



BC Ministry of
Forests and Range

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

Page 1 of 2

GENERAL

*Structure #	*Site #: CK 2305
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: 02 + 1105 CK E. ANDERSON	Kilometres: 11.7
*Project File ID#: 7972	*Br. 02
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder	☐ Operations Division ☐ Road Permit Holder
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure	☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries
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-2305

BC Ministry of
Forests and Range

Page 2 of 2

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

STRUCTURAL DETAILS			
Number of Spans: <u>1</u>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <u>29.8</u>		
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>30.5</u> <u>100'</u>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☐ Log Stringer ☒ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 50%;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> <div style="width: 50%;"> ☐ 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): <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:			

**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-2305</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>7972</u>				
*Structure #:			*Br. <u>52</u>				
*FSR Name: <u>WETLUS - ANDERSON</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>11.7</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 43 34.3</u>	☒ OR ☐	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 17 44.9</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 G F <u>(P)</u> UR		TIGHT HOR CURVE.				
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 F P <u>(None)</u> UR		INSTALL FENDERS				
Posted Load Rating	____ (tonnes) or <u>(None)</u>		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 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 <u>(G)</u> F P N/A UR		PIPE RISERS.				
Ballast Wall	E <u>(G)</u> F P N/A UR		CONCRETE PRECAST				
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E <u>(G)</u> F P N/A UR						
Hardware	E <u>(G)</u> F P N/A UR						
Fill	E G <u>(F)</u> 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 <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						
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						
Grout Pockets	E G F P N/A UR		? CAN'T INSPECT DUE TO DEBR				
Deck Joints	E G <u>(F)</u> P N/A UR		SOME CRACKS AT JOINTS.				
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 F <u>(P)</u> UR		RUTS & DAMAGED				
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 #: <u>CK-2305</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P UR	STEEL I-BEAM X2	
Diaphragms	E G F P <u>N/A</u> UR		
Bracing	E <u>G</u> F P N/A UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E <u>G</u> F P N/A UR		
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.5</u> (m)		*Est. Present Water Level Depth <u>15</u> (m)	*Est. Present Water Level Depth <u>2.0</u> (m)
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
Comments			
REPAIRS: ☐ Recommended ☐ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	<u>H</u> M L		INSTALL FENDERS.
2	<u>H</u> M L		REPLACE RAILS, WITH INCREASE
3	H M L		
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT		RIGHT ABUT
	LEFT TO RIGHT		LEFT ABUT
	UPSTREAM		UNDERCUT
	DOWNSTREAM		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes <u>No</u>	Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): (PEng 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) <u>2010-09-06</u>	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): (PEng to update structure details screen in CBR as necessary)	<u>68</u>	Date of Next Planned Inspection (yyyy/mm/dd)	<u>2013/09/01</u>
Reviewer Company Name Onsite Engineering LTD	Reviewed by - PEng's Name (print) G. Dohm	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) 2010/12/08
PEng Reviewer's Comments			

INDUSTRIAL
ACTIVITY

* Denotes Mandatory Information for Corporate Bridge Register



CK2305 Left abutment



CK2305 Underneath



CK2305 Right to left



CK2305 Left to right



CK2305 From upstream



CK2305 From downstream



CK2305 Right abutment