

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

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)			
*Site #: <u>CK 2253</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>6092</u>				
*Structure #:			*Br. <u>01</u>				
*FSR Name: <u>SQUAINT</u>	*Forest District: <u>CK</u>	*Kilometres: <u>2.7</u>	User km: <u>312</u>				
Longitude: (ddd / mm / ss.s) <u>49° 24' 54.7"</u>	☒ OR ☐	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121° 25' 11.1"</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 F <u>P</u> UR	<u>BLIND HILL</u>				
Bridge Ahead Signs Missing	0	1 <u>2</u>					
Brushing Required	Yes	<u>No</u>					
Delinicator Missing Left	<u>0</u>	1 2					
Delinicator Missing Right	0	<u>1</u> 2					
Fender Condition	E	G F <u>P</u> None UR	<u>2 MISSING</u>				
Posted Load Rating	<u>4.5</u> (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 <u>P</u> N/A UR	<u>ROTTEN 3x LEFT 4x RIGHT WITH EXTRA SILL</u>				
Tie-backs	E	G F <u>P</u> N/A UR	<u>ROTTEN LOG ON TOP</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 <u>P</u> N/A UR	<u>BITING ON CRIEB, NOT TIED BACK, RIGHT ONE CRUS. END</u>				
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 P <u>N/A</u> UR					
Fill	E	G <u>F</u> P N/A UR					
Riprap	E	G F P <u>N/A</u> UR					
Bearings	E	G F <u>P</u> N/A UR	<u>CRUSHED SILL LOG</u>				
Corrosion Protection	E	G F P <u>N/A</u> 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 <u>P</u> N/A UR	<u>ROTTEN</u>				
Running Planks	E	G F <u>P</u> N/A UR	<u>ONLY ON D.S. SIDE</u>				
Sub-deck	E	G F <u>P</u> N/A UR	<u>ROTTEN</u>				
Ties	E	G F <u>P</u> N/A UR	<u>"</u>				
Nails	E	G F <u>P</u> N/A UR					
Deck to Girder Bolts	E	G <u>F</u> P N/A 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 F P <u>N/A</u> UR					
Gravel Deck Depth	metres or N/A						
Curb Rail/Blocks/Posts	E	G F <u>P</u> UR	<u>ROTTEN LOGS & RAILS</u>				
Handrails/Walkouts	E	G F P <u>N/A</u> UR					
Hardware	E	G F <u>P</u> N/A UR					
Overall Deck Condition	E	G F <u>P</u> UR					

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GENERAL INFORMATION			
*Site #: <u>CK 2253</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F <u>P</u> UR	RIVETED RAIL CAR	
Diaphragms	E G <u>F</u> P N/A UR	SAME DAMAGE	
Bracing	E G <u>F</u> P N/A UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E G <u>F</u> P N/A UR		
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.1</u> (m)		*Est. Present Water Level Width <u>3</u> (m)	*Est. High Water Level Clearance <u>2</u> (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
Comments			
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L		REPLACE PRIOR TO ACTIVITY
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
	LEFT TO RIGHT		CRUSHED RIGHT SIDE
	DECK		RIGHT ABUT
	UP STREAM		LEFT ABUT
	DOWN STREAM		FROM U.S.
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): (P Eng to review and evaluate inspector's estimate for full log haul traffic replacement (year) on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd) <u>2011/11/07</u>	*Inspection Company Name <u>ONSITE ENG LTD</u>	*Inspector's Name (print) <u>KEVIN ARAKI</u>	Inspector's Signature <u>J. C. P. ARAKI</u> # 29356 PROFESSIONAL ENGINEER OF BRITISH COLUMBIA
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) 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) <u>2012/09/30</u>	
Reviewer Company Name <u>MoF</u>	Reviewed by - P Eng's Name (print) <u>T. Miller</u>	Reviewed by - P Eng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>Jan 25, 2012</u>
P Eng Reviewer's Comments <u>Replace entire structure. Present load rating of 5 tonnes to continue.</u>			

* Denotes Mandatory Information for Corporate Bridge Register



CK2253 Deck



CK2253 Crushing Right Sill



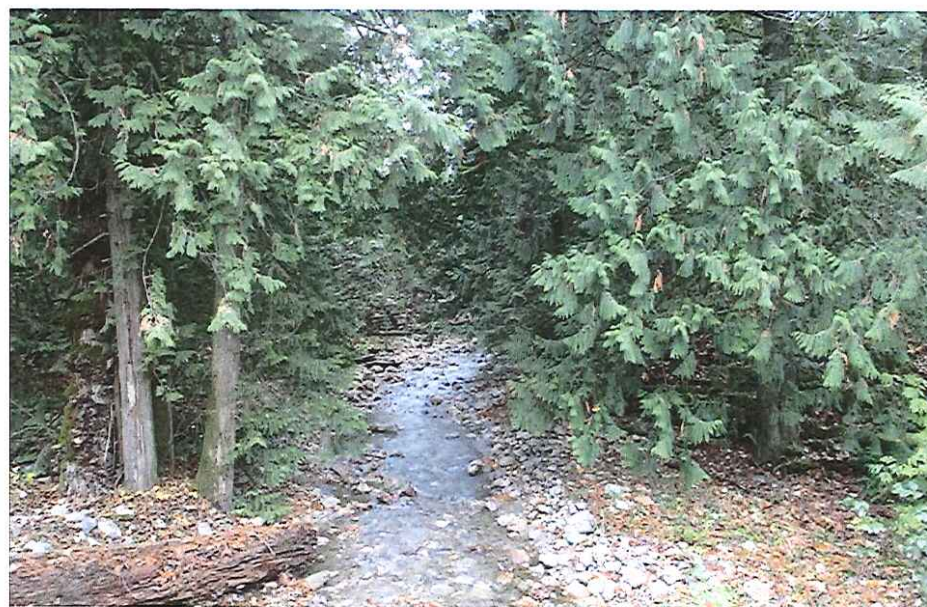
CK2253 Upstream



CK2253 Left to Right Approach



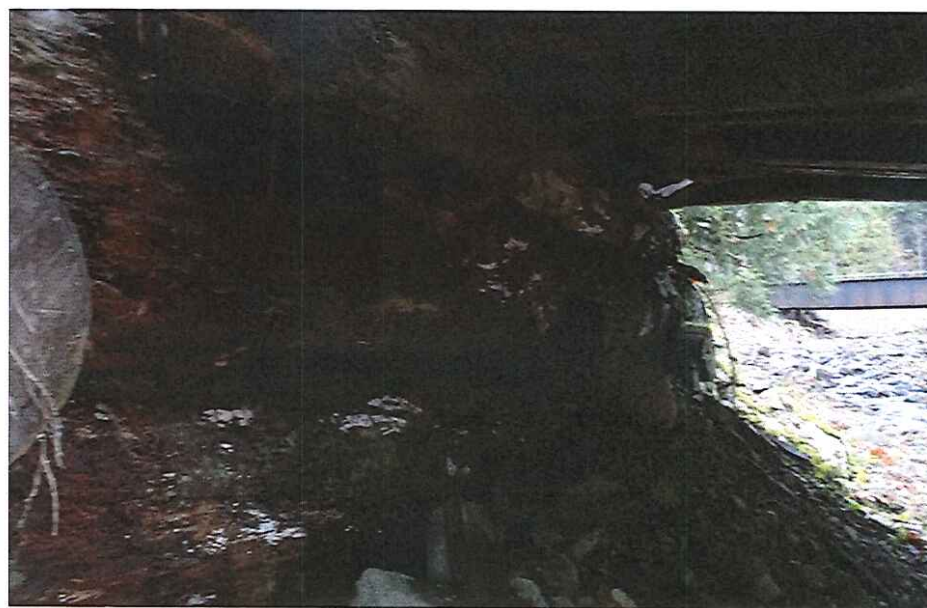
CK2253 Left Abutment



CK2253 Downstream



CK2253 From Upstream



CK2253 Right Abutment