

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION**

(enter either long/lat or UTM below - not both)

*Site #: CK 2210	*Crossing Name: Mowhokum Crk	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8019
*Structure #:			*Br. 03
*FSR Name: Mowhokum Crk	*Forest District: CK	*Kilometres:	User km: 6.5
Longitude: (ddd / mm / ss.s) 50° 05' 50.7"	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) 121° 21' 73.4"			UTM Northing

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G (F) P UR	
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	Yes (No)	
Delineator Missing Left	0 1 (2)	
Delineator Missing Right	0 1 (2)	
Fender Condition	E G F P (None) UR	
Posted Load Rating	(tonnes) or None	
Road Surface	E G F (P) UR	FILL WASHED OF BRIDGE

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Cribs	E G F (P) N/A UR	SINGLE Fd SAILS TOTALLY UNDERMINED
Tie-backs	E G F (P) N/A UR	
Bin Wall	E G F (P) N/A UR	
Concrete (cast in place; lock blocks, precast)	E G F (P) N/A UR	
Caps or Sills	E G F (P) N/A UR	Both sills undermined
Piles or Posts	E G F (P) N/A UR	
Ballast Wall	E G F (P) N/A UR	
Wing Wall	E G F (P) N/A UR	
Bracing	E G F (P) N/A UR	
Hardware	E G F (P) N/A UR	CRACKING LOOSE
Fill	E G F (P) N/A UR	Washed or eroded out
Riprap	E G F (P) N/A UR	MORE LEFT
Bearings	E G F (P) N/A UR	SAILS CRACKING & UNDERMINED
Corrosion Protection	E G F (P) N/A UR	

Span 1 of (spans are numbered consecutively starting from the left abutment)
Use "Additional Spans" Sheet for Multiple Spans**DECK**

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface (N/A if running surface is gravel or timber planks)	E G F (P) N/A UR	WASHED OUT
Running Planks	E G F (P) N/A UR	
Sub-deck	E G F (P) N/A UR	
Ties	E G F (P) N/A UR	
Nails	E G F (P) N/A UR	
Deck to Girder Bolts	E G F (P) N/A UR	
Concrete Deck	E G F (P) N/A UR	
Grout Pockets	E G F (P) N/A UR	
Deck Joints	E G F (P) N/A UR	
Steel Deck Plate	E G F (P) N/A UR	
Gravel Surface	E G F (P) N/A UR	Washed through on 1/4 side
Gravel Deck Depth	0-0.3 metres or N/A	
Curb Rail/Blocks/Posts	E G F (P) UR	ROTEN LOGS
Handrails/Walkouts	E G F (P) N/A UR	
Hardware	E G F (P) N/A UR	Looking loose
Overall Deck Condition	E G F (P) UR	

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(for log stringer or timber stringer bridges)**GENERAL INFORMATION***Site #: CL2210

*Structure #:

SUPERSTRUCTURE (stringers numbered from upstream side of bridge)

Item		Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Log Curbs		E G F <u>P</u> UR					
Needle Beams and Shims		E G F <u>P</u> N/A UR					
Stringer #	Wood Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1		Y N					Broken Stringer removed from creek
2		Y N					Replaced ON UPSTREAM
3		Y N		(2 cases extensive rot at 2nd from end)			- D.S STRINGER BROKEN AND WAS RECD
4		Y N					- (DOWNSTREAM)
5		Y N		ALSO FAILED			-
6		Y N					- 2 OTHERS FAILED IN SHEAR AT ENDS
7		Y N					
8		Y N					
9		Y N					Failed
10		Y N					broken & washed downstream

Stream CHANNEL*Est. Present Water Level Depth 0.2 (m) *Est. Present Water Level Width 9 (m) *Est. High Water Level Clearance 0 (m)**HAZARDS** (circle yes or no for each item)High Water? Yes No Scour? Yes No Ice? Yes No Debris? Yes No Aggradation? Yes No

Comments

REPAIRS:☐ Recommended☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	Priority (circle)	Estimate (\$)	Repair Description
1	<u>H</u> M L		REPLACE OR TAKE OUT ASAP
2	H M L		
3	H M L		

***Monitoring Status:**☐ Recommended☐ Not required

Monitor Item #	Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	left to right	5	Downstream
2	Deck	6	Downstream
3	Deck	7	From upstream
4	Right to left	8	Right abutment from 1/2 left

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?

Yes NoP Eng Inspection Required? Yes No

Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):

(P Eng to review and evaluate inspector's estimate, and to update "Estimated Traffic Replacement (year)" on structure data screen in CBR as necessary)

*Date of Inspection (yyyy/mm/dd)
2011/11/07*Inspection Company Name
CNSITE ENGINEERING LTD*Inspector's Name (print)
JEREMY ARAKI

Inspector's Signature

PROFESSIONAL
ENGINEER
J. C. P. ARAKI
#29756
PROVINCE OF
BRITISH COLUMBIA

Inspector's Comments

TAKE THIS OUT OR IT WILL FALL INTO THE CRK (7 TONNES) LATER**PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION**Current Load Rating GVW (tonnes): 0 tonnes

(P Eng to update structure data screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd)

2012/09/30Reviewer Company Name
MoFReviewed by - P Eng's Name (print)
T. Miller

Reviewed by - P Eng's Signature

Date Reviewed (yyyy/mm/dd)
Jan 24, 2012

P Eng Reviewer's Comments

Condemned. Block access and remove or replace.



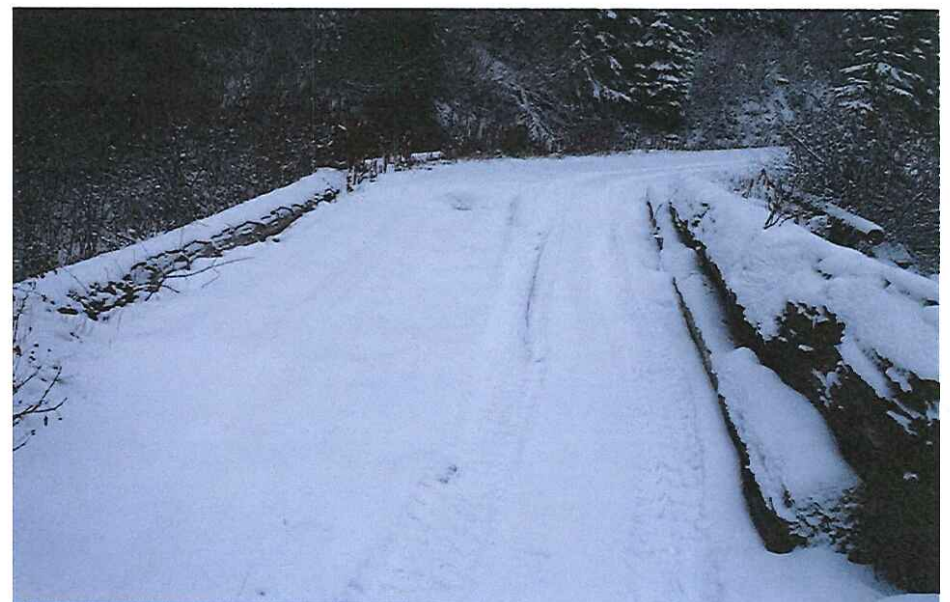
CK2210 Deck Scour



CK2210 Left to Right Approach



CK2210 Right to Left Approach



CK2210 Deck



CK2210 From Upstream



CK2210 Downstream



CK2210 Right Abutment



CK2210 Upstream



CK2210 Stringer crushing failure

CK2210 Right Abutment 2



CK2210 Left Abutment