

2120



BC Ministry of
Forests and Range

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS			
Number of Spans: 1		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 63.00	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): 6.2	
*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 # <u>CK-2120</u>	Structure # <u>CK2120</u>		
FSR Name <u>BEAR CRY</u>	User km <u>7th</u> Project File ID <u>5748</u> Branch <u>03</u>		
Longitude: (ddd / mm / ss.s) <u>49 27 22.1</u> OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 42 12.5</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 <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	<u>NOT THE OVER STRUCTURE</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 P <u>N/A</u>	
Tie-backs	E G F P <u>N/A</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	<u>CA LARGE SILL (N 20-50mm OF SAP ROT)</u>
Piles or Posts	E G F P <u>N/A</u>	<u>CAMP & HOOPS</u>
Ballast Wall	E G F P	<u>N/A</u>
Wing Wall	E G F P <u>N/A</u>	<u>ABT DIS</u>
Bracing	E G F P <u>N/A</u>	<u>BAOBY SCOUR</u>
Hardware	E G F P <u>N/A</u>	
Fill	E G F <u>P</u>	<u>1m+ OF FILL, REPAIRING INTO CHANNEL FROM MID-SPAN</u>
Riprap	E G F P <u>N/A</u>	<u>DIS. ALSO DIS</u>
Bearings	E G <u>F</u> P	<u>CAMP ABT FILL</u>
Corrosion Protection	E G F P <u>N/A</u>	<u>IS SCOURING.</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 <u>F</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 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 <u>N/A</u>	<u>FILL REPAIRING INTO CHANNEL FROM DIS EDGE</u>
Curb Rail/Blocks/Posts	E G F P <u>N/A</u>	<u>NONE!</u>
Handrails/Walkouts	E G F P <u>N/A</u>	<u>OF STRUCTURE.</u>
Hardware	E G F P <u>N/A</u>	
Overall Deck Condition	E G <u>F</u> P	

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

GENERAL INFORMATION									
Site # <u>CK 2120</u>					Structure # <u>CK2120</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>						
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	YC	<u>Y</u> N	830	20					
2	CW	<u>Y</u> N	150	50					
3	CW	<u>Y</u> N	150	50					
4	CW	<u>Y</u> N	150	60					
5	YC	<u>Y</u> N	800	80			CAT FACED LOG + SCARF		
6	YC	<u>Y</u> N	750	30					
7	YC	<u>Y</u> N	620	30					
8	YC	<u>Y</u> N	520	50					
9	YC	<u>Y</u> N	600	50					
10	YC	<u>Y</u> N	680	80					
CHANNEL									
Est. Present Water Level Depth (m) <u>0.2</u>			Est. Present Water Level Width (m) <u>1.2</u>			Est. High Water Level Clearance (m) <u>0.5</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									
REPAIRS (H = High, M = Medium, L = Low)									
#	Priority (circle)	Estimate (\$)	Description						
1	H <u>M</u> L		ROAD FULL SKALPING DIS CAMP ABOVE						
2	H <u>M</u> L		CURB LOG, DELIM, FENDERS.						
3	H M L								
ITEMS TO MONITOR									
#	Description								
1	SCOUR UNDER ABUTMENTS.								
2									
PHOTO LOG									
Photo #	Description	Photo #	Description						
	CAMP SCOUR		DIC						
	LOG DAM.		D/S						
	WIDE SCOUR		W TO C						
	FROM DIC		C TO W						
INSPECTOR TO COMPLETE THIS SECTION									
As-built Drawings Checked? <u>Yes</u> No		P Eng Inspection Required? <u>Yes</u> No		Date of Inspection (yyyy/mm/dd) <u>2009-10-23</u>					
Inspection Company Name <u>First Eye + Geo.</u>		Inspector's Name (print) <u>Ali Sadeqhi</u>		Inspector's Signature <u>[Signature]</u>					
Comments									
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes):				Date of Next Inspection					
Reviewer Company Name		Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>		Reviewed by - PEng's Signature		Date Reviewed (yyyy/mm/dd)			
				Digitally signed by L. Stevanovic Date: 2010.01.12 14:10:41 -0800					
Comments <u>load rating L45</u>									