

CK2236



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]	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): US: 82 } C-C DS: 90 }	*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):	
*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 longlat or UTM - not both)	
Site #	CK- 2236	Structure #	CK2236
FSR Name	SOWAGUHA	User km	9.4
Project File ID		Branch	
Longitude: (ddd / mm / ss.s)	119 23 43.2	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	121 11 45.2		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 <u>P</u>	TIGHT VER. CURVE	
Bridge Ahead Signs Missing	0 1 <u>2</u>		
Brushing Required	Yes <u>No</u>		
Delineator Missing Left	0 1 2		
Delineator Missing Right	0 1 2		
Fender Condition	E G <u>F</u> P None		
Posted Load Rating (tonnes)	-	NOT POSTED IN FIELD.	
Road Surface	E G <u>P</u> P		
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 <u>P</u> N/A	TO RETAIN FILL	
Tie-backs	E G F <u>P</u> N/A	3X	
Bin Wall	E G F P <u>N/A</u>		
Precast Concrete	E G F P <u>N/A</u>		
Caps or Sills	E G <u>F</u> P	FD SILL	
Piles or Posts	E G F P <u>N/A</u>		
Ballast Wall	E G F P	LOG CRIB.	
Wing Wall	E G F P <u>N/A</u>		
Bracing	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P N/A	LASHED TO STRUTTERS	
Fill	E <u>G</u> F P		
Riprap	E <u>G</u> F P N/A		
Bearings	E G F <u>P</u>	SEE NOTE	
Corrosion Protection	E G F P N/A		
Span 1 of ____ (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 <u>G</u> F P		
Running Planks	E G F P <u>N/A</u>		
Sub-deck	E G F P <u>N/A</u>		
Ties	E G F P <u>N/A</u>		
Nails	E G F P <u>N/A</u>		
Deck to Girder Bolts	E G F P <u>N/A</u>		
Concrete Deck	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
Deck Joints	E G F P <u>N/A</u>		
Anti-skid Surface	E G F P <u>N/A</u>		
Gravel Surface	E <u>G</u> F P N/A	~ 600mm OF FILL.	
Curb Rail/Blocks/Posts	E <u>G</u> F P	LOGS.	
Handrails/Walkouts	E G F P <u>N/A</u>		
Hardware	E G F P <u>N/A</u>		
Overall Deck Condition	E <u>G</u> F P		

* OLD 2X CRIB
w/ 1 ROW OF
TIE BACKS OVER
SPAWNED w/ LARGE
SILL LOG, BUT LOAD
PATH IS NOT DIRECTLY
ONTO GROUND. IT'S OVER
EXISTING CRIB. & ALSO
TUE OF SILL IS SCORPED
AT EACH END.



• ALSO THE CRIB
ITSELF IS UNDERMINED.

It looks like
The Abut. @
WOODS END HAS
SLIGHTLY SETTLED.
It could be due
to lack of
fill on woods
abut.

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

Site #

Structure # CK2236**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)	Comments
1	Fd	Y N	530				
2	H	Y N	600				
3	H	Y N	630				
4	H	Y N	500				
5	H	Y N	420				
6	H	Y N	320				
7	H	Y N	400				
8	H	Y N	580				
9	H	Y N	680	200			SAP ROT
10	H	Y N	620				

CHANNEL 11Est. Present Water Level Depth (m) 0.3Est. Present Water Level Width (m) 3.0Est. High Water Level Clearance (m) 2.8**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 L		
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	C TOW		C TOW
	VIS		STRONG FR. BODY X 6
	VIS		POOR STRINGER PLAC.
	HTOC		

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? <u>Yes</u> No	Date of Inspection (yyyy/mm/dd) <u>2009-10-20</u>
Inspection Company Name <u>Finto Eng & Geo.</u>	Inspector's Name (print) <u>Ali Sodegini</u>	Inspector's Signature <u>[Signature]</u>
Comments		

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): <u>0T</u>	Date of Next Inspection
Reviewer Company Name	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>
	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.06 16:07:54 -08'00'
Date Reviewed (yyyy/mm/dd)	
Comments <u>the bridge was closed in 2007</u>	

ROT

11 Fd 720 N 200mm

12 Fd 600 N 200mm

4 STRINGERS
HAVE FROTHING
BODIES, BUT NO
ROT DETECTED.STRINGERS NOT
PLACED PROPERLY
TOGETHER. GAP
BTW SOME OF
STRINGERS.WOODS ABVT X3
WOODS SCOUR X13