

**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-2254</u>	*Crossing Name: <u>Unknown</u>	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>6092</u>				
*Structure #:			*Br. <u>01</u>				
*FSR Name: <u>Squash</u>	*Forest District: <u>BCR</u>	*Kilometres: <u>6.1 km</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>121 24 20.2</u>	☒ OR ☐	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>49 26 26.0 ±7m</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 <u>F</u> P UR					
Bridge Ahead Signs Missing	0	1 <u>2</u>					
Brushing Required	Yes	No					
Delineator Missing Left	0	1 <u>2</u>	but shot up				
Delineator Missing Right	0	1 <u>2</u>	but shot up				
Fender Condition	E	G <u>F</u> P None UR	lock blocks				
Posted Load Rating	(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 Crib	E	G <u>F</u> P N/A UR	rotten 3x				
Tie-backs	E	G <u>F</u> P N/A UR	rotten 4x				
Bin Wall	E	G <u>F</u> P N/A UR					
Concrete (cast in place; lock blocks, precast)	E	G <u>F</u> P N/A UR					
Caps or Sills	E	G <u>F</u> P N/A UR	logs - not peeled ±2m behind old crib				
Piles or Posts	E	G <u>F</u> P N/A UR					
Ballast Wall	E	G <u>F</u> P N/A UR					
Wing Wall	E	G <u>F</u> P N/A UR					
Bracing	E	G <u>F</u> P N/A UR					
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	failing				
Bearings	E	G <u>F</u> P N/A UR	old logs ±2m behind crib				
Corrosion Protection	E	G <u>F</u> P 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)		Comments (a comment is mandatory if condition "Poor" is selected)				
Running Surface (N/A if running surface is gravel or timber planks)	E	G <u>F</u> P N/A UR					
Running Planks	E	G <u>F</u> P N/A UR	rotten : hobs starting				
Sub-deck	E	G <u>F</u> P N/A UR					
Ties	E	G <u>F</u> P N/A UR	rotten : undersized (6"x8")				
Nails	E	G <u>F</u> P N/A UR	protruding				
Deck to Girder Bolts	E	G <u>F</u> P N/A UR	none				
Concrete Deck	E	G <u>F</u> P N/A UR					
Grout Pockets	E	G <u>F</u> P N/A UR					
Deck Joints	E	G <u>F</u> P N/A UR					
Steel Deck Plate	E	G <u>F</u> P N/A UR					
Gravel Surface	E	G <u>F</u> P N/A UR					
Gravel Deck Depth	metres or N/A						
Curb Rail/Blocks/Posts	E	G <u>F</u> P UR	rotten				
Handrails/Walkouts	E	G <u>F</u> P N/A UR					
Hardware	E	G <u>F</u> P N/A UR					
Overall Deck Condition	E	G <u>F</u> P UR	replace				

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SUPERSTRUCTURE			
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E	G F <u>P</u> UR	riveted railcars can't see due to stringer bridge underneath
Diaphragms	E	G F P N/A <u>UR</u>	
Bracing	E	G F P N/A <u>UR</u>	
Under-trussing	E	G F P N/A <u>UR</u>	
Hardware	E	G F P N/A <u>UR</u>	
Welded / Grouted Shear Connectors	E	G F P N/A <u>UR</u>	
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.2</u> (m)		*Est. Present Water Level Width <u>3.0</u> (m)	*Est. High Water Level Clearance <u>±1.5</u> (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>(X)</u> No	Scour?	Yes <u>(X)</u> No
Ice?	Yes <u>(X)</u> No	Debris?	Yes <u>(X)</u> No
Aggradation?	Yes <u>(X)</u> 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		Post brush Replace
2	<u>H</u> M L		
3	<u>H</u> M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>(X)</u> No		P Eng Inspection Required? Yes <u>(X)</u> No	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): <u>2008</u> (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) <u>2012/10/03</u>	*Inspection Company Name <u>MoF</u>	*Inspector's Name (print) <u>T. W. MILLER</u>	Inspector's Signature <u>[Signature]</u>
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GWV (tonnes): <u>2 tonnes</u> (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) <u>2013/09/30</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>2013/01/09</u>
P Eng Reviewer's Comments <u>Replace entire structure soon. 2 tonnes load rating.</u>			

* Denotes Mandatory Information for Corporate Bridge Register

Please post.





