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 BC Ministry of Forests and Range	Page 1 of 2 Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"
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GENERAL	
*Structure # <u>CK 2108</u>	*Site #: <u>CK 2108</u>
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road: <u>HARRISON EAST</u>	Kilometres: <u>30.7</u>
*Project File ID#: <u>5748</u>	*Br. <u>01</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/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): <small>(PEng to enter / update this value on structure details screen in CBR)</small>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
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): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small>
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK 2108

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

STRUCTURAL DETAILS			
Number of Spans: 	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <div style="text-align: center; margin-top: 10px;">9.5</div>		
Number of Piers: —	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): <div style="text-align: center; margin-top: 10px;">9.5</div>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☒ Concrete Slab Girders ☐ Log Stringer ☐ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 33%;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> <div style="width: 33%;"> ☐ Rail Car ☐ Other </div> </div>		
*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): <div style="text-align: center; margin-top: 10px;">4.9</div>
*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:			

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

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)			
*Site #: <u>CK-2108</u>	*Crossing Name:	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>5748</u>				
*Structure #:			*Br. <u>01</u>				
*FSR Name: <u>HACKISUN EAST</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>30.7</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 34 30.2</u>	☒ OR	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 49 04.9</u>							
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 <u>G</u> F P UR						
Bridge Ahead Signs Missing	<u>0</u> 1 2						
Brushing Required	Yes <u>No</u>						
Delineator Missing Left	<u>0</u> 1 2						
Delineator Missing Right	<u>0</u> 1 2						
Fender Condition	E <u>G</u> F P None UR		<u>NO POST BARRIERS</u>				
Posted Load Rating	<u>136</u> (tonnes) or None						
Road Surface	E <u>G</u> <u>F</u> P UR		<u>ROAD REQUIRES GRADING</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 F P <u>N/A</u> UR						
Tie-backs	E G F P <u>N/A</u> UR						
Bin Wall	E G F P <u>N/A</u> UR						
Concrete (cast in place; lock blocks, precast)	E <u>G</u> F P N/A UR		<u>PRECAST CAP</u>				
Caps or Sills	E <u>G</u> F P N/A UR		<u>PRECAST CONCRETE</u>				
Piles or Posts	E G F P <u>N/A</u> UR		<u>NOT VISIBLE</u>				
Ballast Wall	E <u>G</u> F P N/A UR		<u>PRECAST</u>				
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		<u>MIGHT BE TOO SMALL FOR THIS STREAM.</u>				
Bearings	E <u>G</u> F P N/A UR						
Corrosion Protection	E G F P <u>N/A</u> UR						
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 (N/A if running surface is gravel or timber planks)	E <u>G</u> F P N/A UR		<u>4 x CONCRETE GIRDERS.</u>				
Running Planks	E G F P <u>N/A</u> UR						
Sub-deck	E G F P <u>N/A</u> UR						
Ties	E G F P <u>N/A</u> UR						
Nails	E G F P <u>N/A</u> UR						
Deck to Girder Bolts	E G F P <u>N/A</u> UR						
Concrete Deck	E <u>G</u> F P N/A UR		<u>SOME DEBRIS ON BRIDGE</u>				
Grout Pockets	E G F P N/A UR						
Deck Joints	E G <u>F</u> P N/A UR		<u>SOME CRACKING & PEELING.</u>				
Steel Deck Plate	E G F P <u>N/A</u> 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		<u>STEEL W-BEAMS.</u>				
Handrails/Walkouts	E G F P <u>N/A</u> UR						
Hardware	E <u>G</u> F P N/A UR						
Overall Deck Condition	E <u>G</u> F P UR						

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

GENERAL INFORMATION			
*Site #: CK2108		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G P UR	4x SLAB COVER. GIRDERS. SMALL DAMAGE TO THE OUTSIDE PANEL.	
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 P UR	SOME SEALED JOINTS ARE PEELING OFF.	
Stream CHANNEL			
*Est. Present Water Level Depth 12 (m)		*Est. Present Water Level Depth 12 (m)	*Est. Present Water Level Depth 1.6 (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		
2	H M L		
3	H M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	SPLOINT DECK JOINTS SHOULD BE MONITORED, IN LIGHT OF NO SHEAR PLATES. THEY ARE PEELING.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		RIGHT ABUT X2
	LEFT TO RIGHT		LEFT ABUT X2
	DECK JOINTS		FROM DOWNSTREAM
	FROM UPSTREAM		PEELING JOINTS
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) 24-08-18	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/01	
Reviewer Company Name MNR Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Sign 	Date Reviewed (yyyy/mm/dd) 2010/10/29
P Eng Reviewer's Comments			

* Denotes Mandatory Information for Corporate Bridge Register



CK2108 Right to left



CK2108 Peeling joints



CK2108 Left to right



CK2108 Load limit sign



CK2108 From upstream



CK2108 Right abutment



CK2108 Right abutment2



CK2108 Left abutment

