

062421



BC Ministry of
Forests and Range

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS			
Number of Spans: <u>1</u>		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] <u>28</u>	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <u> </u>	*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): <u>5.5</u>	
*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 2421</u>		(enter either long/lat or UTM - not both)	
FSR Name <u>STAVE RIVER</u>		User km <u>162</u>	Structure # <u>CK2421</u>
Project File ID <u>8013</u>		Branch <u>01</u>	
Longitude: (ddd / mm / ss.s) <u>119 32</u>		OR	UTM Zone
Latitude: (ddd / mm / ss.s) <u>122 16</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 G <u>(F)</u> 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	<u>SOME PITCHES</u>	
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 CRIB OPEN ENDED</u>	
Tie-backs	E G <u>(F)</u> P N/A	<u>3X</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 F P	<u>MUD SILLS @ OUTLET</u>	
Piles or Posts	E G F P <u>(N/A)</u>		
Ballast Wall	E <u>(G)</u> F P		
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>LASHED</u>	
Fill	E <u>(G)</u> F P		
Riprap	E G F P <u>(N/A)</u>	<u>NO RIP RAP</u>	
Bearings	E <u>(G)</u> F P		
Corrosion Protection	E G F P <u>(N/A)</u>		
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 G 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 <u>(F)</u> P N/A	<u>30-40cm of FILL</u>	
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	<u>NO CURB LOGS</u>	
Handrails/Walkouts	E G F P N/A		
Hardware	E <u>(G)</u> F P N/A	<u>LASHED</u>	
Overall Deck Condition	E <u>(G)</u> F P		

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

GENERAL INFORMATION							
Site # <u>CK-2421</u>				Structure # <u>CK2421</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 G F P <u>N/A</u>		<u>NO CURB LOGS</u>			
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					
2		Y N					
3		Y N					
4		Y N					
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>0.15</u>		Est. Present Water Level Width (m) <u>20</u>		Est. High Water Level Clearance (m) <u>0.6</u>			
HAZARDS (circle yes or no for each item)							
High Water?	Yes No	Scour?	Yes No	Ice?	Yes No	Debris?	Yes No
		<u>Yes</u>	No			<u>Yes</u>	No
Comments <u>SOME DEBRIS @ INLET. SOME SCOUR INT OK</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	<u>MONITOR DEBRIS @ INLET</u>						
2							
PHOTO LOG							
Photo #	Description	Photo #	Description				
	<u>W EDC</u>		<u>OUTLET</u>				
	<u>CTJ W</u>		<u>INLET</u>				
	<u>US</u>		<u>INSIDE</u>				
	<u>DLS</u>		<u>SPRINGERS</u>				
INSPECTOR TO COMPLETE THIS SECTION							
As-built Drawings Checked?		P Eng Inspection Required?		Date of Inspection (yyyy/mm/dd)			
Yes No		Yes No					
Inspection Company Name		Inspector's Name (print)		Inspector's Signature			
Comments							
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION							
Current Load Rating GVW (tonnes): <u>L: 60</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>MFR</u>		<u>L. Stevanovic</u>					
				Digitally signed by L. Stevanovic Date: 2010.02.15 13:48:22 -0800			
Comments							

• Ø: 40 TO 50 cm
• 20-30 mm of
SAP ROT
• FAIR COND.
• 12 STRINGERS.
• OUTSIDE
STRINGERS
ARE LARGER
BUT NOT LOAD
BEAR.