

**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 #:	*Crossing Name:	*Type/Class:	☒ Temporary bridge ☐ Permanent bridge		*Project File ID#	8019	
*Structure #: CK 2207	Marhaka				*Br.	02	
*FSR Name:	*Forest District:	*Kilometres:			User km:	~15 km	
Longitude: (ddd / mm / ss.s)	121 26 35	☒ OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)	50 03 01						
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	tight VC on town end					
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	small logs					
Posted Load Rating	5 (tonnes) or None	can be posted at 54 tonnes					
Road Surface	E G (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 F (P) N/A UR	2X crib - both ends subject to					
Tie-backs	E G F (P) N/A UR	3x - old					
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						
Piles or Posts	E G F P (N/A) UR						
Ballast Wall	E G (F) P N/A UR	logs					
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	recent riprap added undersized & round.					
Bearings	E G (F) P N/A UR	needs to be monitored, especially during/					
Corrosion Protection	E G F P N/A UR	following rain events.					
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 P (N/A) UR						
Running Planks	E G (F) P N/A UR	100 mm x 250 mm - 1.3m wide x 2					
Sub-deck	E G (F) P N/A UR	100 mm x 250 mm - untreated					
Ties	E G (F) P N/A UR	200 mm x 200 mm - untreated					
Nails	E G (F) P N/A UR						
Deck to Girder Bolts	E G F (P) N/A UR	deck not fastened fastened to girders					
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	200 mm x 200 mm					
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 #:		*Structure #: <u>CK 2207</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P UR	<u>surface rust</u>	
Diaphragms	E G <u>(F)</u> P N/A UR	<u>3- surface rust</u>	
Bracing	E G <u>(F)</u> P N/A UR	<u>surface rust</u>	
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>0.4</u> (m)		*Est. Present Water Level Width <u>5.0</u> (m)	*Est. High Water Level Clearance <u>1.0</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
<u>1</u>	<u>(H)</u> M L		<u>fasten ties to girders (the ties that the</u>
2	H M L		<u>curbs are fasten to)</u>
<u>3</u>	<u>(H)</u> M L		<u>more woods - outlet fence over to force traffic</u>
*Monitoring Status: ☒ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
<u>1</u>	<u>monitor cribs - crib scar, especially during/following</u>		
2	<u>rain events.</u>		
PHOTO LOG			
Photo #	Description	Photo #	Description
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): (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
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GWW (tonnes): <u>54 tonnes</u> (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) <u>2012/06/30</u>	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
<u>FLNRO</u>	<u>T. Miller</u>	<u>[Signature]</u>	<u>2011/09/15</u>
PEng Reviewer's Comments			
<u>Based on the condition of both abutments (old cribs):</u>			

* Denotes Mandatory Information for Corporate Bridge Register

that the steel/timber structure bears on them combined w 200mm x 200mm ties the load rating is 54 tonnes (L60). Monitor cribs - crib scar, especially during / following rain events. Reinspect in spring 2012.

