



BC Ministry of
Forests and Range

ck2153

Page 2 of 2

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] 32, 4	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage																						
Portable Superstructure Storage Location:																								
*Bridge Length (metres): 33.6	*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 #	ck2153		Structure #	ck2153		
FSR Name	Jones Lake FSR		User km	8.7	Project File ID	8149
Longitude: (ddd / mm / ss.s)	49° 14' 56.3"		OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)	121° 36' 00.1"					
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	old Logs Functional				
Posted Load Rating (tonnes)	68,684 kg 68,140 kg					
Road Surface	E G (F) P	Potholes on both approaches. Deep pothole wood approach needs more fill.				
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)					
Tie-backs	E G F P (N/A)					
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	Pipe Piles on spread footing				
Ballast Wall	E G (F) P	Ballast wall on wood side slight damage				
Wing Wall	E G F P (N/A)	due to potholes on approach, water drainage under ballast wall + seeping fill.				
Bracing	E G F P (N/A)					
Hardware	E (G) F P N/A					
Fill	E G (F) P					
Riprap	E (G) F P N/A					
Bearings	E (G) F P	Rubber Pads				
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)					
Curb Rail/Blocks/Posts	E G F (P)	Riser missing, guardrail cracked in half camp side d/s, Poor Risers u/s Guardrail				
Handrails/Walkouts	E G F P (N/A)					
Hardware	E (G) F P N/A					
Overall Deck Condition	E G (F) P					

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GENERAL INFORMATION			
Site # <u>CK2153</u>		Structure # <u>CK2153</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P	<u>2 I-Beams bolted together. slightly rusty.</u>	
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>		
Under-trussing	E G F P <u>N/A</u>		
Hardware	E <u>G</u> F P <u>N/A</u>		
Cracks/Checks in Glulam Girders	E G F P <u>N/A</u>		
Concrete	E G F P <u>N/A</u>		
Shear Connectors	E G F P <u>N/A</u>		
Grout Pockets	E G F P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.30</u>		Est. Present Water Level Width (m) <u>7.7</u>	Est. High Water Level Clearance (m) <u>4.6m</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 <u>L</u>		<u>Guardrails should be replaced with high industrial activity</u>
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>Camp to Wood</u>		<u>Wood to Camp</u>
	<u>Overhead Storage</u>		<u>Camp Above</u>
	<u>W/S</u>		<u>Wood Above</u>
	<u>D/S</u>		<u>From W/S</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-10</u>
Inspection Company Name <u>Forste Eng & Geo Ltd.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>L75</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: 2010.03.05 17:36:57 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>replace curbs</u>			