



BC Ministry of
Forests and Range

ACTIVE

Page 1 of 2

Active ⑥
Aug 16

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

GENERAL	
*Structure #	*Site #: <i>CK 2370</i>
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: <i>Chilliwack</i>	Management Area:
*Forest Service Road: <i>KAREN CRK</i>	Kilometres: <i>1.8</i>
*Project File ID#: <i>8240</i>	*Br. <i>01</i>
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): <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 2370

BC Ministry of
Forests and Range

Page 2 of 2

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] 20.8	
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): 21.6	*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:			

* FLARED
DOWN -
STREAM
APPROACHES

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

GENERAL INFORMATION				(enter either longlat or UTM below - not both)		
*Site #: <u>CK-2370</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>B240</u>			
*Structure #:			*Br. <u>01</u>			
*FBR Name: <u>KAREN CRK</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>1.8</u>	User km:			
Longitude: (ddd / mm / ss.s) <u>49 27 42.2</u>	☒ OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) <u>121 15 03.4</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	TIGHT HORIZONTAL & VERTICAL CURVES.			
Bridge Ahead Signs Missing	0	1 <u>2</u>				
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	G <u>F</u> P None UR	KH PIST BARRIERS & LOCK BLOCK RETAINING WALL.			
Posted Load Rating	<u>68</u> (tonnes) or None		POORLY POSTED, NOT WELL VISIBLE			
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 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	G F P <u>N/A</u> UR				
Caps or Sills	E	G F P <u>N/A</u> UR				
Piles or Posts	E	G <u>F</u> P N/A UR	PILE RIGIDS ON SPREAD FOOTING.			
Ballast Wall	E	G <u>F</u> P N/A UR	DAMAGE TO THE TOP OF THE PRECAST CONCR BALLAST WALL ON THE LEFT APPROACH.			
Wing Wall	E	G F P <u>N/A</u> UR				
Bracing	E	G F P <u>N/A</u> UR				
Hardware	E	G <u>F</u> P N/A UR				
Fill	E	G <u>F</u> P N/A UR				
Riprap	E	G <u>F</u> P N/A UR	THE SILT FENCE INSTALLED IS NOT FUNCTIONAL.			
Bearings	E	G <u>F</u> P N/A UR	RUBBER PADS			
Corrosion Protection	E	G <u>F</u> P N/A 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	G <u>F</u> P N/A UR	SMALL AMOUNT OF FINE DEBRIS ON DECK.			
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 F P <u>N/A</u> UR				
Grout Pockets	E	G <u>F</u> P N/A UR				
Deck Joints	E	G <u>F</u> P N/A UR	SOME CRACKS.			
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	G <u>F</u> P UR	DOWNSTREAM, ON THE APPROACHES, FIRST SET OF RAILS ARE LOOSE.			
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			
*Site #: 2370		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G P UR	2x 1-BEAM, STEEL	
Diaphragms	E G F P N/A UR		
Bracing	E G P N/A UR	5X	
Under-trussing	E G F P N/A UR		
Hardware	E G P N/A UR		
Welded / Grouted Shear Connectors	E G F P N/A UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0.2 (m)		*Est. Present Water Level Depth 3.0 (m)	*Est. Present Water Level Depth 2.0 (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			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT.		FROM UPSTREAM
	LEFT TO RIGHT		RIGHT ABUT
	DAM. RAIL.		LEFT ABUT X2
	RETAINING WALL.		BRIDGE ID
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) 2010-08-16	*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): 68 (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 Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's 	Date Reviewed (yyyy/mm/dd) 2010/12/09
P Eng Reviewer's Comments			

* Denotes Mandatory Information for Corporate Bridge Register

FROM DOWNSTREAM



CK2370 Right abutment



CK2370 Structure ID



CK2370 Left abutment



CK2370 From downstream



CK2370 Right to left



CK2370 Left abutment 2



CK2370 Retaining wall



CK2370 From upstream



CK2370 Left to right



CK2370 Loose rail



CK2370 Load limit sign