

**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 2255</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>6091</u>		
*Structure #:			*Br. <u>01</u>		
*FSR Name: <u>SQUEAK</u>	*Forest District: <u>CK</u>	*Kilometres: <u>7.9</u>	User km: <u>8.6</u>		
Longitude: (ddd / mm / ss.s) <u>49° 27' 15.7"</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>121° 24' 38.6"</u>					
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 <u>(F)</u> P UR	<u>RIGHT CORNER</u>			
Bridge Ahead Signs Missing	0 1 <u>(2)</u>				
Brushing Required	Yes No				
Delineator Missing Left	<u>(0)</u> 1 2				
Delineator Missing Right	<u>(0)</u> 1 2				
Fender Condition	E G <u>(F)</u> P None UR	<u>LOGS</u>			
Posted Load Rating	(tonnes) or None				
Road Surface	E G <u>(F)</u> 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 Cribs	E G F P N/A UR	<u>2 LOGS HIGH w/ 3 TBS CWR Fd</u>			
Tie-backs	E G <u>(F)</u> P N/A UR	<u>3</u>			
Bin Wall	E G F P <u>(N/A)</u> UR				
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR				
Caps or Sills	E G F P <u>(N/A)</u> UR				
Piles or Posts	E G F P <u>(N/A)</u> UR				
Ballast Wall	E G F P <u>(N/A)</u> UR				
Wing Wall	E G F P <u>(N/A)</u> UR				
Bracing	E G F P <u>(N/A)</u> UR				
Hardware	E G F <u>(P)</u> N/A UR	<u>LASING LOGS</u>			
Fill	E G <u>(F)</u> P N/A UR				
Riprap	E G F <u>(P)</u> N/A UR	<u>SCOUR ON LEFT D.S.</u>			
Bearings	E G <u>(F)</u> P N/A UR				
Corrosion Protection	E G F P <u>(N/A)</u> 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 <u>(N/A)</u> UR				
Running Planks	E G F P <u>(N/A)</u> UR				
Sub-deck	E G F P <u>(N/A)</u> UR				
Ties	E G F P <u>(N/A)</u> UR				
Nails	E G F P <u>(N/A)</u> UR				
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR				
Concrete Deck	E G F P <u>(N/A)</u> UR				
Grout Pockets	E G F P <u>(N/A)</u> UR				
Deck Joints	E G F P <u>(N/A)</u> UR				
Steel Deck Plate	E G F P <u>(N/A)</u> UR				
Gravel Surface	E G <u>(F)</u> P <u>(N/A)</u> UR				
Gravel Deck Depth	<u>0.5</u> metres or N/A				
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR				
Handrails/ Walkouts	E G F P <u>(N/A)</u> UR				
Hardware	E G F P <u>(N/A)</u> UR				
Overall Deck Condition	E G <u>(F)</u> 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	
Needle Beams and Shims		E	G	F	P	N/A	UR
Stringer #	Wood Species	Peel? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1	Fd	Y N	86				
2		Y N	92				
3		Y N	99				
4		Y N	86				2, 3, 4 CORRODED
5		Y N	125				5 mm AS EXPOSED
6		Y N	85				CONC. EVERYWHERE!
7	V	Y N	85				
8		Y N					
9		Y N					
10		Y N					

Stream CHANNEL*Est. Present Water Level Depth 0.7 (m) *Est. Present Water Level Width 4 (m) *Est. High Water Level Clearance 2 (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
2	<u>H</u> M L		POST LOADING
3	H M L		

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	SCOUR, LEFT DS ABUT

PHOTO LOG

Photo #	Description	Photo #	Description
	LEFT TO RIGHT		FROM U.S.
	U.S.		RIGHT ABUT
	D.S.		LEFT ABUT
	RIGHT TO LEFT		CONC ON STRINGERS

INSPECTOR TO COMPLETE THIS SECTIONAs-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 "Full Log Haul Traffic Replacement (year)" on structure details screen as necessary)

*Date of Inspection (yyyy/mm/dd)

2011/11/17

*Inspection Company Name

OUTSIDE ENG LTD

*Inspector's Name (print)

JEREMY ARAKI

Inspector's Signature

J. ARAKI

29758

Inspector's Comments

BIG Fd ROTTEN BRIDGE - REPLACE**PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION**

Current Load Rating GVW (tonnes): 5 tonnes

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

Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/30

Reviewer Company Name

MoF

Reviewed by - P Eng's Name (print)

T. Miller

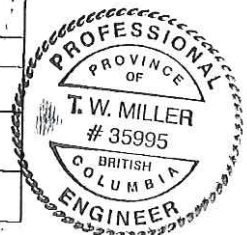
Reviewed by - P Eng's Signature

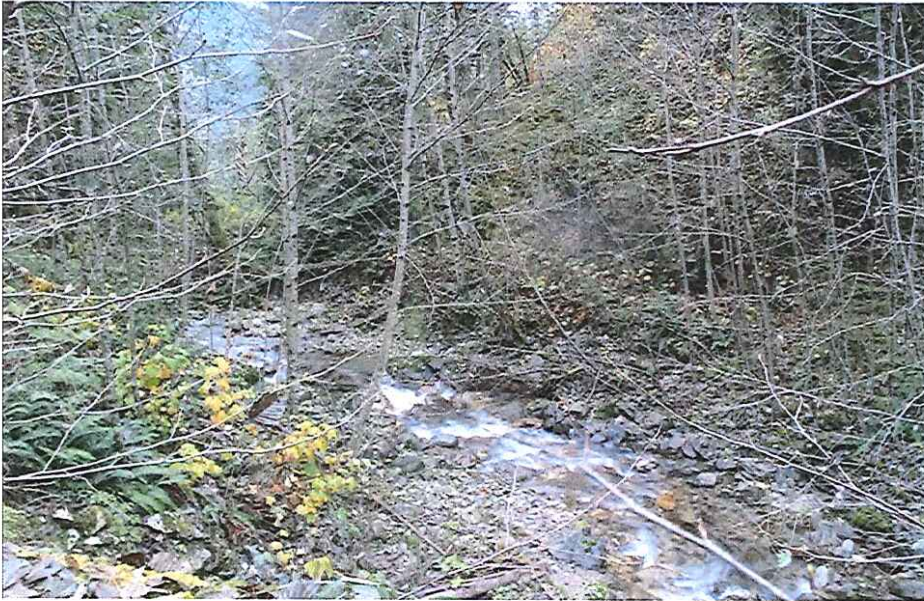
[Signature]

Date Reviewed (yyyy/mm/dd)

Jan 25, 2012

P Eng Reviewer's Comments

5 tonnes load rating. Post load rating and replace entire structure soon.



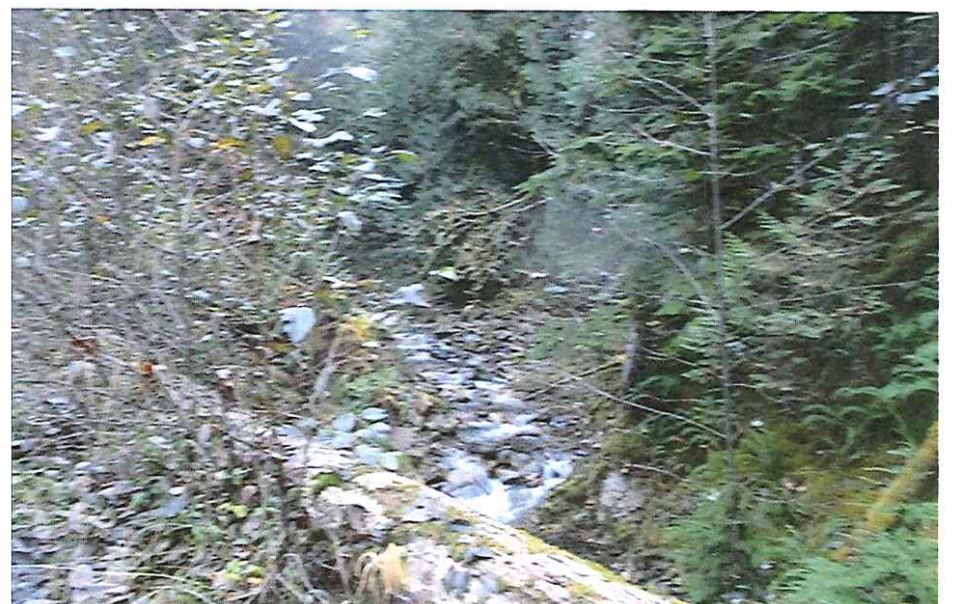
CK2255 Downstream



CK2255 Left to Right Approach



CK2255 Right to Left Approach



CK2255 Upstream



CK2255 Left Abutment



CK2255 From Upstream



CK2255 Conc on Stringers



CK2255 Right Abutment