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 2174 *Structure #: Ck 2174	*Crossing Name:	*Type/Class: ☑ Temporary bridge ☐ Permanent bridge	*Project File ID# 8466 *Br. 02
*FSR Name: Lost - Murdo	*Forest District: Chwk	*Kilometres:	User km: 0.7 km

Longitude: (ddd / mm / ss.s) 122 13 31.7 Latitude: (ddd / mm / ss.s) 49 17 23.0	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	
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	rock on town end, old logs on woods end
Posted Load Rating	_____(tonnes) or (None)	
Road Surface	E G F (P) UR	gravel accumulating on deck, road rutted

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 showing, could be 3X
Tie-backs	E G (F) P N/A UR	3x
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	creosoted
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	town DS ; woods US slightly scoured
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	rotten
Sub-deck	E G F (P) N/A UR	rotten
Ties	E G F (P) N/A UR	rotten
Nails	E G F (P) N/A UR	protruding
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	rotten
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	replace ties, subdeck, planks, risers & curbs also in hardware

BC Ministry of Forests and Range

Routine Condition Bridge Inspection Form
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION

*Site #:

*Structure #: Ck 2174

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, minor surface rust
Diaphragms	E G (F) P N/A UR	4 - surface rust
Bracing	E G (F) P N/A UR	surface rust
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 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

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

Repair Item #	*Priority (circle)	*Estimate ($)	*Repair Description
	(H) M L		post delineators
1	(H) M L		replace rock, subdeck, planks, risers & curbs
2	(H) M L		replace fenders & bracing
3	(H) M L		post bridge ahead/rd narrows & load rating signs

*Monitoring Status: ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	monitor crib scour
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):
(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)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/09/29	FLNRO	T. Miller	

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 5
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
FLNRO	T. Miller		2011/09/30

PEng Reviewer's Comments
- crib nearing the end of its industrial service life
- consider complete replacement of structure in industrial activity.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER # 35995

* Denotes Mandatory Information for Corporate Bridge Register

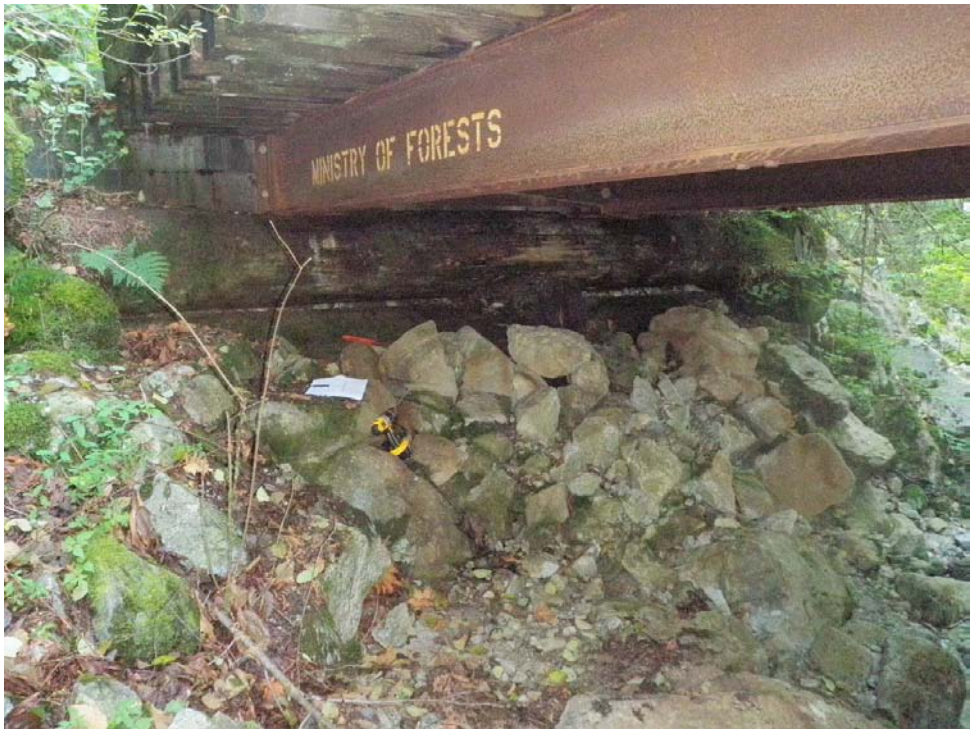
Town approach

Woods approach

View from upstream

View from downstream

Town abutment



Town abutment

Woods abutment

Deck