

**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>CX 2018</u>	*Crossing Name: <u>Cantelon Crk</u>	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>2124</u>
*Structure #: _____			*Br. <u>01</u>
*FSR Name: <u>Cantelon</u>	*Forest District: <u>22</u>	*Kilometres: <u>0.4</u>	User km: <u>0.4</u>
Longitude: (ddd / mm / ss.s) <u>49 13 05.1</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>121 22 33.7</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	<u>Left</u>
Posted Load Rating	(tonnes) or None	
Road Surface	E (G) F P UR	<u>MINOR ROT IN LOGS</u>

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Crib	E G F P (N/A) UR	
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	<u>POST & PAD</u>
Piles or Posts	E (G) F P N/A UR	
Ballast Wall	E (G) F P N/A UR	<u>BUT REBAR EXPOSED ON LEFT TOP - FIX</u>
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	
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	<u>PATHEO</u>

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	
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	metres or N/A	
Curb Rail/Blocks/Posts	E G (F) P UR	<u>ROTTEN BUT INTACT</u>
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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GENERAL INFORMATION			
*Site #: CK2018		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR		
Diaphragms	E G F P (N/A) UR		
Bracing	E (G) F P N/A UR		
Under-trussing	E G F P (N/A) UR		
Hardware	E (G) F P N/A UR		
Welded / Grouted Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0.3 (m)		*Est. Present Water Level Width 12 (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	(H) M L		TOP OF LEFT BALLAST WALL
2	(H) M L		Replace guardrail, risers and sideblocks
3	(H) M L		Post signs and replace missing delineators
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	R-L	1	FRONT
2	DECK	2	R ABUT
3	US	3	L ABUT
4	DS	4	L BEARING
5		5	GIRDES
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): 7050 (PEng to review and evaluate Inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/12	CNSITE ENG LTD	J. C. R. ARAKI	
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 68 tonnes (PEng to update structure data's screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2014/10/31	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MOF	T. Miller		Jan 11, 2012
PEng Reviewer's Comments			
Replace guardrail, risers and sideblocks. Post bridge ahead signs			

* Denotes Mandatory information for Corporate Bridge Register

Replace missing delineators and patch left ballast wall. Present load rating of L75 or 68 tonnes to continue.



CK2018 Upstream



CK2018 Deck



CK2018 Downstream



CK2018 Right to Left Approach



CK2018 Right Abutment



CK2018 Left to Right Approach



CK2018 Left Abutment



CK2018 From Downstream



CK2018 Left ballast wall rebar exposed



CK2018 Left Abutment Bearing



CK2018 Girders