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ACTIVE

 BC Ministry of Forests and Range	Page 1 of 2 Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"
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GENERAL	
*Structure #	*Site #: CK - 2106
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: HARRISON EAST	Kilometres: 15.4
*Project File ID#: 5748	*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/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☐ New Structure ☐ 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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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] 31.6	
Number of Piers: 1		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): 32.3	*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:			

**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>OK-2106</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>5748</u>		
*Structure #:			*Br. <u>01</u>		
*FSR Name: <u>HAFFSOWN EAST</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>15.4</u>	User km:		
Longitude: (ddd / mm / ss.s) <u>99 27 59.2</u>	☒ OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>121 45 45.7</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				
Bridge Ahead Signs Missing	<u>0</u> 1 2				
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 <u>G</u> F P None UR	<u>No Post Barriers.</u>			
Posted Load Rating	<u>68</u> (tonnes) or None				
Road Surface	E <u>G</u> F P UR	<u>Road graded recently.</u>			
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 <u>F</u> P N/A UR	<u>CAST IN PLACE ON LEFT ABUT.</u>			
Caps or Sills	E G <u>F</u> P N/A UR	<u>CONCRETE CAP ON LEFT ABUT.</u>			
Piles or Posts	E <u>G</u> F P N/A UR	<u>PIPERISECS ON SPREAD FOOTING ON RIGHT ABUT.</u>			
Ballast Wall	E <u>G</u> F P N/A UR	<u>PRECAST CONCR.</u>			
Wing Wall	E G F <u>P</u> N/A UR	<u>DOWN STREAM, RIGHT ABUT. RETAINING WALL: THE TOP ROW OF LOCK BLOCKS ARE NOT LOCK IN PLACE OVER THE BOTTOM LOCK BLOCK, ALSO IT'S 4 HIGH w/ NO GGGGID ON TOP ROW.</u>			
Bracing	E G F P <u>N/A</u> UR				
Hardware	E <u>G</u> F P N/A UR				
Fill	E <u>G</u> F P N/A UR				
Riprap	E <u>G</u> F P N/A UR	<u>LEFT ABUT. BED ROCK CONTROLLED,</u>			
Bearings	E <u>G</u> F P N/A UR				
Corrosion Protection	E <u>G</u> F 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	<u>Concrete pannels.</u>			
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 <u>G</u> F P N/A UR				
Concrete Deck	E <u>G</u> <u>F</u> P N/A UR	<u>10 x Pannels.</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 N/A				
Curb Rail/Blocks/Posts	E <u>G</u> F P UR	<u>STEEL w/ BEAMS w/ steel risers.</u>			
Handrails/ Walkouts	E G F P <u>N/A</u> UR				
Hardware	E <u>G</u> F P N/A UR				
Overall Deck Condition	E G <u>F</u> P UR				

CK-2106



BC Ministry of Forests and Range

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

GENERAL INFORMATION			
*Site #: CK-2106		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR	2 X STEEL L-BEAMS	
Diaphragms	E G F P (N/A) UR		
Bracing	E (G) F P N/A UR	8 X	
Under-trussing	E G F P (N/A) UR		
Hardware	E (G) F P N/A UR		
Welded / Grouted Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0.5 (m)		*Est. Present Water Level Depth WIDTH 8 (m)	*Est. Present Water Level Depth HW 3+ (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	FULL RETAINING WALL DOWNSTREAM RIGHT ABUTMENT.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	RIGHT TO LEFT X 2		FROM UPSTREAM
	LOADING X 2		RIGHT ABUT
	LEFT TO RIGHT		LEFT ABUT
	UNDERNEATH		FULL RETAINING WALL, X 3
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) 2010-08-18	*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 GWV (tonnes): 68 (PEng 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 - PEng's Name (print) G. Dohm	Reviewed by - PEng's Sign: 	Date Reviewed (yyyy/mm/dd) 2010/11/16
PEng Reviewer's Comments: Continue with current load rating. Please send			

* Denotes Mandatory Information for Corporate Bridge Register as-built drawings to Region so we can update CBR and the file. Thanks.



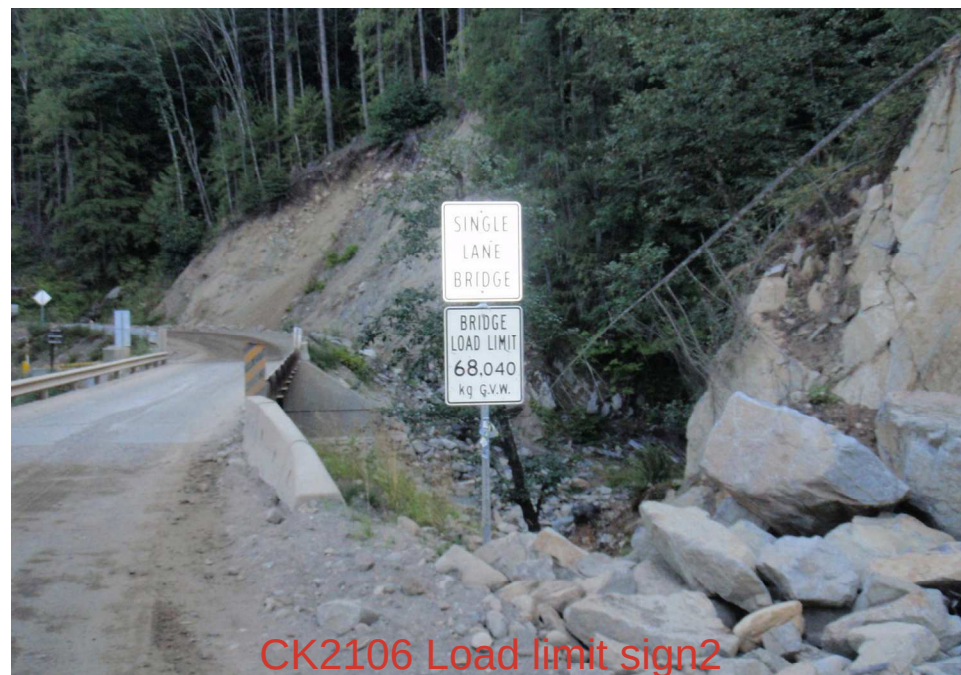
CK2106 Right to left



CK2106 Load limit sign



CK2106 Left to right



CK2106 Load limit sign2



CK2106 From upstream



CK2106 Right abutment



CK2106 Left abutment



CK2106 From downstream.JPGCK2106 From...