

Aug 20
(5)

ACTIVE

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

GENERAL	
*Structure #	*Site #: CK - 2146
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: Harrison West	Kilometres: 64.4
*Project File ID#: 6314	*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): <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

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BC Ministry of
Forests and Range

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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]		
Number of Piers: <u>1</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>21.5</u>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">☐ Compo Girders</div> <div style="width: 33%;">☐ Concrete Box Beam</div> <div style="width: 33%;">☐ Rail Car</div> <div style="width: 33%;">☐ Concrete Cast in Place</div> <div style="width: 33%;">☐ Concrete I/T Beam</div> <div style="width: 33%;">☐ Other</div> <div style="width: 33%;">☐ Concrete Slab Girders</div> <div style="width: 33%;">☐ Glulam Girder</div> <div style="width: 33%;">☐ Steel Box Beam</div> <div style="width: 33%;">☒ Steel I-Beam</div> <div style="width: 33%;">☐ Steel Truss/Bailey/Acrow</div> <div style="width: 33%;">☐ Timber-Treated Stringers</div> <div style="width: 33%;">☐ Timber-Untreated Stringers</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>10</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-2146</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>6314</u>		
*Structure #:			*Br. <u>61</u>		
*FSR Name: <u>Harrison Wet</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>64.4</u>	User km:		
Longitude: (ddd / mm / ss.s) <u>49 41 39.5</u>	☒ OR ☐ UTM	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>122 05 43.3</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	<u>ON A VERY TIGHT HORIZONTAL CURVE</u>			
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>(P)</u> P None UR	<u>CAT IN PLACE RISERS WITH W-BEAM. (STEEL)</u>			
Posted Load Rating	(tonnes) or <u>(None)</u>	<u>Not Posted.</u>			
Road Surface	E G F <u>(P)</u> 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 <u>(N/A)</u> UR	<u>3x PIPE RISERS ON EXPOSED SPREAD FOOTING.</u>			
Ballast Wall	E <u>(G)</u> F P <u>(N/A)</u> UR	<u>PRECAST CONCRETE.</u>			
Wing Wall	E G F P <u>(N/A)</u> UR				
Bracing	E <u>(G)</u> F P <u>(N/A)</u> UR				
Hardware	E <u>(G)</u> F P <u>(N/A)</u> UR				
Fill	E G <u>(P)</u> P <u>(N/A)</u> UR	<u>SMALL HOLE ON RIGHT APP.</u>			
Riprap	E G F P <u>(N/A)</u> UR	<u>BED ROCK CONTROLLED.</u>			
Bearings	E <u>(G)</u> F P <u>(N/A)</u> UR	<u>RUBBER PADS.</u>			
Corrosion Protection	E G <u>(P)</u> P <u>(N/A)</u> 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>(P)</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>(P)</u> P <u>(N/A)</u> UR	<u>CONCRETE PANELS.</u>			
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 <u>(G)</u> F P UR	<u>STEEL H-BEAMS</u>			
Handrails/Walkouts	E G F P <u>(N/A)</u> UR				
Hardware	E <u>(G)</u> F P <u>(N/A)</u> UR				
Overall Deck Condition	E G <u>(P)</u> P UR				

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

GENERAL INFORMATION			
*Site #: <u>CL-2146</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	3 X STEEL 1-BEAM	
Diaphragms	E <u>G</u> F P <u>N/A</u> UR		
Bracing	E <u>G</u> F P <u>N/A</u> UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E G F P <u>N/A</u> 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>6</u> (m)	*Est. Present Water Level Depth <u>5</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	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		
	HOLE		
	FROM UPSTREAM		
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>2010-08-20</u>	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments VERY DIFFICULT TO SAFELY ACCESS ABUTMENTS.			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GWV (tonnes): (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd)	
91		2013/09/01	
Reviewer Company Name Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) 2010/10/29
P Eng Reviewer's Comments			

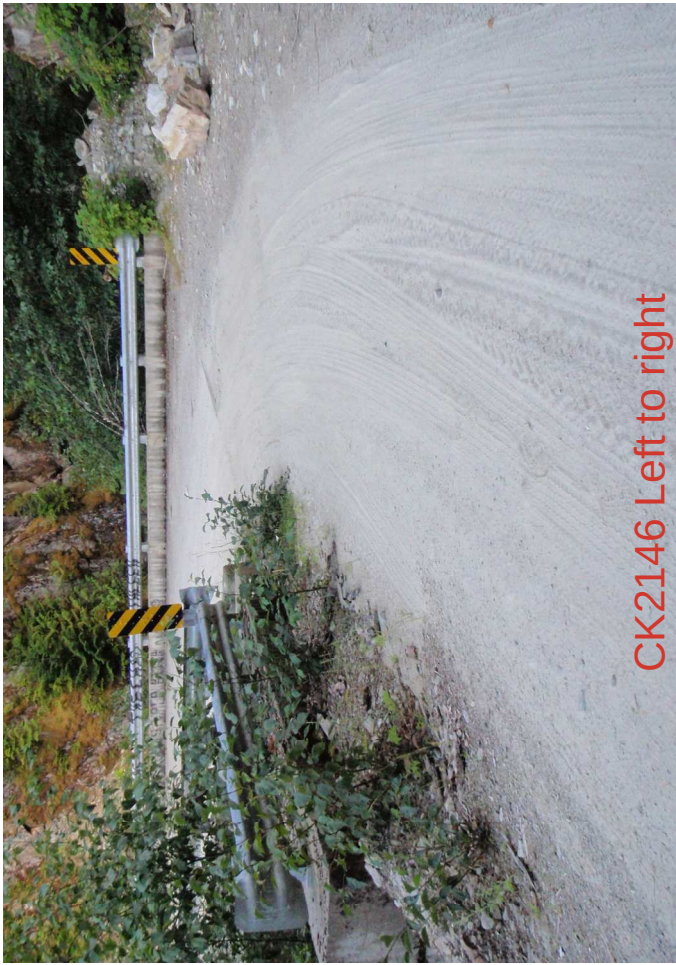
* Denotes Mandatory Information for Corporate Bridge Register



CK2146 Right to left



CK2146 Potholes



CK2146 Left to right

