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-2446 *Structure #:	*Crossing Name: Tom	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID# 10326 *Br. 01
*FSR Name: Norrish	*Forest District: DCK	*Kilometres: 16.6 km	User km:

Longitude: (ddd / mm / ss.s) 122 05 20.8 Latitude: (ddd / mm / ss.s) 49 17 41.6 ±5m	OR	UTM Zone	UTM Easting	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	HC on both approaches
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	CNPs
Posted Load Rating	149 (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	left bank pads visual
Caps or Sills	E (G) F P N/A UR	concrete cap
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	no bracing on left side, short pipes
Hardware	E G F P (N/A) UR	
Fill	E G (F) P N/A UR	grouted under left precasts - monitor
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	not painted

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	sediment on deck
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	minor track damage
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	minor damage BUT functional
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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SUPERSTRUCTURE

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E (G) F P UR	7 Slabs
Diaphragms	E G F P (N/A) UR	
Bracing	E G F P (N/A) UR	
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 0.3 (m)	*Est. Present Water Level Width 4.0 (m)	*Est. High Water Level Clearance ±1.5 (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

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

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

*Monitoring Status: ☑ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	fill under left pads
2	

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): 2031 (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) 2013/05/22	*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): 150 tonnes (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2014/09/30	
Reviewer Company Name: MoF	Reviewed by - PEng's Name (print): T. Miller	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd): 2013/06/13

PEng Reviewer's Comments: Monitor fill under left abutment. Present load rating of L165 or 150 tonnes to continue.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER — 35095

* Denotes Mandatory Information for Corporate Bridge Register

SINGLE
LANE
BRIDGE

SINGLE
LANE
BRIDGE
BRIDGE
LOAD LIMIT
149,700
kg G.V.W.