

CK2300

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] 11.5	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:			
*Bridge Length (metres): 12.1 (40')	*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): 4.1	
*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: OLD WOOD STRUCTURE OVERSPANNED w/ STEEL-			

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

(enter either long/lat or UTM - not both)

Site #	CR - 2300	Structure #	
FSR Name	UTILVS CRK	User km	13 th
Project File ID	7972	Branch	01
Longitude: (ddd / mm / ss.s)	49 51 16.2	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	121 13 41.2		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 P (None)	NEEDS FENDERS
Posted Load Rating (tonnes)	-	NOT POSTED
Road Surface	E (G) F P	SMALL POTHOLES ON WOODS APPR.

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	4X CLOSE FACED CRIB RETAINING FILL.
Tie-backs	E G F (P) N/A	3X
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E (G) F P	NEW STRUCTURE ON SINGLE SILL LOG.
Piles or Posts	E G F P (N/A)	
Ballast Wall	E (G) F P	LOG
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E G F P (N/A)	
Fill	E G F P	SMALL AMOUNT OF SCOUR ON ROAD - MID SPAN CAMP APPR.
Riprap	E G F (P) N/A	WOODS CRIB UNDERMINED.
Bearings	E (G) F P	
Corrosion Protection	E G F P (N/A)	

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	E G (F) P	SOME GRAVEL ACCUMULATION ON DECK.
Running Planks	E G (F) P N/A	2 PLANKS DAM. WHEN RAIL WAS STRUCK.
Sub-deck	E G F P N/A	
Ties	E (G) F P N/A	TIMBER (200 X 250m)
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)	
Curb Rail/Blocks/Posts	E G F (P)	D/S DAMAGED + REPLACED W/ LOG
Handrails/Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E G (F) P	DUE TO DAM. RAIL.

D/S WOODS UNDER-
MINEDMID SPAN CAMP
APPR.

4" X 10"



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

GENERAL INFORMATION			
Site # <u>CK-2300</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F P <u>N/A</u>	STEEL I-BEAM OVER SPANS OLD LOG STRUCTURE.	
Diaphragms	E G F P <u>N/A</u>		
Bracing	E G F P <u>N/A</u>		
Under-trussing	E G F P <u>N/A</u>		
Hardware	E G F P <u>N/A</u>	NOT VIS.	
Cracks/Checks in Glulam Girders	E G F P <u>N/A</u>		
Concrete	E G F P <u>N/A</u>		
Shear Connectors	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.2</u>		Est. Present Water Level Width (m) <u>2.5</u>	Est. High Water Level Clearance (m) <u>2.5</u>
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 <u>WOODS ABUT. SCOUR.</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H <u>M</u> L		D/S GUARD RAIL.
2	H <u>M</u> L		FILL SCOUR MID SPAN ON CAMP ABUT. (SEE PHOTO)
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	WOODS CRIB SCOUR. (D/S)		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	C 10 W		RAIL DAM X 4
	D/S		WOODS ABUT
	V/S		WOODS SCOUR
	W EOC		CAMP ABUT
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked?	P Eng Inspection Required?	Date of Inspection (yyyy/mm/dd)	
Yes <u>No</u>	Yes <u>No</u>	<u>2009/10/21</u>	
Inspection Company Name	Inspector's Name (print)	Inspector's Signature	
<u>FORSTRE ENGINEERING & GEOSCIENCE</u>	<u>ALI SADEGH</u>	<u>[Signature]</u>	
Comments <u>OLD LOG STRUCTURE OVER SPANS w/ STEEL STRUCTURE</u>			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>L75</u>		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
	<u>L. Stevanovic</u>	<u>[Signature]</u>	
Comments <u>Replace the bridge due to poor abutments</u>			

FROM D/S.
FILL SCOUR.