

ck2344

BC Ministry of
Forests and Range

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Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS			
Number of Spans: 1		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 51	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres):	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Concrete Slab Girders ☐ Glulam Girder ☒ Log Stringer ☐ Other ☐ Rail Car ☐ Steel Box Beam ☐ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers		
*Deck Type: ☐ Concrete ☐ Concrete Composite ☐ Concrete Removable ☒ Gravel ☐ Other ☐ Steel ☐ Steel Free ☐ Timber-Treated ☐ Timber-Treated Panels ☐ Timber-Untreated ☐ Timber-Untreated Panels		*Deck Width (metres): 50	
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☒ Gravel ☐ N/A ☐ Timber Planks			
*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☒ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat		*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☒ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat	
Comments:			

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

GENERAL INFORMATION			
(enter either long/lat or UTM - not both)			
Site #	CL-2344	Structure #	CK2344
FSR Name	STATE RIVER	User km	325
		Project File ID	8013
		Branch	01
Longitude: (ddd / mm / ss.s)	49 35 37.8	OR	
Latitude: (ddd / mm / ss.s)	122 24 01.3	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.			
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)	
Alignment	E G (F) P		
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 (None)		
Posted Load Rating (tonnes)	-	NOT POSTED	
Road Surface	E (G) F P		
LEFT/RIGHT ABUTMENTS (as seen facing downstream)			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Log/Timber Cribbs	E G F P (N/A)		
Tie-backs	E G F P (N/A)		
Bin Wall	E G F P (N/A)		
Precast Concrete	E G F P (N/A)		
Caps or Sills	E G (F) P	Bottom Cw - SLIGHTLY UNDERMINED BUT OK.	
Piles or Posts	E G F P (N/A)		
Ballast Wall	E (G) F P		
Wing Wall	E G F P (N/A)		
Bracing	E G F P (N/A)		
Hardware	E G (F) P (N/A)	LASHED @ MID SPAN	
Fill	E G F (P)	0-20 cm OF FILL ONLY	
Riprap	E G F P (N/A)	NO RIPRAP	
Bearings	E (G) F P		
Corrosion Protection	E G F P (N/A)		
Span 1 of <u>1</u> (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	E (G) F P		
Running Planks	E G F P (N/A)		
Sub-deck	E G F P (N/A)		
Ties	E G F P (N/A)		
Nails	E G F P (N/A)		
Deck to Girder Bolts	E G F P (N/A)		
Concrete Deck	E G F P (N/A)		
Grout Pockets	E G F P (N/A)		
Deck Joints	E G F P (N/A)		
Anti-skid Surface	E G F P (N/A)		
Gravel Surface	E G F (P) (N/A)	ONLY 20-30cm OF FILL	
Curb Rail/Blocks/Posts	E G F (P)	NEEDS CURB LOGS	
Handrails/Walkouts	E G F P (N/A)		
Hardware	E G F P (N/A)		
Overall Deck Condition	E G (F) P		

**Routine Condition Bridge Inspection Form**
(for log stringer or timber stringer bridges)**GENERAL INFORMATION**Site # CR 2344Structure # ck2344**SUPERSTRUCTURE** (stringers numbered from upstream side of bridge)

Item		Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)			
Log Curbs		E	G	F	P	N/A	
Needle Beams and Shims		E	G	F	P	N/A	
Stringer #	Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)		Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)
1	CW	Y <u>N</u>					
2	CW	Y <u>N</u>			50		
3		Y <u>N</u>					
4		Y <u>N</u>					
5		Y <u>N</u>					
6		Y <u>N</u>					
7		Y <u>N</u>					
8		Y <u>N</u>					
9		Y <u>N</u>					
10		Y <u>N</u>			50-100		

Not load bearing.

Too Low to Enter
* Poor stringer quality on far outside.**CHANNEL**Est. Present Water Level Depth (m) 0.2Est. Present Water Level Width (m) 5.0Est. High Water Level Clearance (m) 0**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 (H = High, M = Medium, L = Low)

#	Priority (circle)	Estimate (\$)	Description
1	H M <u>L</u>		CURB LOGS
2	H M <u>L</u>		DELIN.
3	H M <u>L</u>		Fill

Estimate of central stringers of 30-50cm better quality

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	N to C		INlet
	W/S		CAMP ABUT
	D/S		WINDS ABOVE
	C to W		Stringers.

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) 2009-10-27
Inspection Company Name ForSite Eng & Geo	Inspector's Name (print) Jeremy Anaki	Inspector's Signature

Comments

STRINGERS ARE QUESTIONABLE.

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): no rating	Date of Next Inspection
Reviewer Company Name	Reviewed by - P Eng's Name (print) L. Stevanovic
	Reviewed by - P Eng's Signature Digitally signed by L. Stevanovic Date: 2010.01.19 13:01:17 -08'00'
Comments 10 t load rate	Date Reviewed (yyyy/mm/dd)