



BC Ministry of Forests, Lands, and Natural Resource Operations

Log Stringer Bridge Inspection Report

Page: 1 of 3
 Date Printed: 2020/01/23
 User Id: IDIRITYSMILLE
 Database: PROD
 Report Id: CBR001B

Structure #:	CK-2232A	Site #:	CK-2232	Road Name:	BUCKLIN	Inspection Date:	2019/11/06
KM:	3.00	User km:	3.00	Crossing Name:	Bucklin Creek	Next Inspection Date:	2021/11/06
Project File ID #:	8394	Br.	03	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Steel			Running Surface:	Anti-skid		
Superstructure	Steel Box Beam			Abutments (looking downstream)	Left Crib, Log or Untreated Timber Right Crib, Log or Untreated Timber		
Total Length (metres):	33.5	# Spans:	2	Span Length(s) (metres):	18, 15		
UTM Zone:	10	UTM Easting:	520171	UTM Northing:	5505313		
Inspector Name:	T. Miller			Year Superstructure Installed:	2017		
Access:							

ABUTMENTS

Bearings	Good	
Ballast Wall	Fair	logs
Caps or Sills	Good	single log sill located just behind old log crib on left abutment
Fill	Fair	
Log/Timber Crib	Fair	combination of old and new logs
Riprap	Fair	
Tie-backs	Fair	3x visible right bank

APPROACHES

Alignment	Fair	HC right approach, VC left
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	
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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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Overall Deck Condition	Good	
Running Surface	Good	
Steel Deck Plate	Good	
Span 2		
Curb Rail/Blocks/Posts	Good	
Overall Deck Condition	Good	
Running Surface	Good	
Steel Deck Plate	Good	

PIERS		
Pier 1		
Bearings	Good	
Caps	Good	treated timbers on log crib
Cribs	Fair	
Hardware	Fair	
Overall	Fair	
Riprap	Fair	

SUPERSTRUCTURE		
Span 1		
Bracing	Unrated	internal
Diaphragms	Unrated	internal
Girders	Good	steel box beams
Span 2		
Bracing	Unrated	internal
Diaphragms	Unrated	internal
Girders	Good	steel box beams

CHANNEL	Estimated Present Water Level Depth:		1.0		Estimated Present Water Level Width:		15.0			
	Estimated High Water Level Clearance:		3.0							
HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	Yes	Aggradation:	Yes
	Comment:									

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REPAIRS	#	Status	Priority	Estimate	Description		
	1	Required	Medium	\$ 200.00	Post bridge ahead signs		
MONITORS	#	Description					
GENERAL	Inspector's Comment:						
GENERAL	PEng's Comment:	New structure installed in August 2017. Post bridge ahead signs. The current load rating of L165 or 150 tonnes to continue.					
GENERAL	Replacement Date for full log haul traffic (year):		2032		Replacement Date for light vehicle traffic (year):		2032
	Current Inspection Load Rating:		150		Design Load GVW (tonnes):		150
	Design Vehicle Config.:		L165				
GENERAL	Professional Inspection Required?	No	Report Status:	Reviewed By Tyson Miller on 2020/01/23 08:52:46			



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Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



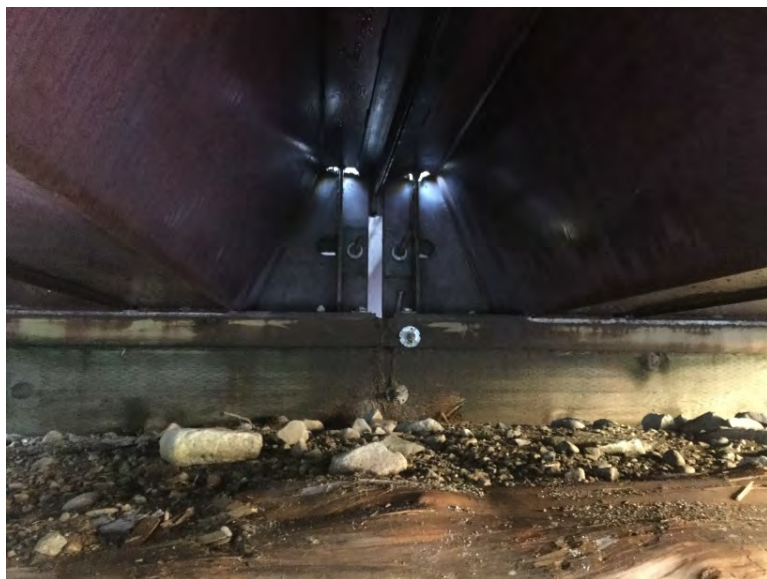
Left span structure ID



Left face of pier



Upstream Profile



Left face pier bearing



Upstream pier bearings



Right span structure ID



Right Bank Abutment when facing downstream



Pier superstructure connection



Right face of pier



Right span superstructure