

CK2263



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] 11⁴ v/s, 11⁴ DB	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): 11	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☒ Log Stringer ☐ Rail Car ☐ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 50%;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Other ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> </div>		
*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	
*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 #	CK 2263	Structure #	CK 2263	
FSR Name	STAVE RIVER	User km	107	Project File ID 8013 Branch 01
Longitude: (ddd / mm / ss.s)	49 29 28.1	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s)	122 15 21.6			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)			
Posted Load Rating (tonnes)	-	NOT PISTED.		
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 Cribs	E G F (P) N/A	3X OPEN CAMP, 2X OPEN FACED		
Tie-backs	E G F (P) N/A	4x		
Bin Wall	E G F P (N/A)			
Precast Concrete	E G F P (N/A)			
Caps or Sills	E G F P			
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	LOST END.		
Fill	E (G) F P			
Riprap	E G F P (N/A)			
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			
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	30-40 cm of fill.		
Curb Rail/Blocks/Posts	E G (F) P			
Handrails/Walkouts	E G F P (N/A)			
Hardware	E G (F) P N/A	LOST END.		
Overall Deck Condition	E G F P			

= CRIB + TIE BACKS
HAVE SAP PUT
→ SOME COMPRESSION
ON TIE BACKS

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

GENERAL INFORMATION								
Site # <u>CK 2263</u>				Structure # <u>CK 2263</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		Y N	820	10-20			KNOTTY	
* 2		Y N	760				BROKEN IN MID 1/3	
3		Y N	810	10-40			SAP ROT	
4		Y N	850					
5		Y N	860	0-60	IN CAT FACE			
6		Y N	750	20-30	SAP ROT		SAP ROT	
7		Y N						
8		Y N						
9		Y N						
10		Y N						
CHANNEL								
Est. Present Water Level Depth (m) <u>0.15</u>		Est. Present Water Level Width (m) <u>5.0</u>		Est. High Water Level Clearance (m) <u>1.2</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								
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>C T u W</u>			<u>FROM U/S</u>					
<u>V/C</u>			<u>CAMP ABUT</u>					
<u>D/S</u>			<u>WASH ABUT</u>					
<u>W T A C</u>			<u>BROKEN #2 STRINGER</u>					
INSPECTOR TO COMPLETE THIS SECTION								
As-built Drawings Checked? Yes No		P Eng Inspection Required? Yes No		Date of Inspection (yyyy/mm/dd)				
Inspection Company Name		Inspector's Name (print)		Inspector's Signature				
Comments								
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION								
Current Load Rating GWW (tonnes): <u>L60</u>			Date of Next Inspection					
Reviewer Company Name		Reviewed by - P Eng's Name (print)		Reviewed by - P Eng's Signature				
		<u>L. Stevanovic</u>		Digitally signed by L. Stevanovic Date: 2010.01.20 16:52:57 -08'00'				
Date Reviewed (yyyy/mm/dd)								
Comments								

⇒ FRESH BREAK.