

CK2341

BC Ministry of
Forests and Range

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Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS			
Number of Spans:		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 59 U/S 57 P/S	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): 47	
*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			
Site # <u>CK-2341</u>		(enter either longlat or UTM - not both)	
FSR Name <u>STANE RIVER</u>		User km <u>15.95</u>	Structure # <u>CK2341</u>
Project File ID <u>8013</u>		Branch <u>01</u>	
Longitude: (ddd / mm / ss.s) <u>49 31.57.5</u>		OR	UTM Zone
Latitude: (ddd / mm / ss.s) <u>122 16 42.0</u>			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 <u>(G)</u> F P		
Bridge Ahead Signs Missing	0 1 <u>(2)</u>		
Brushing Required	Yes <u>(No)</u>		
Delineator Missing Left	0 1 <u>(2)</u>		
Delineator Missing Right	0 1 <u>(2)</u>		
Fender Condition	E G F P <u>(None)</u>		
Posted Load Rating (tonnes)	<u>-</u>	<u>Not Posted.</u>	
Road Surface	E G <u>(F)</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 <u>(F)</u> P N/A	<u>2x CLOSED FACED - Bottom CRIB</u>	
Tie-backs	E G <u>(F)</u> P N/A	<u>2x TIE BACKS</u>	
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		
Piles or Posts	E G F P <u>(N/A)</u>		
Ballast Wall	E <u>(G)</u> F P	<u>MURDER</u>	
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	<u>LACHED</u>	
Fill	E <u>(G)</u> F P		
Riprap	E G F P <u>(N/A)</u>	<u>NO RIPRAP</u>	
Bearings	E <u>(G)</u> F P		
Corrosion Protection	E G F P <u>(N/A)</u>		
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 <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 G F <u>(P)</u> N/A	<u>10-20cm of fill ONLY</u>	
Curb Rail/Blocks/Posts	E <u>(G)</u> F P		
Handrails/Walkouts	E G F P <u>(N/A)</u>		
Hardware	E <u>(G)</u> F P <u>(N/A)</u>		
Overall Deck Condition	E <u>(G)</u> F P		

Burned.
• D-

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

GENERAL INFORMATION							
Site # <u>CIC-2341</u>				Structure # <u>CK2341</u>			
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 <u>G</u> F P N/A					
Needle Beams and Shims		E G F P <u>N/A</u>					
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	<u>Ln</u>	<u>Y</u> N	<u>470</u>				
2		<u>Y</u> N	<u>690</u>				
3		<u>Y</u> N	<u>630</u>				
4		<u>Y</u> N	<u>620</u>				
5		Y N					
6		Y N					
7		Y N					
8		Y N					
9		Y N					
10		Y N					
CHANNEL							
Est. Present Water Level Depth (m)		<u>0.1</u>		Est. Present Water Level Width (m)		<u>2.0</u>	
				Est. High Water Level Clearance (m)		<u>0</u>	
HAZARDS (circle yes or no for each item)							
High Water?		<u>Yes</u> No		Scour?		<u>Yes</u> No	
				Ice?		<u>Yes</u> No	
				Debris?		<u>Yes</u> No	
				Aggradation?		<u>Yes</u> No	
Comments <u>DEBRIS PLUGGING CAMPSIDE. 50% END AREA REDUCED.</u>							
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		
	<u>W TO C</u>				<u>INLET</u>		
	<u>U/S</u>				<u>DEBRIS X2</u>		
	<u>D/S</u>						
	<u>C TO W</u>						
INSPECTOR TO COMPLETE THIS SECTION							
As-built Drawings Checked?		P Eng Inspection Required?		Date of Inspection (yyyy/mm/dd)			
Yes <u>No</u>		Yes No		<u>2009-10-27</u>			
Inspection Company Name		Inspector's Name (print)		Inspector's Signature			
<u>Forster Eng + Geo</u>							
Comments <u>REQ. MORE PILL</u>							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): <u>L60</u>				Date of Next Inspection			
Reviewer Company Name		Reviewed by - P-Eng's Name (print)		Reviewed by - P-Eng's Signature		Date Reviewed (yyyy/mm/dd)	
		<u>L. Stevanovic</u>					
Comments							

• Diff. to Access stringers.
• 0-20mm of SAP Rot.
• Good Cond.
• Outside stringers have 20-30mm of Rot