BC Ministry of Forests and Range

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 #: CK-2053	*Crossing Name: Tamihi	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID# 5127
*Structure #:			*Br. 02
*FSR Name: Liumchen	*Forest District: DCK	*Kilometres: 0.2km	User km:

Longitude: (ddd / mm / ss.s) 121 50 24.6	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 49 04 15.3				

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	
Bridge Ahead Signs Missing	0 (1) 2	
Brushing Required	(Yes) No	minor
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E (G) F P None UR	CNPs
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	
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	CIP both ends
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	treated timber –
Wing Wall	E (G) F P N/A UR	concrete town end
Bracing	E G F P (N/A) UR	
Hardware	E G F P (N/A) UR	
Fill	E G (F) P N/A UR	eroding behind wood ballast wall
Riprap	E (G) F P N/A UR	
Bearings	E G (F) P N/A UR	
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 (G) F P N/A UR	
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	W beam w steel risers
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 #: CL 2053	*Structure #:

SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G (F) P UR	2 steel I-beams / delaminating
Diaphragms	E G (F) P N/A UR	bolted
Bracing	E G (F) P N/A UR	bolted
Under-trussing	E G F P (N/A) UR	
Hardware	E G (F) P N/A UR	
Welded / Grouted Shear Connectors	E G F P (N/A) UR	

Stream CHANNEL

*Est. Present Water Level Depth 1.5 (m)	*Est. Present Water Level Width 13.0 (m)	*Est. High Water Level Clearance ±2.0 (m)

HAZARDS (circle yes or no for each item))

High Water? Yes (No)	Scour? Yes (No)	Ice? Yes (No)	Debris? Yes (No)	Aggradation? Yes (No)

Comments ± 1 mm delamination

REPAIRS: ☑ Recommended ☐ Not required (H = High, M= Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate ($)	*Repair Description
1	H (M) L		replace missing bridge ahead signs
2	H M L		
3	H M L		

*Monitoring Status: ☑ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	delaminating steel
2	fill @ woods approach.

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): 2025 (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) 2013/05/10	*Inspection Company Name MoF	*Inspector's Name (print) T. Miller	Inspector's Signature

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 63 tonnes (PEng to update structure details screen in CBR as necessary)	Date of Next Planned Inspection (yyyy/mm/dd) 2016/07/30

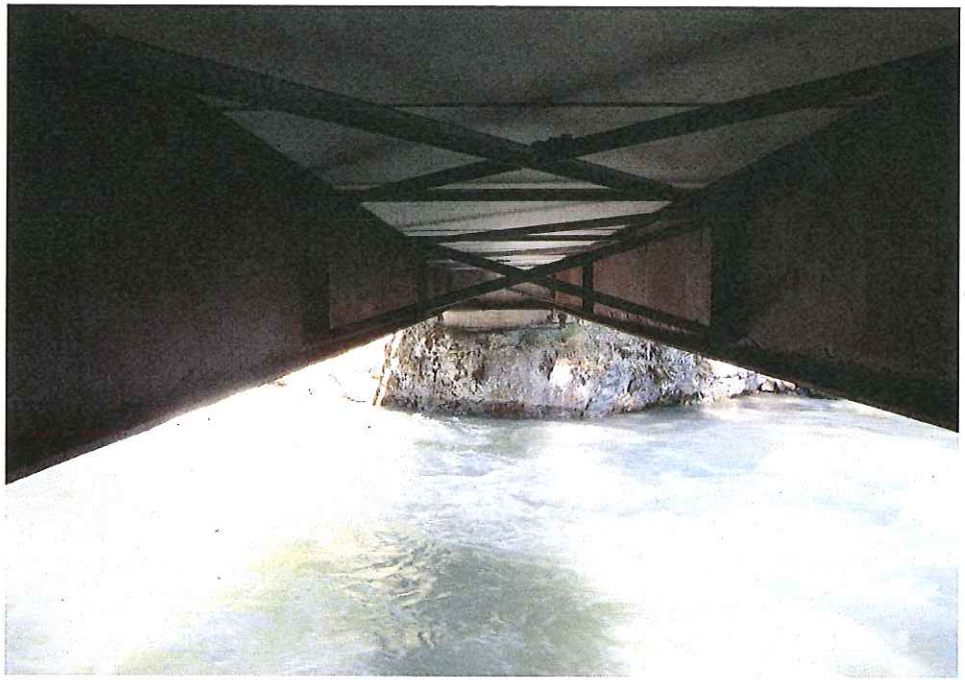
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		June 27/2013

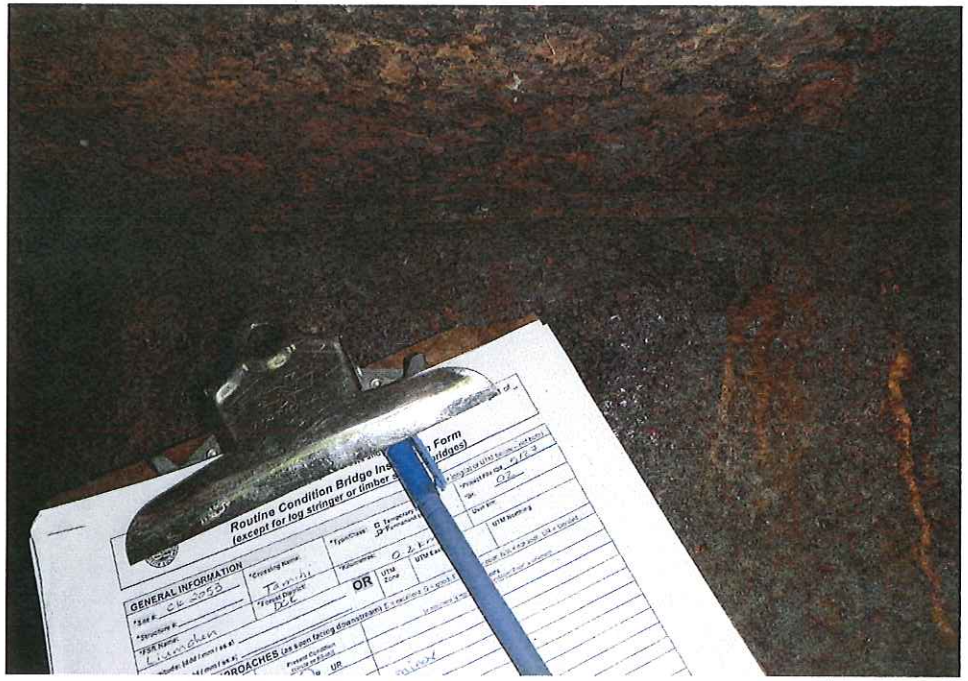
PEng Reviewer's Comments

Replace missing bridge ahead sign + monitor delaminating steel & fill @ woods (left) approach.
CL 625 or 63 tonnes load rating.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER — #35085

* Denotes Mandatory Information for Corporate Bridge Register

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OR