



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2016/01/27
User Id: IDIRJOLMSTED
Database: PROD
Report Id: CBR001B
File:

Structure #:	G6-968	Site #:	G6-469	Road Name:	THNA 41000	Inspection Date:	2015/09/22
KM:	1.20	User km:	1.20	Crossing Name:	unnamed	Next Inspection Date:	2017/09/22
Project File ID #:	10465	Br.	02	Forest District:	Mackenzie Natural Resource District		
Deck Type:	Timber - Untreated - Panels			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (Left/Right): (looking downstream)	Sill -Temporary Materials		
Total Length (metres):	12.2	# Spans:	1	Span Length(s) (metres):	12.2		
UTM Zone:	10	UTM Easting:	404871	UTM Northing:	6139885		
Inspector Name:	Edward Folk, P.Eng.			Year Superstructure Installed:	2007		
Access:							

ABUTMENTS

Bearings	Not Applicable	
Bracing	Not Applicable	
Ballast Wall	Fair	signs of rot
Corrosion Protection	Not Applicable	
Caps or Sills	Poor	treated timber sills are good but not fully supported due to erosion of bse material and bulging GRS
Fill	Fair	GRS not installed properly
Hardware	Fair	
Piles or Posts	Not Applicable	
Riprap	Poor	not enough and not keyed in
Wing Wall	Fair	GRS not installed properly

APPROACHES

Alignment	Fair	corner at both ends and in a dip
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Sx logs, starting to rot
Road Surface	Fair	

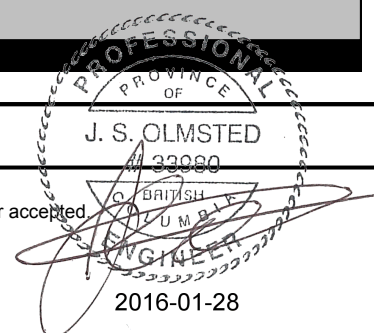
DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:

- 1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
- 2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.





BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 2 of 3
Date Printed: 2016/01/27
User Id: IDIRJOLMSTED
Database: PROD
Report Id: CBR001B
File:

Structure #:	G6-968	Site #:	G6-469	Road Name:	THNA 41000	Inspection Date:	2015/09/22
--------------	--------	---------	--------	------------	------------	------------------	------------

Curb Rail/Blocks/Posts	Fair	starting to rot
Deck to Girder Bolts	Fair	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	sgns of wear and starting to rot in places
Sub Deck	Fair	
Ties	Fair	

SUPERSTRUCTURE

Span 1

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

CHANNEL	Estimated Present Water Level Depth:	0.1	Estimated Present Water Level Width:	1.3
	Estimated High Water Level Clearance:	2.0		

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

REPAIRS	#	Status	Priority	Estimate	Description
	1	Required	High	\$5,000.00	remove the structure and level bases, place geotextile then place concrete cast in place or precast pad to spread load and cover erosion area. then reset timber sills and structure. Possibly add to armouring. this should be done prior to industrial use.

MONITORS	#	Description
	1	both HC and LC sills are suffering erosion

--	--	--

Corporate Bridge Register (CBR)

Disclaimer:

- 1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
- 2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 3 of 3
Date Printed: 2016/01/27
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001B
File:

Structure #:	G6-968	Site #:	G6-469	Road Name:	THNA 41000	Inspection Date:	2015/09/22
GENERAL	Inspector's Comment:	E Folk, Sept 2015-timber sills are too close to the face of the GRS, the walls should have been started closer to the creek. Recommend a concrete pad be used to place the timber sills on, ca use precast or cast in place prior to industrial use. 2.8km from main road.					
GENERAL	PEng's Comment:	Will take a look at this site in the spring/summer. This bridge may have to be reinstalled.					
GENERAL	Replacement Date for full log haul traffic (year):			2030	Replacement Date for light vehicle traffic (year):		
	Current Inspection Load Rating:		91	Design Load GVW (tonnes):		91	Design Vehicle Config.:
	Professional Inspection Required?		No	Report Status:		Reviewed By Jason Olmsted on 1/27/2016 3:58:24PM	

Corporate Bridge Register (CBR)

Disclaimer:

- 1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
- 2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.