



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-2207</u>		*Crossing Name: <u>Mohakum</u>		*Type/Class: ☒ Temporary bridge ☐ Permanent bridge		*Project File ID# <u>8019</u>	
*Structure #: _____						*Br. <u>02</u>	
*FSR Name: <u>Mohakum</u>		*Forest District: _____		*Kilometres: <u>9.6 km</u>		User km: _____	
Longitude: (ddd / mm / ss.s) <u>121 26 39.0</u>		OR		UTM Zone		UTM Easting	
Latitude: (ddd / mm / ss.s) <u>50 03 02.6</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	G	F	P	UR	tight VC on left approach limits viz.	
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	(tonnes) or None						
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 & subject to scow
Tie-backs	E	G	F	P	N/A	UR	3x & old & rotten
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	riprap added last year held up, left
Bearings	E	G	F	P	N/A	UR	abutment has none
Corrosion Protection	E	G	F	P	N/A	UR	
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	
Sub-deck	E	G	F	P	N/A	UR	rot detected @ right abutment end
Ties	E	G	F	P	N/A	UR	
Nails	E	G	F	P	N/A	UR	
Deck to Girder Bolts	E	G	F	P	N/A	UR	none
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 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	sub deck showing signs of rot	

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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	2 steel I-beams - surface rust
Diaphragms	E G <u>F</u> P N/A UR	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 0.4 (m) *Est. Present Water Level Width 7.0 (m) *Est. High Water Level Clearance 1.0 (m)**HAZARDS** (circle yes or no for each item)High Water? Yes No Scour? Yes No Ice? Yes No Debris? Yes No Aggradation? Yes NoComments only to wooden structure underneath steel**REPAIRS:** ☒ Recommended ☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H <u>M</u> L		
2	<u>H</u> M L		replace missing delineator post load rating
3	H M L		

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

Monitor Item #	*Monitor Description
1	crib scour
2	log stringers for failure

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>2012</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>2012/10/12</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): (PEng to update structure details screen in CBR as necessary) <u>44 tonnes</u>	Date of Next Planned Inspection (yyyy/mm/dd) <u>2013/04/30</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>2012/11/26</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 bears directly on them, combined w 200mm x 200mm ties & not detected in the subdeck the load rating is L45 or 41 tonnes. Suggest a complete replacement prior to industrial activity in 2013.





