



BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Page: 1 of 3
Date Printed: 2020/11/26
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Site #:	CK-2524	Structure Name:	CK-2524	Road Name:	BIG SILVER	Inspection Date:	2020/05/15
KM:	0.30	User km:	0.30	Crossing Name:	Big Silver River	Next Inspection Date:	2020/08/20
Project File ID #:	5748	Br.	30	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Curb Type:				Abutments (looking downstream)	Left	Steel Pipe and Precast Pad	
Superstructure:	Steel I-beam				Right	Crib, Log or Untreated Timber	
Total Length (metres):	50.3	# Spans:	2	Span Width:			Span Length(s) (metres):
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	Timbers left bank, logs right bank
Corrosion Protection	Good	left bank
Caps or Sills	Unrated	NA
Fill	Good	
Hardware	Good	
Log/Timber Crib	Good	right bank only, 6 face logs high
Piles or Posts	Good	Only left bank
Riprap	Good	
Tie-backs	Fair	1 broken tieback upstream, otherwise good condition
Wing Wall	Fair	right bank only - part of crib

APPROACHES

Alignment	Fair	HC both approaches
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	

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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Posted Load Rating (Enter 0 if sign missing)	90900	
Road Surface	Good	

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Fair	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Good	Treated
Ties	Good	Treated

Span 2

Curb Rail/Blocks/Posts	Fair	
Deck to Girder Bolts	Good	
Hardware	Fair	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Fair	
Sub Deck	Good	Treated
Ties	Good	Treated

PIERS

Pier 1

Bearings	Good	
Bracing or Sheathing	Good	
Caps	Good	
Overall	Good	
Piles or Posts	Good	
Riprap	Good	

SUPERSTRUCTURE

Corporate Bridge Register (CBR)

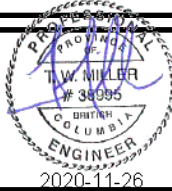
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Span 1										
Bracing	Good									
Diaphragms	Good									
Girders	Good		jump span - 3 welded bays							
Span 2										
Bracing	Fair									
Diaphragms	Fair									
Girders	Fair		main span girders reused from previous install at this location and modified for jump span seat							
CHANNEL	Estimated Present Water Level Depth:		3.0		Estimated Present Water Level Width:		30.0			
	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					
	1	Suggested	Medium	\$	Clean sediment off deck					
MONITORS	#	Description								
	1	Broken tieback and crib condition								
GENERAL	Inspector's Comment:									
GENERAL	PEng's Comment:	Remove sediment accumulations from the deck and monitor the crib condition at the broken tieback location. The current 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):				Design Vehicle Config.:		L100
	Professional Inspection Required?		No	Report Status:		In Progress By IDIR\TYSMILLE on 2020/11/26 09:47:26				

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Approach from Left Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Sediment getting onto deck at right approach



Pier



Broken tieback at upstream right bank



Upstream Profile



Structure ID



Pier





Right Bank Abutment when facing downstream



Main span Superstructure



Jump span superstructure