

**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 2153</u>	*Crossing Name: <u>Boulder Crk</u>	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>8149</u>
*Structure #: _____	*Forest District: <u>Chuk</u>	*Kilometres: <u>8.7 km</u>	*Br. <u>01</u>
*FSR Name: <u>Jones Lake</u>	*User km: _____		
Longitude: (ddd / mm / ss.s) <u>W 121° 36' 04.4"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 14' 54.6"</u>	<u>17m</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	<u>S turn</u>
Bridge Ahead Signs Missing	0 (1) 2	<u>town approach</u>
Brushing Required	Yes (No)	
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E (G) F P None UR	<u>concrete no post</u>
Posted Load Rating	<u>68</u> (tonnes) or None	
Road Surface	E G (F) P UR	<u>minor erosion, town u/s</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 (N/A) UR	
Tie-backs	E G F P (N/A) UR	
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	<u>posts - minor rust, painted</u>
Ballast Wall	E G (F) P N/A UR	<u>damage on woods end - potholes</u>
Wing Wall	E G F P (N/A) UR	
Bracing	E G (F) P N/A UR	<u>painted - minor rust</u>
Hardware	E (G) F P N/A UR	
Fill	E G (F) P N/A UR	
Riprap	E (G) F P N/A UR	
Bearings	E G (F) P N/A UR	<u>rubber pads starting to bulge</u>
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	
Ties	E G F P (N/A) UR	
Nails	E G F P (N/A) UR	
Deck to Girder Bolts	E UR F P N/A UR	
Concrete Deck	E (G) F P N/A UR	<u>11 panels</u>
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	<u>new, treated rxrs/blocks</u>
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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*Site #: <u>ck 2153</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>2 I-beams w splice - minor rust</u>	
Diaphragms	E <u>G</u> F P N/A UR		
Bracing	E <u>G</u> F P N/A UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E <u>G</u> F 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>0.2</u> (m)		*Est. Present Water Level Width <u>10.0</u> (m)	*Est. High Water Level Clearance <u>4.0</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	H <u>M</u> L		<u>grade approaches</u>
2	H M L		
3	H M L		
*Monitoring Status: ☒ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	<u>woods ballast wall (top)</u>		
2	<u>bearing pads</u>		
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>2035</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>2012/04/18</u>	*Inspection Company Name <u>HOF</u>	*Inspector's Name (print) <u>T. Miller</u>	Inspector's Signature
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>2015/09/30</u>	
Reviewer Company Name <u>HOF</u>	Reviewed by - PEng's Name (print) <u>T. Miller</u>	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) <u>2012/05/01</u>
PEng Reviewer's Comments <u>Post bridge ahead sign. Monitor ballast wall, bearing pads. Grade approaches when snow melts. Present load rating of 47.5 68 tonnes to continue</u>			

* Denotes Mandatory Information for Corporate Bridge Register

68
bearing pads. Grade approaches when snow melts. Present load rating of ~~47.5~~ 68 tonnes to continue

Right approach



Left Approach



Left abutment



Bearing pads



Right abutment riprap



Left abutment riprap



Left ballast wall damage



From U/S



From D/S

