

ACTIVE

Aug 18
07

 BC Ministry of Forests and Range	Page 1 of 2
	Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure # <u>CK-2126</u>	*Site #:
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road: <u>LOOKOUT PEAK</u>	Kilometres: <u>0.1</u>
*Project File ID#: <u>5748</u>	*Br. <u>07</u>
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure Other Ministries ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK-2126

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STRUCTURAL DETAILS			
Number of Spans: <u>1</u>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]		
Number of Piers: <u> </u>	Pier Type: ☐ Concrete ☐ Crib - Timber ☐ Piles - Concrete ☐ Piles - Steel ☐ Piles - Timber Treated ☐ Piles - Timber Untreated ☐ Steel Column on Concrete Pad		
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☒ Yes ☐ No	Portable Superstructure Status: ☒ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <u>15.3</u>	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Rail Car ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Other ☐ Concrete Slab Girders ☐ Glulam Girder ☐ Log Stringer ☒ Steel Box Beam ☐ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers		
*Deck Type: ☐ Concrete ☐ Concrete Composite ☐ Gravel ☐ Concrete Removable ☐ Concrete - Steel Free ☒ Steel ☐ Timber-Treated ☐ Timber-Untreated ☐ Other ☐ Timber-Treated Panels ☐ Timber-Untreated Panels			*Deck Width (metres): <u>4.9</u>
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☐ Gravel ☒ Not Available ☐ Timber Planks			
*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad		*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Untreated Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pad	
Comments: <u>OLD LOG STRINGER STRUCTURE OVER SPANNED w/ PORTABLE STEEL.</u>			

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

GENERAL INFORMATION				(enter either longlat or UTM below - not both)			
*Site #: CK2126	*Crossing Name:	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# 5748		*Br. 07		
*Structure #:	*FSR Name: LUCKY PEAK	*Forest District: Chilliwack	*Kilometres: 0.1	User km: 0.1			
Longitude: (ddd / mm / ss.s) 49 27 10.2	OR	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) 121 42 08.6							
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.; UR = Unrated							
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)					
Alignment	E G <u>(F)</u> P UR	TIGHT HORIZONTAL CURVE LIMITS VISIBILITY					
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 <u>(F)</u> P None UR	OLD LOGS					
Posted Load Rating	(tonnes) or None	NOT POSTED					
Road Surface	E G <u>(F)</u> P UR						
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 UR	2X CRIB 2 OLD CRIB ONLY SUPPORTING DEAD					
Tie-backs	E G F <u>(P)</u> N/A UR	3X TIEBACK 5 WEIGHT OF OLD LOG STRINGER STRUCTURE.					
Bin Wall	E G F P <u>(N/A)</u> UR						
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR						
Caps or Sills	E <u>(G)</u> F P N/A UR	TIMBER SILL.					
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G F P N/A UR						
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E G F P <u>(N/A)</u> UR						
Hardware	E G F P <u>(N/A)</u> UR						
Fill	E <u>(G)</u> F P N/A UR						
Riprap	E G <u>(F)</u> P N/A UR	CORNERS HAVE BEEN RIP RAPED RECENTLY.					
Bearings	E G F P <u>(N/A)</u> UR	NOT VISIBLE					
Corrosion Protection	E G F P <u>(N/A)</u> UR						
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 (N/A if running surface is gravel or timber planks)	E G <u>(F)</u> P N/A UR	SOME FINE DEBRIS ON DECK					
Running Planks	E G F P <u>(N/A)</u> UR						
Sub-deck	E G F P N/A UR						
Ties	E G F P N/A UR						
Nails	E G F P N/A UR						
Deck to Girder Bolts	E G F P N/A UR						
Concrete Deck	E G F P N/A UR						
Grout Pockets	E G F P N/A UR						
Deck Joints	E G F P N/A UR						
Steel Deck Plate	E G <u>(F)</u> P N/A UR						
Gravel Surface	E G F P <u>(N/A)</u> UR						
Gravel Deck Depth	metres or N/A						
Curb Rail/Blocks/Posts	E <u>(G)</u> F P UR	STEEL					
Handrails/Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G F P <u>(N/A)</u> UR						
Overall Deck Condition	E G <u>(F)</u> P UR						

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

GENERAL INFORMATION									
*Site #: CK 2126		*Structure #:							
SUPERSTRUCTURE									
Item	Present Condition (circle)		Comments (a comment is mandatory if condition "Poor" is selected)						
Girders	E	(G) F P UR	PORTABLE STEEL						
Diaphragms	E	G F P N/A UR							
Bracing	E	G F P N/A UR							
Under-trussing	E	G F P N/A UR							
Hardware	E	G F P N/A UR							
Welded / Grouted Shear Connectors	E	G F P N/A UR							
Stream CHANNEL									
*Est. Present Water Level Depth 0.4 (m)		*Est. Present Water Level Depth 5.0 (m)	*Est. Present Water Level Depth 1.8 (m)						
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									
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)									
Repair Item #	*Priority (circle)		*Estimate (\$)		*Repair Description				
1	(H) M L				PST STRUCTURE LOAD LIMIT				
2	(H) M L				DELINEATORS,				
3	H M L								
*Monitoring Status: ☐ Recommended ☐ Not required									
Monitor Item #	*Monitor Description								
1	MONITOR OLD LOG STRINGERS & CRIB.								
2									
PHOTO LOG									
Photo #	Description				Photo #	Description			
	LEFT TO RIGHT					FLY IN W/STREAM			
	RIGHT TO LEFT					RIGHT ABUT			
	FROM DOWN STREAM					SEALING FROM DOWNSTREAM			
	LEFT ABUT					ROTEN CRIB LOG			
INSPECTOR TO COMPLETE THIS SECTION									
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes (No)		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): (P Eng to review and evaluate Inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)					
*Date of Inspection (yyyy/mm/dd) 200-08-18		*Inspection Company Name Onsite Engineering Ltd		*Inspector's Name (print) Ali Sadeghi		Inspector's Signature 			
Inspector's Comments OLD CRIB & LOG STRINGERS IN A VERY POOR CONDITION.									
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes): ?				Date of Next Planned Inspection (yyyy/mm/dd) 2011/09/01					
Reviewer Company Name Onsite Engineering LTD		Reviewed by - P Eng's Name (print) G. Dohm		Reviewed by - P Eng's Signature 		Date Reviewed (yyyy/mm/dd) 2010/10/29			
P Eng Reviewer's Comments Portable bridge over spanning log stringer bridge.									

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Design rating of portable not noted in inspection or on file. Please provide portable bridge design rating to Region. Thanks.



CK2126 Left to right



CK2126 Right to left



CK2126 From downstream



CK2126 Bearingh from downstream



CK2126 Left abutment



CK2126 Rotten log crib



CK2126 From upstream



CK2126 Right abutment

