



BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Page: 1 of 3
Date Printed: 2018/12/11
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2524	Site #:	CK-2524	Road Name:	BIG SILVER	Inspection Date:	2018/06/15
KM:	0.30	User km:	0.30	Crossing Name:	Big Silver River	Next Inspection Date:	2018/11/08
Project File ID #:	5748	Br.	30	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Superstructure	Steel I-beam			Abutments (looking downstream)	Left Right	Steel Pipe and Precast Pad Crib, Log or Untreated Timber	
Total Length (metres):	50.3	# Spans:	2	Span Length(s) (metres):	40.6, 8.5		
UTM Zone:	10	UTM Easting:	584909	UTM Northing:	5495763		
Inspector Name:	Tyson Miller		Year Superstructure Installed:	2014			
Access:							

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	Logs right bank timber left
Corrosion Protection	Good	
Fill	Good	
Hardware	Good	Crib lashed
Log/Timber Cribs	Good	right bank, 6x
Piles or Posts	Good	
Riprap	Good	
Tie-backs	Fair	1 broken tieback end - monitor
Wing Wall	Good	Right bank only

APPROACHES

Alignment	Fair	HC and VC both approaches
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Fair	Missing upstream left approach
Posted Load Rating	90060	

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.



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Road Surface

Fair

DECK

Span 1

Curb Rail/Blocks/Posts

Good

Deck to Girder Bolts

Good

Hardware

Good

Nails

Good

Overall Deck Condition

Good

Running Planks

Fair

Sub Deck

Good

Treated

Ties

Good

Treated

Span 2

Curb Rail/Blocks/Posts

Good

Deck to Girder Bolts

Good

Hardware

Good

Nails

Good

Overall Deck Condition

Good

Running Planks

Fair

Sub Deck

Good

Treated

Ties

Good

Treated

PIERS

Pier 1

Bearings

Good

Bracing or Sheathing

Good

Caps

Good

concrete

Overall

Good

Piles or Posts

Good

4 round piles, outside ones angled

Riprap

Good

SUPERSTRUCTURE

Span 1

Bracing

Good

Jump span

Corporate Bridge Register (CBR)

Disclaimer:

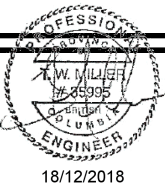
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Diaphragms	Good	Jump span					
Girders	Good	Jump span					
Span 2							
Bracing	Fair	main span					
Diaphragms	Fair	main span					
Girders	Fair	main span					
CHANNEL	Estimated Present Water Level Depth:		5.0		Estimated Present Water Level Width:		28.0
	Estimated High Water Level Clearance:		5.0				
HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris: No Aggradation: No
	Comment:						
REPAIRS	#	Status	Priority	Estimate	Description		
	1	Suggested	Medium		Replace missing fender logs		
MONITORS	#	Description					
	1	Broken tieback					
GENERAL	Inspector's Comment:	 18/12/2018					
GENERAL	PEng's Comment:	Replace missing fender logs and monitor the upstream right abutment tieback and fill condition in this area. Present load rating of L100 or 91 tonnes to continue.					
GENERAL	Replacement Date for full log haul traffic (year):		2035		Replacement Date for light vehicle traffic (year):		2035
	Current Inspection Load Rating:		See footnote	Design Load GVW (tonnes):		91	Design Vehicle Config.: L100
	Professional Inspection Required?		No	Report Status: In Progress By IDIR\TYSMILLE on 2018/12/11 10:19:13			

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CK-2524

BIG SILVER 0.3km

2018 Inspection



Approach from Left Bank when facing downstream



Upstream from Crossing



Deck



Downstream from Crossing

CK-2524

BIG SILVER 0.3km

2018 Inspection



Approach from Right Bank when facing downstream



Structure ID



Upstream Profile



Pier



Left Bank Abutment when facing downstream



Broken tieback upstream right abutment



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

CK-2524

BIG SILVER 0.3km

2018 Inspection



Mainspan superstructure



Jump span superstructure