

ACT 104

Aug 13

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

GENERAL	
*Structure #	*Site #: CK-2075
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: FOLEY CRK	Kilometres: 2.1
*Project File ID#: 5127	*Br. 13
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: STRUCTURE POSTED AS 154,000 KG GVW, but that doesn't match the file	

* Denotes Mandatory Information for Corporate Bridge Register

it is rated as 54,000 Kg



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Forests and Range

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STRUCTURAL DETAILS			
Number of Spans: 1		Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]	
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):	*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):
*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 2015</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>527</u>				
*Structure #:			*Br. <u>13</u>				
*FSR Name: <u>FOLEY CK</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>2.2</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 06 40.0</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 37 58.5</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 LEFT APPROACH				
Bridge Ahead Signs Missing	<u>0</u> 1 2						
Brushing Required	<u>Yes</u> No		MINOR				
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		NO POST BARRIERS				
Posted Load Rating	<u>154</u> (tonnes) or None		CONFIRM LOAD RATING AS IN PREVIOUS WKP IT WAS RATED AS 54.				
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 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 <u>(N/A)</u> UR		PIPE RISERS ON SPREAD FOOT.				
Ballast Wall	E G <u>(F)</u> P <u>(N/A)</u> UR		PRECAST CONCRETE				
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E G <u>(F)</u> P <u>(N/A)</u> UR						
Hardware	E G <u>(F)</u> P <u>(N/A)</u> UR						
Fill	E <u>(G)</u> F P <u>(N/A)</u> UR						
Riprap	E <u>(G)</u> F P <u>(N/A)</u> UR						
Bearings	E G <u>(F)</u> P <u>(N/A)</u> UR		RUBBER PADS				
Corrosion Protection	E G <u>(F)</u> 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 <u>(N/A)</u> 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 <u>(N/A)</u> UR						
Grout Pockets	E G <u>(F)</u> P <u>(N/A)</u> UR						
Deck Joints	E G <u>(F)</u> P <u>(N/A)</u> 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		HINGER DAMAGE TO UPSTREAM RIGHT ABUT RAIL.				
Handrails/Walkouts	E G F P <u>(N/A)</u> UR		(AT THE END OF RAIL)				
Hardware	E G F P <u>(N/A)</u> UR						
Overall Deck Condition	E G F P UR						

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

GENERAL INFORMATION			
*Site #: <u>CK2015</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(P)</u> P UR	WEATHERING STEEL 1-BEAM X2	
Diaphragms	E G F P <u>(N/A)</u> UR		
Bracing	E G <u>(P)</u> 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>1.1</u> (m)		*Est. Present Water Level Depth <u>1.6</u> (m)	*Est. Present Water Level Depth <u>1.6</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 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		LEFT ABUT
	LEFT TO RIGHT		DAM. STEEL RAIL
	VIEW UPSTREAM		RIGHT ABUT
	POSTED LOAD RATING X2		FROM DRAIN STREAM
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): (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) <u>2010-08-13</u>	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments <u>CONFIRM POSTED LOAD RATING IMMEDIATELY. AS THERE IS ACTIVE HAULING OVER CROSSING</u>			
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)	
<u>54</u>		<u>2013/09/01</u>	
Reviewer Company Name Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signa 	Date Reviewed (yyyy/mm/dd) 2010/11/18
P Eng Reviewer's Comments Please ensure this load rating posting gets			

* Denotes Mandatory Information for Corporate Bridge Register corrected asap to show 54 tonnes and not 154 tonnes (ie. looks like someone marked-up the sign.)



CK2075 Damage rail



CK2075 Right abutment



CK2075 Left abutment



CK2075 From downstream



CK2075 Load limit sign



CK2075 From upstream



CK2075 Left to right



CK2075 Load limit sign2