

ACTIVE

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Sep 7

#3

BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK 2233
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: #14 Steve	Kilometres: 0.7
*Project File ID#: 8394	*Br. 04
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-2233

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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>23.3</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>80'</u> <u>24.4m</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:			

How loading.



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

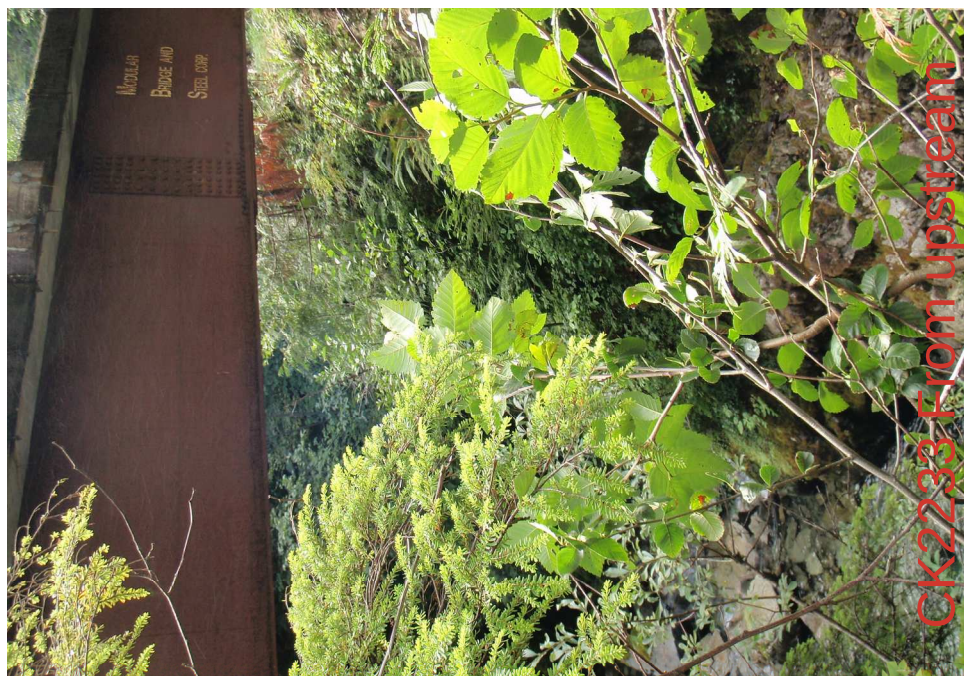
GENERAL INFORMATION				(enter either long/lat or UTM below – not both)			
*Site #: <u>CK-22 33</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>8394</u>				
*Structure #:			*Br. <u>04</u>				
*FSR Name: <u>Pitt Street</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>0.7</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>97 41 12.9</u>	Latitude: (ddd / mm / ss.s) <u>49 12 58.4</u>	UTM Zone	UTM Easting	UTM Northing			
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	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	OLD LOGS					
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 Cribbs	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 FOOTING					
Caps or Sills	E G F P <u>(N/A)</u> UR						
Piles or Posts	E <u>(G)</u> F P N/A UR	PIPG RISER ON SPREAD FOOTING					
Ballast Wall	E <u>(G)</u> F P N/A UR	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 <u>(G)</u> F P N/A UR						
Riprap	E G F P <u>(N/A)</u> UR	BEDROCK CONTROLS					
Bearings	E <u>(G)</u> F P N/A UR	EUBER RAPS					
Corrosion Protection	E G <u>(F)</u> P N/A 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 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	BX CONCRETE CAMP. = FLARED AT THE					
Grout Pockets	E G F P N/A UR	NOT VIS. DUE TO DEBRIS.					
Deck Joints	E G <u>(F)</u> P N/A UR	END ON THE RIGHT APPROACH					
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	LOOSE RAILS					
Handrails/ Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G <u>(F)</u> P N/A UR	LOOSE					
Overall Deck Condition	E G <u>(F)</u> P UR						

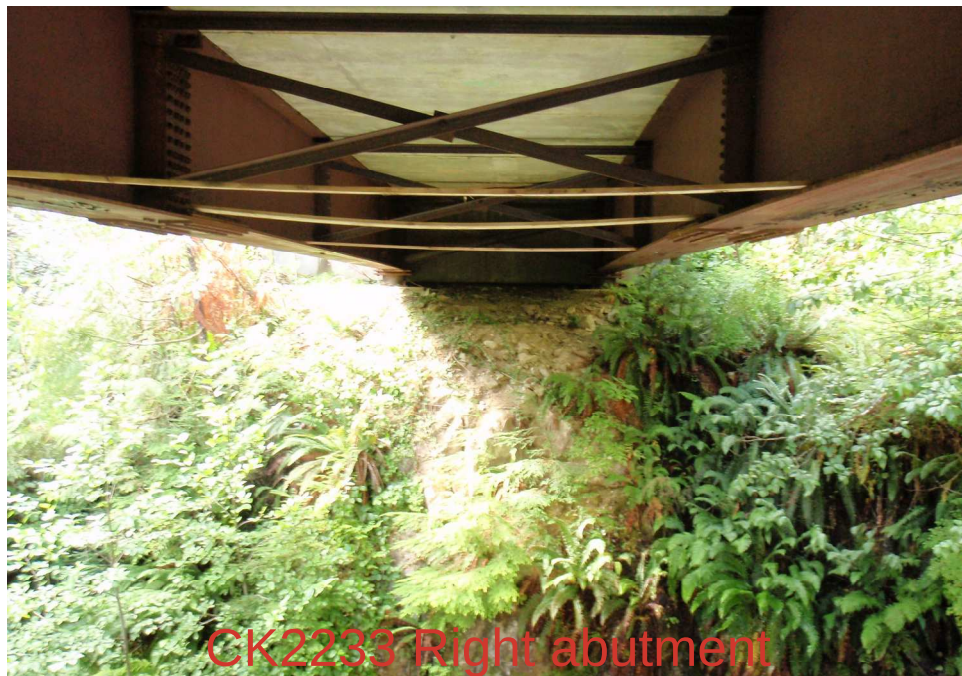


Routine Condition Bridge Inspection Form
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION													
*Site #: CK-2233					*Structure #:								
SUPERSTRUCTURE													
Item	Present Condition (circle)			Comments (a comment is mandatory if condition "Poor" is selected)									
Girders	E (G) F P UR												
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			BOLTED CONNECTIONS									
Welded / Gouged Shear Connectors	E G F P (N/A) UR												
Stream CHANNEL													
*Est. Present Water Level Depth		2 (m)		*Est. Present Water Level Depth		width 10 (m)		*Est. Present Water Level Depth		HWS 8 (m)			
HAZARDS (circle yes or no for each item))													
High Water?	Yes (No)	Scour?	Yes (No)	Ice?	Yes	No	Debris?	Yes	No (No)	Aggradation?	Yes	No (No)	
Comments													
REPAIRS:													
Repair Item #		☐ Priority (circle)		☐ Recommended		☐ Not required (H = High, M = Medium, L = Low)		*Repair Description					
1		(H) M L				POST STRUCTURES LOAD LIMIT. ACTIVE LOGGING							
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						RIGHT ABUTMENT						
	LEFT TO RIGHT						CLOSE UP OF LEFT ABUT						
	WESTERLY						LEFT ABUTMENT						
	DOWNSTREAM						UNDERPILL						
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):					
*Date of Inspection (yyyy/mm/dd)		2010-09-08		*Inspection Company Name		Drs. Le Engineering		*Inspector's Name (print)		AL SADEGH		Inspector's Signature	
Inspector's Comments		141.											
PROFESSIONAL ENGINEER (PENG) TO COMPLETE THIS SECTION													
Current Load Rating GWV (tonnes):				109		Date of Next Planned Inspection (yyyy/mm/dd)							
(PENG to update structure details screen in CBR as necessary)						2013/09/01							
Reviewer Company Name		MERO		Reviewed by - PENG's Name (print)		G. Bohm		Reviewed by - PENG's S		Peng Bohm		Date Reviewed (yyyy/mm/dd)	
												2010/12/06	
PENG Reviewer's Comments: Post at 109 tonnes or L120 design vehicle.													

* Denotes Mandatory Information for Corporate Bridge Register





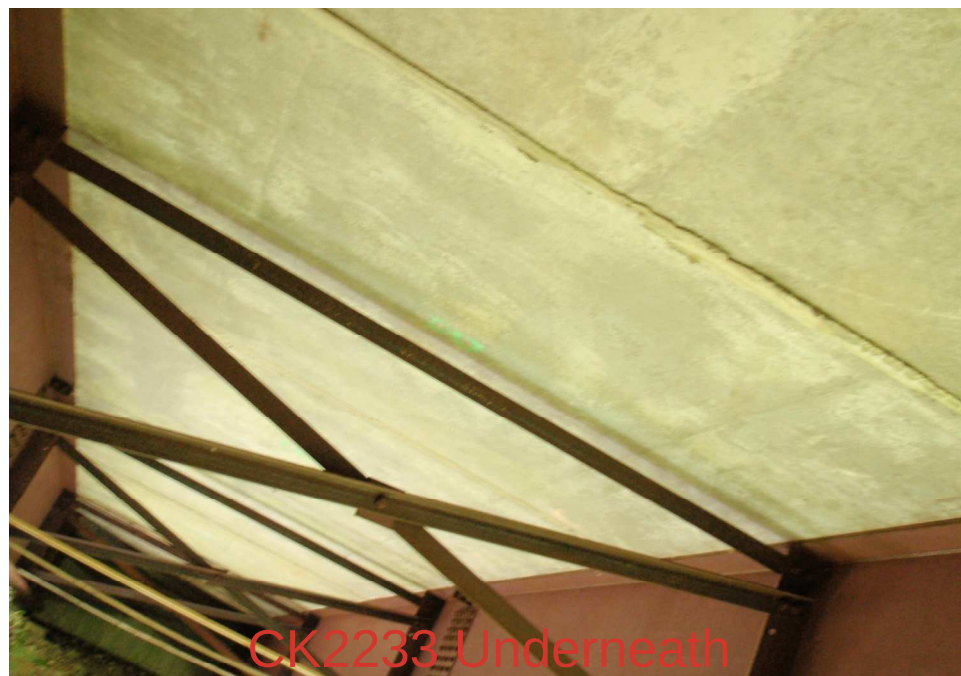
CK2233 Right abutment



CK2233 Pipe risers and spread footing



CK2233 Left abutment



CK2233 Underneath