



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] ?	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage																						
Portable Superstructure Storage Location:																								
*Bridge Length (metres): 119	*Superstructure: <table border="0"><tr><td>☐ Compo Girders</td><td>☐ Concrete Box Beam</td></tr><tr><td>☐ Concrete Cast in Place</td><td>☐ Concrete I/T Beam</td></tr><tr><td>☐ Concrete Slab Girders</td><td>☐ Glulam Girder</td></tr><tr><td>☐ Log Stringer</td><td>☐ Other</td></tr><tr><td>☐ Rail Car</td><td>☐ Steel Box Beam</td></tr><tr><td>☒ Steel I-Beam</td><td>☐ Steel Truss/Bailey/Acrow</td></tr><tr><td>☐ Timber-Treated Stringers</td><td>☐ Timber-Untreated Stringers</td></tr></table>		☐ 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								
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Comments:																								

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

GENERAL INFORMATION				(enter either long/lat or UTM - not both)		
Site # <u>CK-2117</u>		Structure # <u>CK-2117</u>				
FSR Name <u>HAKISNA EAST COGBURN</u>		User km	Project File ID <u>574B</u>	Branch <u>02</u>		
Longitude: (ddd / mm / ss.s) <u>49 33 27.6</u>		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>121 44 24.6</u>						
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>	<u>VERY TIGHT HOR. CURVE.</u>				
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	Yes <u>(X)</u> No					
Delineator Missing Left	<u>(0)</u> 1 2					
Delineator Missing Right	0 <u>(1)</u> 2					
Fender Condition	E G <u>(F)</u> P None	<u>LOGS</u>				
Posted Load Rating (tonnes)		<u>NOT POSTED.</u>				
Road Surface	E G <u>(F)</u> P	<u>SMALL POT HOLE IN CAMP APP.</u>				
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 <u>(P)</u> N/A	<u>LOG CRIB RETAINING FILL ON BOTH SIDES</u>				
Tie-backs	E G F <u>(P)</u> N/A					
Bin Wall	E G F <u>(P)</u> N/A	<u>LOG</u>				
Precast Concrete	E <u>(G)</u> F P N/A	<u>CRIB IN PLACE FOOTING.</u>				
Caps or Sills	E G F P					
Piles or Posts	E G F P <u>(N/A)</u>					
Ballast Wall	E G F <u>(P)</u>	<u>OLD CRIB</u>				
Wing Wall	E G F <u>(P)</u> N/A	<u>DIS. WOODS WING WALL LEANING INTO STREAM. SCOURED +</u>				
Bracing	E G F P <u>(N/A)</u>	<u>WATER ACTIVELY</u>				
Hardware	E G F P <u>(N/A)</u>	<u>SCOURING BEHIND</u>				
Fill	E G <u>(F)</u> P	<u>SEE CRIB NOTE</u>				
Riprap	E G F P <u>(N/A)</u>	<u>WALL @ HIGH WATER</u>				
Bearings	E G F P	<u>CULDN'T SEE BEARING B/C OF</u>				
Corrosion Protection	E G F P <u>(N/A)</u>	<u>HIGHT</u>				
Span 1 of <u>1</u> (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 <u>(P)</u> 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 <u>(G)</u> F P N/A	<u>CONCR COMP.</u>				
Grout Pockets	E <u>(G)</u> F P N/A					
Deck Joints	E <u>(G)</u> F P N/A					
Anti-skid Surface	E G F P <u>(N/A)</u>					
Gravel Surface	E G F P <u>(N/A)</u>					
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	<u>VIS DAMAGED B/C OF IMPACT</u>				
Handrails/Walkouts	E G F P <u>(N/A)</u>					
Hardware	E <u>(G)</u> F P N/A					
Overall Deck Condition	E <u>(G)</u> F P					

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GENERAL INFORMATION			
Site #		Structure # CK3117	
SUPERSTRUCTURE			
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E	(G) F P	Some Rust. U/S GIRDER MUCH DEEPER THAN D/S GIRDER.
Diaphragms	E	G F P (N/A)	THE FOOTING RAISED D/S TO COMPENSATE DIF. GIRDER DEPTH.
Bracing	E	(G) F P (N/A)	
Under-trussing	E	G F P (N/A)	
Hardware	E	G F P (N/A)	COULDN'T OBSERVE
Cracks/Checks in Glulam Girders	E	G F P (N/A)	
Concrete	E	G F P (N/A)	
Shear Connectors	E	G F P (N/A)	
Grout Pockets	E	G F P (N/A)	
CHANNEL			
Est. Present Water Level Depth (m) 0.5		Est. Present Water Level Width (m) 5.0	Est. High Water Level Clearance (m) 6+
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: SIGN OF UNDERB. (CROSSING) IN HIGH DEBRIS TRANS. POTENTIAL CHANNEL.			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M (L)		REPAIR RAILS + DELIN.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	CRIB. Should be insp yearly.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	H 2P L		FROM RAIL.
	U/S		-GIRDS ABUT. X 4
	D/S		FROM U/S
	D/S TO W		CRIB ABUT
			FROM D/S.
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) 2009-10-23
Inspection Company Name Geoscience Ltd.		Inspector's Name (print) Ali Sndeghi	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 10 t		Date of Next Inspection	
Reviewer Company Name	Reviewed by - P Eng's Name (print) L. Stevanovic	Reviewed by - P Eng's Signature Digitally signed by L. Stevanovic Date: 2010.01.12 15:03:15 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments: post 10t load rating			

Forste Engineering