

Aug 19
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ACTIVE

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

GENERAL	
*Structure #	*Site #: CK-2196
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: NAHATLAT CH	Kilometres: 4.6
*Project File ID#: 6996	*Br. 0.1
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

CK-2196

BC Ministry of
Forests and Range

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

STRUCTURAL DETAILS			
Number of Spans: 3	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] 16.40, 18.2		
Number of Piers: 2	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): 71.2	*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%;">☐ Log Stringer</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): 4.3
*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>CE-2196</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>6996</u>		*Br. <u>21</u>		
*Structure #:	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>4.6</u>	User km: <u>4.9</u>				
*FSR Name: <u>NAJATLATCH CR</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>4.6</u>	User km: <u>4.9</u>				
Longitude: (ddd / mm / ss.s) <u>49 58 457</u>	☒ OR	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 31 049</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 CURVE				
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		TIES + NO POST BRACK				
Posted Load Rating	<u>68</u> (tonnes) or None						
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; rock blocks, precast)	E G <u>(F)</u> P N/A UR		CAST IN PLACE.				
Caps or Sills	E G F P <u>(N/A)</u> UR						
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G <u>(F)</u> P N/A UR		TREATED TIMBER				
Wing Wall	E G F P <u>(N/A)</u> UR						
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 G F P <u>(N/A)</u> UR						
Bearings	E <u>(G)</u> F P N/A UR		RUBBER PADS				
Corrosion Protection	E G F P <u>(N/A)</u> UR						
Span 1 of <u>3</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		SOME SURFACE DAMAGE				
Grout Pockets	E G <u>(F)</u> P N/A UR						
Deck Joints	E G <u>(F)</u> P N/A 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	<u>metres or N/A</u>						
Curb Rail/Blocks/Posts	E <u>(G)</u> F P UR		NEW FA TIMBER w/ TREATED RIGGS.				
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						

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

GENERAL INFORMATION			
*Site #: <u>CL-296</u>		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P UR	STEEL I-BEAM - HEAVY CORROSION	
Diaphragms	E G <u>(F)</u> P N/A UR		
Bracing	E G <u>(F)</u> P N/A 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>?</u> (m)		*Est. Present Water Level Depth <u>with 20</u> (m)	*Est. Present Water Level Depth <u>20</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		PIER #2
	LOADING		RIGHT ABUT
	LEFT TO RIGHT		PIER #1
	LEFT ABUT		RIGHT ABUT
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>2010-02-19</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): <u>68</u> (PEng to update structure details screen in CBR as necessary)		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	Drawn by - PEng's Name (print) Ali Sadeghi	Date Reviewed (yyyy/mm/dd) 2010/12/02
PEng Reviewer's Comments			

FROM UPSTREAM
BRIDGE NAME

* Denotes Mandatory Information for Corporate Bridge Register

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

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site # <u>CK-2196</u>	Structure #	
Span <u>2</u> of <u>3</u> (spans are numbered consecutively starting from the left abutment)		
DECK		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E G <u>(F)</u> P	
Running Planks	E G F P <u>(N/A)</u>	
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G F P <u>(N/A)</u>	
Nails	E G F P <u>(N/A)</u>	
Deck to Girder Bolts	E G F P <u>(N/A)</u>	
Concrete Deck	E G <u>(F)</u> P <u>(N/A)</u>	SOME SURFACE DAMAGE
Grout Pockets	E G <u>(F)</u> P <u>(N/A)</u>	
Deck Joints	E G <u>(F)</u> P <u>(N/A)</u>	
Anti-skid Surface	E G F P <u>(N/A)</u>	
Gravel Surface	E G F P <u>(N/A)</u>	
Curb Rail/Blocks/Posts	E <u>(G)</u> F P	NEW F2 TIMBER w/ TREATED RISERS
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P <u>(N/A)</u>	
Overall Deck Condition	E G <u>(F)</u> P	
SUPERSTRUCTURE		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G <u>(F)</u> P	2x STEEL - 1 BEAM
Diaphragms	E G F P <u>(N/A)</u>	
Bracing	E G <u>(F)</u> P <u>(N/A)</u>	
Under-trussing	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P <u>(N/A)</u>	
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>	
Concrete	E G F P <u>(N/A)</u>	
Shear Connectors	E G F P <u>(N/A)</u>	
Grout Pockets	E G F P <u>(N/A)</u>	
PIER <u>1</u> of <u>2</u> (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E G <u>(F)</u> P	STEEL.
Piles or Posts	E G <u>(F)</u> P <u>(N/A)</u>	H - BEAMS
Concrete	E G <u>(F)</u> P <u>(N/A)</u>	
Bracing or Sheathing	E G <u>(F)</u> P <u>(N/A)</u>	CAST IN PLACE FOOTING.
Cribs	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P <u>(N/A)</u>	
Rip Rap	E G F P <u>(N/A)</u>	
Dolphins	E G F P <u>(N/A)</u>	
Bearings	E G <u>(F)</u> P <u>(N/A)</u>	RUBBER PADS
Overall	E G <u>(F)</u> P <u>(N/A)</u>	

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

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site #	CK-2196	Structure #
Span <u>3</u> of <u>3</u> (spans are numbered consecutively starting from the left abutment)		
DECK		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface	E G <u>(F)</u> P	
Running Planks	E G F P <u>(N/A)</u>	
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G F P <u>(N/A)</u>	
Nails	E G F P <u>(N/A)</u>	
Deck to Girder Bolts	E G F P <u>(N/A)</u>	
Concrete Deck	E G <u>(F)</u> P N/A	SOME SURFACE DAMAGE
Grout Pockets	E G <u>(F)</u> P N/A	
Deck Joints	E G <u>(F)</u> P N/A	SOME CRACKS IN JOINTS
Anti-skid Surface	E G F P <u>(N/A)</u>	
Gravel Surface	E G F P <u>(N/A)</u>	
Curb Rail/Blocks/Posts	E <u>(G)</u> F P	NEW FH TIMBER W/ TREATED POSTS
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P N/A	
Overall Deck Condition	E G <u>(F)</u> P	
SUPERSTRUCTURE		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G <u>(F)</u> P	2 X STALL 1 - BEAM
Diaphragms	E G F P <u>(N/A)</u>	
Bracing	E G <u>(F)</u> P N/A	HEAVY RUST
Under-trussing	E G F P <u>(N/A)</u>	
Hardware	E G F P <u>(N/A)</u>	
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>	
Concrete	E G F P <u>(N/A)</u>	
Shear Connectors	E G F P <u>(N/A)</u>	
Grout Pockets	E G F P <u>(N/A)</u>	
PIER <u>2</u> of <u>2</u> (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E G <u>(F)</u> P	
Piles or Posts	E G F P <u>(N/A)</u>	
Concrete	E G <u>(F)</u> P N/A	CAST IN PLACE FOOTING
Bracing or Sheathing	E G <u>(F)</u> P N/A	
Cribs	E G F P <u>(N/A)</u>	
Hardware	E G <u>(F)</u> P N/A	
Rip Rap	E G F P <u>(N/A)</u>	
Dolphins	E G F P <u>(N/A)</u>	
Bearings	E G <u>(F)</u> P N/A	
Overall	E G <u>(F)</u> P N/A	



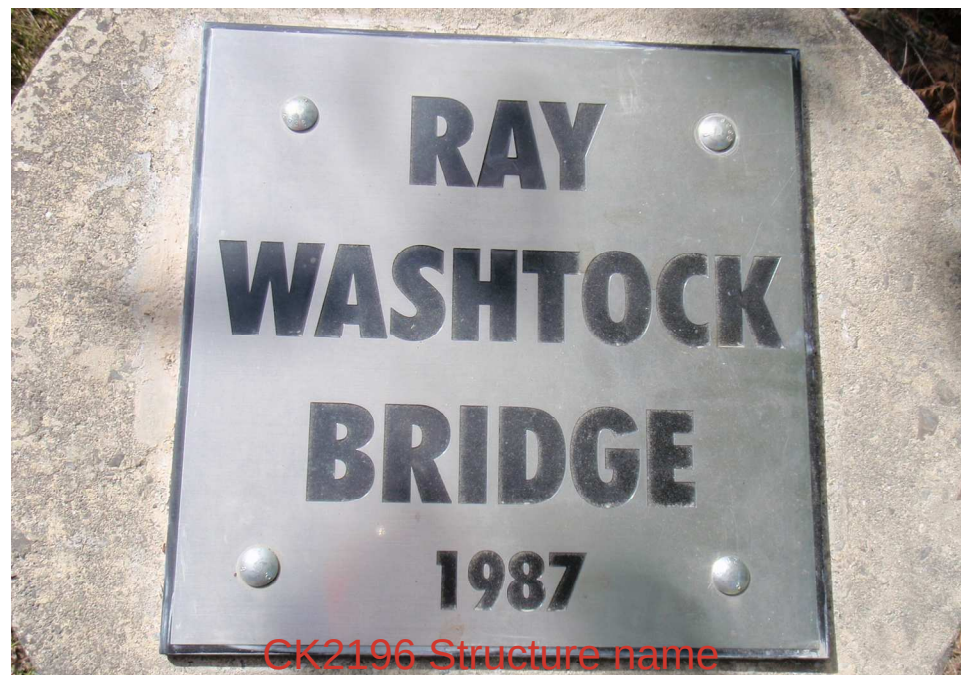
CK2196 Right to left



CK2196 Load limit sign



CK2196 Left to right



CK2196 Structure name



CK2196 right abutment



CK2196 Right abutment 2



CK2196 pier 2



CK2196 pier 1 I



CK2196 From upstream



CK2196 pier 1



CK2196 Left abutment