

**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-2110</u>	*Crossing Name: <u>Clear Crk</u>	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>5748</u>		
*Structure #: _____	*Forest District: <u>Chwilk</u>	*Kilometres: _____	*Br. <u>01</u>		
*FSR Name: <u>Harrison East</u>	*Forest District: <u>Chwilk</u>	*User km: <u>38.5</u>			
Longitude: (ddd / mm / ss.s) <u>121 50 12.6</u>	OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>49 38 21.5</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 <u>G</u> F P UR				
Bridge Ahead Signs Missing	0 1 2				
Brushing Required	Yes No	<u>minor</u>			
Delineator Missing Left	0 1 2				
Delineator Missing Right	0 1 2				
Fender Condition	E <u>G</u> F P None UR	<u>concrete no posts</u>			
Posted Load Rating	<u>127</u> (tonnes) or None				
Road Surface	E G <u>F</u> P UR				
LEFT/RIGHT ABUTMENTS (as seen facing downstream)					
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)			
Log/Timber Crib	E G F <u>P</u> N/A UR	<u>4 high - left d/s undermined</u>			
Tie-backs	E G F <u>P</u> N/A UR	<u>4 tie backs, significant rot deterioration</u>			
Bin Wall	E G F <u>P</u> N/A UR				
Concrete (cast in place, lock blocks, precast)	E G F <u>P</u> N/A UR				
Caps or Sills	E G F <u>P</u> N/A UR	<u>up to 100mm rot</u>			
Piles or Posts	E G F <u>P</u> N/A UR				
Balloon Wall	E G <u>F</u> P N/A UR	<u>log</u>			
Wing Wall	E G F <u>P</u> N/A UR	<u>right u/s significant rot deterioration</u>			
Bracing	E G F <u>P</u> N/A UR	<u>drift pinned</u>			
Hardware	E G <u>F</u> P N/A UR				
Fill	E G <u>F</u> P N/A UR				
Riprap	E G <u>F</u> P N/A UR				
Bearings	E G <u>F</u> P N/A UR				
Corrosion Protection	E G F <u>P</u> N/A UR				
Span 1 of <u>1</u> (spans are numbered consecutively starting from the left abutment) Use "Additional Spans" Sheet for Multiple Spans					
DECK					
Item	Present Condition (circle or fill-in)	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				
Running Planks	E G <u>F</u> P N/A UR	<u>replaced in 2008 BUT NOT staggered (4x10) full width</u>			
Sub-deck	E G <u>F</u> P N/A UR	<u>creosoted</u>			
Ties	E G <u>F</u> P N/A UR	<u>creosoted</u>			
Nails	E G <u>F</u> P N/A UR				
Deck to Girder Bolts	E G <u>F</u> P N/A UR				
Concrete Deck	E G F <u>P</u> N/A UR				
Grout Pockets	E G F <u>P</u> N/A UR				
Deck Joints	E G F <u>P</u> N/A UR				
Steel Deck Plate	E G F <u>P</u> N/A UR				
Gravel Surface	E G F <u>P</u> N/A UR				
Gravel Deck Depth	metres or N/A				
Curb Rail/Blocks/Posts	E G <u>F</u> P UR	<u>undersized @ 200 x 200 - some bolts loose/missing</u>			
Handrails/Walkouts	E G F <u>P</u> N/A UR				
Hardware	E G <u>F</u> P N/A UR				
Overall Deck Condition	E G <u>F</u> P UR				

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*Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G <u>F</u> P UR	surface rust
Diaphragms	E G <u>F</u> P N/A UR	5-bolted, surface rust
Bracing	E G <u>F</u> P N/A UR	surface rust
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 0.8 (m) *Est. Present Water Level Width 4.0 (m) *Est. High Water Level Clearance 3.0 (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		both abutments nearing end of industrial life, replace
2	<u>H</u> M L		add guardrail bolts, 2 per rib
3	H M L		

*Monitoring Status: ☒ Recommended☐ Not required

Monitor Item #	*Monitor Description
1	abutment condition / scour
2	

PHOTO LOG

Photo #	Description	Photo #	Description

INSPECTOR TO COMPLETE THIS SECTIONAs-built Drawings Checked? Yes NoP Eng Inspection Required? Yes NoInspector'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 in CBR)*Date of Inspection
(yyyy/mm/dd)2011/08/11*Inspection Company
NameMOF

*Inspector's Name (print)

T. Miller

Inspector's Signature

Inspector's Comments

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):

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

66 tonnes

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

2012

Reviewer Company Name

Reviewed by - P Eng's
Name (print)Reviewed by - P Eng's
Signature

Date Reviewed (yyyy/mm/dd)

P Eng Reviewer's Comments

Both cribs are nearing the end of their industrial life. Significant rot in trebacks noted. Consider replacement soon. Update load rating sign ASAP.

Camp approach



Woods approach



Running planks were not staggered when replaced in 2008.



Camp abutment



Woods abutment



Looking upstream to structure



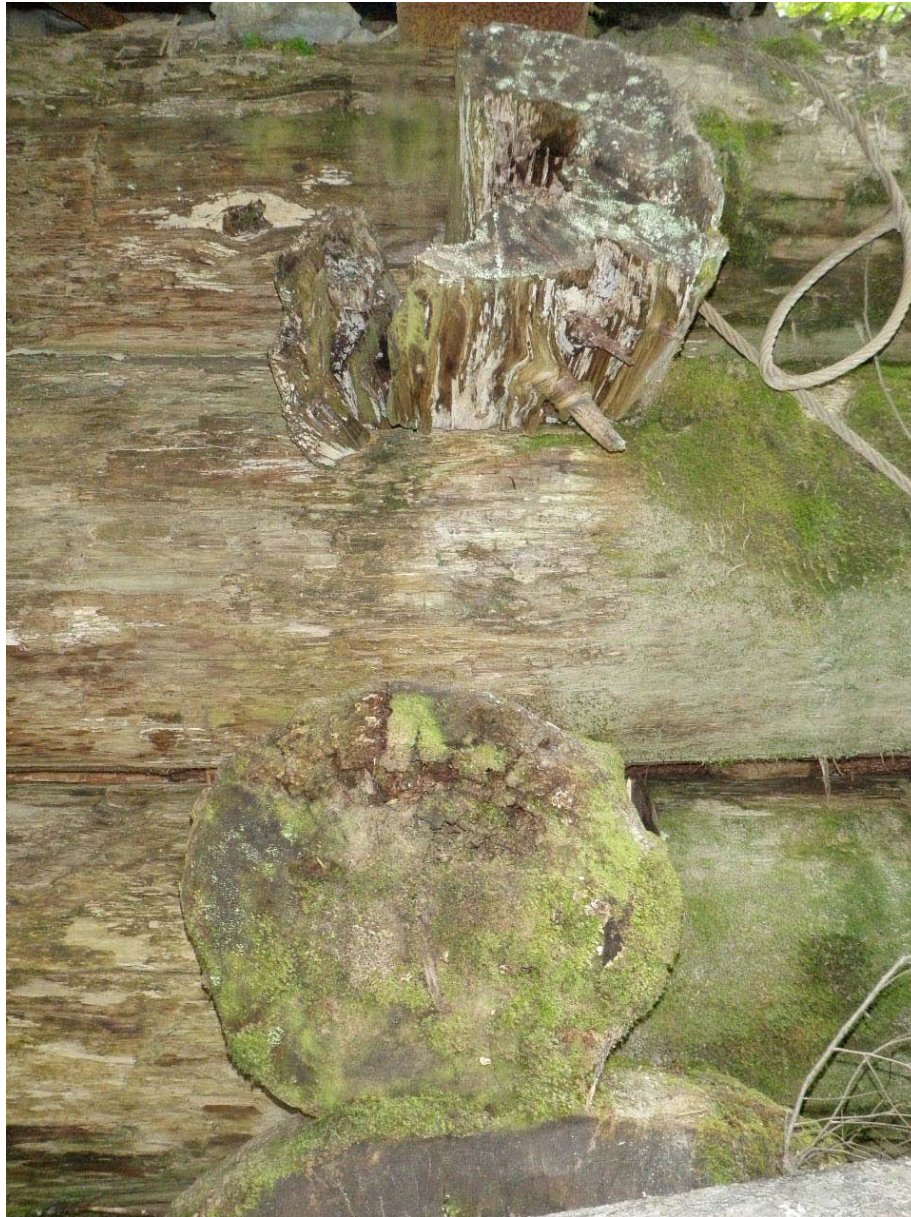
Camp downstream crib is undermined due to large **flare** in Cw log



Camp downstream crib undermined.



Rotten tiebacks



Curb and riser with missing bolts. Nut was seen on top end but bolt does not extend through tie



Looking downstream to structure



Riser and curb with only 1 bolt

