

**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-2168</u>	*Crossing Name: <u>Twin Lakes</u>	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>8466</u>			
*Structure #:			*Br. <u>01</u>			
*FSR Name: <u>Lost Crk</u>	*Forest District: <u>DEX</u>	*Kilometres: <u>8.6 km</u>	User km: <u>8.0 km</u>			
Longitude: (ddd / mm / ss.s) <u>122 14 26.2</u>		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>49 20 29.2</u>		<u>±4m</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	<u>0</u> 1 2					
Brushing Required	<u>Yes</u> No					
Delineator Missing Left	<u>0</u> 1 2					
Delineator Missing Right	<u>0</u> 1 2					
Fender Condition	E <u>G</u> F P None UR					
Posted Load Rating	____ (tonnes) or None					
Road Surface	E G F <u>P</u> UR		<u>reg's grading</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 <u>N/A</u> UR					
Tie-backs	E G F P <u>N/A</u> UR					
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 <u>G</u> F P N/A UR					
Ballast Wall	E G F <u>P</u> N/A UR		<u>damaged on right approach, rebar exposed</u>			
Wing Wall	E <u>G</u> F P N/A UR		<u>lock blocks on left</u>			
Bracing	E <u>G</u> F P N/A UR					
Hardware	E G F P <u>N/A</u> UR					
Fill	E <u>G</u> F P N/A UR					
Riprap	E <u>G</u> F P N/A UR					
Bearings	E <u>G</u> F P N/A UR					
Corrosion Protection	E <u>G</u> F 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 <u>G</u> F P N/A 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 <u>G</u> F P N/A UR		<u>damaged panel (underneath)</u>			
Grout Pockets	E <u>G</u> F P N/A UR					
Deck Joints	E <u>G</u> F P N/A UR					
Steel Deck Plate	E G F P <u>N/A</u> UR					
Gravel Surface	E G F P <u>N/A</u> UR					
Gravel Deck Depth	____ metres or <u>N/A</u>					
Curb Rail/Blocks/Posts	E G F <u>P</u> UR		<u>rotten risers & blocks</u>			
Handrails/ Walkouts	E G F P <u>N/A</u> UR					
Hardware	E G F <u>P</u> N/A UR		<u>loose</u>			
Overall Deck Condition	E G F <u>P</u> UR		<u>due to loose rails</u>			

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*Site #: <u>CK-2168</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P UR	<u>Steel I-beams</u>	
Diaphragms	E <u>G</u> F P N/A UR	<u>bolted</u>	
Bracing	E <u>G</u> F P N/A UR	<u>bolted</u>	
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E G F P <u>N/A</u> UR		
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.2</u> (m)		*Est. Present Water Level Width <u>10.0</u> (m)	*Est. High Water Level Clearance <u>±3.0</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
1	<u>H</u> M L		<u>replace guardrail, risers & side blocks</u> <u>repair right ballast wall</u> <u>grade approaches & brush</u>
2	<u>H</u> M L		
3	<u>H</u> M L		
*Monitoring Status: ☒ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	<u>damaged panel</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): <u>2044</u> (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) <u>2013/05/08</u>	*Inspection Company Name <u>MoF</u>	*Inspector's Name (print) <u>T. Miller</u>	Inspector's Signature <u>[Signature]</u>
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>68 tonnes</u> (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) <u>2016/09/30</u>	
Reviewer Company Name <u>MoF</u>	Reviewed by - PEng's Name (print) <u>T. Miller</u>	Reviewed by - PEng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2013/06/04</u>
PEng Reviewer's Comments <u>Replace guardrail, risers & side blocks. Repair right ballast wall</u>			

* Denotes Mandatory Information for Corporate Bridge Register

by cleaning affected area, form around & grout. Grade approaches & brush. Present load rating of L75 or 68 tonnes to continue.





