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BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK-2440
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: SAKE LAKE	Kilometres: 31.8
*Project File ID#: 8013	*Br. 01
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-2440

ACTIVE

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

STRUCTURAL DETAILS			
Number of Spans: 1		Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 15.2	
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): 15.2	*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): 4.9
*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-2440</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID#		
*Structure #:			*Br.		
*FSR Name:	*Forest District: <u>Chilliwack</u>	*Kilometres:	User km:		
Longitude: (ddd / mm / ss.s)	<u>40 35 45.7</u>	☒ OR ☐ UTM	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s)	<u>122 24 19.6</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 G <u>(F)</u> P UR				
Bridge Ahead Signs Missing	0 1 <u>(2)</u>				
Brushing Required	<u>(Yes)</u> No				
Delineator Missing Left	0 1 2				
Delineator Missing Right	0 <u>(1)</u> 2	RIGHT ABUT			
Fender Condition	E <u>(G)</u> F P None UR	NO POST BARRIERS			
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 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	PRECAST CAPS			
Caps or Sills	E <u>(G)</u> F P N/A UR	PRECAST CAPS + BALLAST WALL			
Piles or Posts	E G F P N/A UR	? MOST LIKELY PILES, BUT NOT			
Ballast Wall	E <u>(G)</u> F P N/A UR	PRECAST CONCRETE			
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 <u>(G)</u> F P N/A UR				
Bearings	E <u>(G)</u> F P N/A UR	RUBBER PADS			
Corrosion Protection	E G F P <u>(N/A)</u> UR				
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 (N/A if running surface is gravel or timber planks)	E G <u>(F)</u> P N/A UR	DEBRIS ON BRIDGE			
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 G <u>(F)</u> P N/A UR	2X SLAB GIRDERS			
Grout Pockets	E G F P <u>(N/A)</u> UR				
Deck Joints	E G F P <u>(N/A)</u> UR				
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 <u>(N/A)</u>				
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR	TIMBER RAILS			
Handrails/Walkouts	E G F P <u>(N/A)</u> UR				
Hardware	E G <u>(F)</u> P N/A 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									
Route # CK-2440		Structure #							
SUPERSTRUCTURE									
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)							
Girders	E G F P UR	2x SLABS CONCRETE							
Diaphragms	E G F P NIA UR								
Bracing	E G F P NIA UR								
Under-trussing	E G F P NIA UR								
Hardware	E G F P NIA UR								
Welded / Grouted Shear Connectors	E G F P N/A UR	WELDED SHEAR CONNECTIONS							
Stream CHANNEL									
East Present Water Level Depth 0.15 (m)		West Present Water Level Depth 0.15 (m)		East Present Water Level Depth 0.15 (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 BEAVER DAM DOWNSTREAM PARTIALLY BLOCKING FLOW									
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									
2									
PHOTO LOG									
Photo #	Description	Photo #	Description						
	LEFT TO RIGHT		FROM DOWNSTREAM						
	RIGHT TO LEFT		LEFT ABUT						
	UPSTREAM		UNDERPASS 14						
	RIGHT ABUT								
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) 2010-09-09	Inspection Company Name Onsite Engineering	Inspector's Name (print) Ali Sadeghi	Inspector's Signature 						
Inspector's Comments 161									
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 MNRO	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) 2010/12/10						
P Eng Reviewer's Comments Please send as-built drawings to Region									

Mandatory Information for Corporate Bridge Register

for load rating. Load rating restricted to BCL-625 until as-built drawings are reviewed.



CK2440 Left to right



CK2440 Right to left



CK2440 From upstream



CK2440 Right abutment



CK2440 From downstream



CK2440 Left abutment



CK2440 Underneath