

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

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

*Site #: <u>CK-2346</u>	*Crossing Name: <u>Unknown</u>	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>8391</u>
*Structure #:			*Br. <u>02</u>
*FSR Name: <u>Pitt - Boise</u>	*Forest District: <u>CK</u>	*Kilometres:	User km: <u>0.9</u>
Longitude: (ddd / mm / ss.s) <u>W 122° 38' 49.7"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 34' 44.2"</u>			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	<u>5</u> (tonnes) or None	
Road Surface	E (G) F P UR	

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)
Log/Timber Cribbs	E G (F) P N/A UR	
Tie-backs	E G (P) 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	
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 (P) P N/A UR	
Fill	E (G) F P N/A UR	
Riprap	E G F (P) N/A UR	
Bearings	E G (F) P N/A UR	
Corrosion Protection	E G F P (N/A) UR	

Span 1 of 1 (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	
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	
Gravel Deck Depth	<u>0.7</u> metres or N/A	
Curb Rail/Blocks/Posts	E G (F) P UR	
Handrails/Walkouts	E G F P (N/A) UR	
Hardware	E G F P (N/A) UR	
Overall Deck Condition	E (G) F P UR	

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*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	P	UR	Logical		
Needle Beams and Shims		E	G	F	P	N/A	UR		
Stringer #	Wood Species	Pealed? (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							
2		Y N							
3		Y N							
4		Y N							
5		Y N						See 2010 inspection	
6		Y N						no change	
7		Y N						Span = 6.1	
8		Y N						Gravel = 0.7m	
9		Y N							
10		Y N							

Stream CHANNEL*Est. Present Water Level Depth 0.9 (m)*Est. Present Water Level Width 7 (m)*Est. High Water Level Clearance 2.5 (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	H M <u>L</u>		Brush & post bridge ahead signs & delineator
2	<u>H</u> M L		REPLACE
3	H M L		

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

*Monitor Description

Monitor Item #

1

2

PHOTO LOG

Photo #	Description	Photo #	Description
2/1	Load Rating	2/2	Log
2/3	Left abut	2/4	Right abut
2/5		2/6	

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?

Yes ☐ No ☒P Eng Inspection Required? Yes ☐ No ☒Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): 2005

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

*Date of Inspection (yyyy/mm/dd) 2011/11/10*Inspection Company Name Onsite Engineering*Inspector's Name (print) Jeremy ArakiInspector's Signature
J. C. P. ARAKI
#29756
PROFESSIONAL
ENGINEER
BRITISH COLUMBIAInspector's Comments
WAS POSTED RECENTLY**PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION**Current Load Rating GWL (tonnes): 5 tonnes

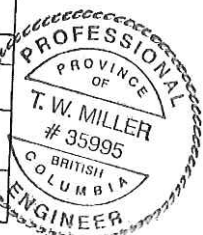
(P Eng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/30Reviewer Company Name MoFReviewed by - P Eng's Name (print) T. MillerReviewed by - P Eng's Signature [Signature]Date Reviewed (yyyy/mm/dd) 2012/02/08

P Eng Reviewer's Comments

Present load rating of 5 tonnes to continue.

Recommend bridge replacement.

* Denotes Mandatory Information for Corporate Bridge Register
FS1337A HEG Oct. 18, 2010



CK2346 Load Rating Sign



CK2346 Downstream



CK2346 Upstream



CK2346 Right to Left Approach



CK2346 Left Abutment



CK2346 Left to Right Approach



CK2346 Right Abutment



CK2346 From Upstream



CK2346 Stringers