



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/11/19
User Id: IDIRITYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2284	Site #:	CK-2284	Road Name:	TSILEUH CREEK	Inspection Date:	2013/10/09
KM:	4.40	User km:	4.40	Crossing Name:	Tikwalus Creek	Next Inspection Date:	2015/10/09
Project File ID #:	7978	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Treated			Running Surface:	Timber Planks		
Superstructure	Log Stringers			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	10.7	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	612003	UTM Northing:	5507691		
Inspector Name:	T. Miller		Year Built:	1980			
Access:	Turn left off of Highway #1 north of Hope onto Tsileuh FSR.						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Good	treated timbers
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	treated timbers on right
Fill	Fair	hole at surface at right approach
Hardware	Not Applicable	
Log/Timber Cribs	Fair	Cw, 2x closed face, scouring on left
Piles or Posts	Not Applicable	
Riprap	Poor	scouring under left abutment
Tie-backs	Fair	3x
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	1	
Fender Condition	None	
Posted Load Rating	not	not posted
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	undersized
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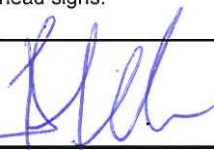
Structure #:	CK-2284	Site #:	CK-2284	Road Name:	TSILEUH CREEK	Inspection Date:	2013/10/09			
Deck to Girder Bolts	Unrated	cannot see any connection to girders								
Hardware	Fair									
Hand Rails/Walkouts	Not Applicable									
Nails	Fair									
Overall Deck Condition	Poor	due to rails								
Running Planks	Not Applicable									
Sub Deck	Fair									
Ties	Fair									
STRINGERS										
Span 1										
Stringer #	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments			
1	620 x 640	Yes	50	50	50	Fd				
2	620 x 670	Yes	50	50	50	Fd				
3	580	Yes	150	150	150	Fd				
4	620 x 670	Yes	50	50	50	Cw				
5	620 x 670	Yes	10	10	10	Cy				
6	620 x 670	Yes	70	70	70	Fd				
7	620 x 670	Yes	10	10	10	Fd				
Log Curbs	Poor	none								
Needle Beam(s) and Shims	Not Applicable									
CHANNEL	Estimated Present Water Level Depth:			0.3		Estimated Present Water Level Width:		4.0		
	Estimated High Water Level Clearance:			1.0						
HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									
REPAIRS	#	Status	Priority	Estimate	Description					
	1	Recommended	High	\$1.00	post updated load rating sign and missing delineator					
	2	Recommended	Medium	\$1.00	post bridge ahead signs					
	3	Recommended	Medium	\$1.00	add fenders at approaches					
MONITORS	#	Description								
Corporate Bridge Register (CBR)										



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GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/11/19	P. Eng Reviewer Name:	Tyson Miller	
	Replacement Date for full log haul traffic (year):	2010	Replacement Date for light vehicle traffic (year):	2010			
	Current Load Rating GVW (tonnes):	10	Design Load GVW (tonnes):	91	Design Vehicle Config.:	L100	
	Inspector's Estimated Full Log Haul Replacement (year):						
	Inspector's Comment:						
	P.Eng Reviewer's Comment:	10 tonnes load limit. Add fenders at approaches, replace missing delineator and post updated load rating and bridge ahead signs.					
District Staff Comment:	 Nov 19/2013						

