

**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>X-CK2463</u>	*Crossing Name: <u>Hungar Crk</u>	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>5748</u>
*Structure #: _____			*Br. <u>01</u>
*FSR Name: <u>Harrison Lake East</u>	*Forest District: <u>CK</u>	*Kilometres: _____	User km: <u>64.4</u>
Longitude: (ddd / mm / ss.s) <u>W 121° 53' 25.6"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 50' 6.1"</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 <u>(G)</u> F P UR	
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	<u>(Yes)</u> No	
Delineator Missing Left	0 1 <u>(2)</u>	
Delineator Missing Right	0 1 <u>(2)</u>	
Fender Condition	E G F P <u>(None)</u> UR	
Posted Load Rating	____ (tonnes) or <u>(None)</u>	
Road Surface	E <u>(G)</u> 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 Cribs	E G <u>(F)</u> P N/A UR	2x cribs 60-90cm ϕ saw cut OPEN FIRE / ON
Tie-backs	E G <u>(F)</u> P N/A UR	3-4cm ϕ LOT CRUSHED / BOD CK
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 <u>(F)</u> P N/A UR	LASHING LOOSE
Fill	E <u>(G)</u> F P N/A UR	
Riprap	E G <u>(F)</u> P N/A UR	RIGHT IS UNDERMINED
Bearings	E <u>(G)</u> F P N/A UR	NO CRUSHING
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

9.4 c-c, 5.0m running width, 7.3m 9/4 width

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 <u>(G)</u> F P N/A UR	
Gravel Deck Depth	<u>0.3-0.4</u> metres or N/A	GOOD ROCK FILL
Curb Rail/Blocks/Posts	E <u>(G)</u> F P UR	Logs
Handrails/Walkouts	E G F P <u>(N/A)</u> UR	
Hardware	E <u>(G)</u> F P N/A UR	Loose are lashed
Overall Deck Condition	E <u>(G)</u> F P UR	

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION***Site #: **XX CL-2463**

*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 <u>G</u> F P UR		See previous page			
Needle Beams and Shims		E G F P <u>N/A</u> UR					
Stringer #	Wood Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1	CW	Y <u>N</u>	57	10			GOOD QUALITY, SAILING
2		Y <u>N</u>	70	10			LASHING GOOD BUT L.S. WID
3		Y <u>N</u>	65	30			IS LOOSE
4		Y <u>N</u>	62	10			ALTERED - ALL GOOD CW
5		Y <u>N</u>	59	10			
6		Y <u>N</u>	81	10			
7		Y <u>N</u>	71	10			
8		Y <u>N</u>	68	10			
9	✓	Y <u>N</u>	71	10			
10		Y N					

Stream CHANNEL*Est. Present Water Level Depth 1.0 (m)*Est. Present Water Level Width 5.0 (m)*Est. High Water Level Clearance 1 (m)**HAZARDS (circle yes or no for each item)**

High Water? Yes (N) Scour? (Yes) No Ice? (Yes) No Debris? Yes (N) Aggradation? Yes (N)

Comments

REPAIRS:☐ Recommended☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H M L		
2	H M L		
3	H M L		

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

Monitor Item #	*Monitor Description
1	SCOUR
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	ALG	5	Right side
2	ALG	6	Left side
3	L-2-P	7	From U/L
4	BSL	8	Right side view

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?

Yes (N)

P Eng Inspection Required? Yes (N)

Inspector's Estimate of Full Log Haul Traffic Capacity (tonnes):

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

*Date of Inspection (yyyy/mm/dd)

2011/11/08

*Inspection Company Name

ONSITE ENG LTD

*Inspector's Name (print)

J. W. Miller

Inspector's Signature

Inspector's Comments

STRINGERS A BIT SMALL, ALL GOOD BUT TOO THIN - CONSIDER CROSS FINCH TO INCREASE LOAD LIMIT FEELS UNDERSIZED BUT LOOKS OK

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 27 tonnes

Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/30

Reviewer Company Name

MoF

Reviewed by - P Eng's Name (print) T. Miller

Reviewed by - P Eng's Signature

Date Reviewed (yyyy/mm/dd) 2012/02/14

P Eng Reviewer's Comments

Post bridge ahead and load rating signs.

Replace delineators and monitor crib scour on town end.

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

Load rating of L30 or 27 tonnes.





CK2463 Upstream



CK 2463 Right Abutment



CK2463 Left to Right Approach



CK2463 Downstream



CK2463 From Upstream



CK2463 Right to Left Approach



CK2463 Right Abutment Scour



CK2463 Left Abutment