

Disclaimer:

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- 2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.





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DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Steel on upstream side is slightly bent
Deck to Girder Bolts	Good	
Hardware	Not Applicable	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	Dirty, rot present
Running Planks	Fair	Dirty, rot and insect activity especially on outer 3 planks each side
Sub Deck	Fair	Dirty, rot
Ties	Good	Steel

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphragms	Fair	
Girders	Fair	
Hardware	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	Estimated Present Water Level Width:	2.2
Estimated High Water Level Clearance:	1.3		

HAZARDS

High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No
Comment:	No armoring in front and downstream of cribs, which have been undermined slightly								

REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	\$0.00	Replace rotten log/timber cribs, tie backs, caps/sills, ballast wall, deck and subdeck prior to industrial use.
2	Required	Medium	\$0.00	Add additional riprap for better armouring for abutments
3	Required	Medium	\$0.00	Add fenders, missing delineators, and signs
4	Required	Medium	\$0.00	Brushing
5	Required	Low	\$0.00	Fix rough approaches

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MONITORS	#	Description						
	1	Monitor progression of rot until components are replaced						
GENERAL	Inspector's Comment:							
GENERAL	PEng's Comment:							
GENERAL	Replacement Date for full log haul traffic (year):			2013	Replacement Date for light vehicle traffic (year):			
	Current Inspection Load Rating:		5	Design Load GVW (tonnes):		91	Design Vehicle Config.:	L100
	Professional Inspection Required?		No	Report Status:	Reviewed By Jason Olmsted on 12/15/2015 10:48:17AM			

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