

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

GENERAL INFORMATION			
*Site #: <u>CK 2371</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	2 x STEEL I-BEAMS	
Diaphragms	E <u>G</u> F P <u>N/A</u> UR		
Bracing	E <u>G</u> F P <u>N/A</u> UR	5X	
Under-trussing	E <u>G</u> F P <u>N/A</u> UR		
Hardware	E <u>G</u> F P <u>N/A</u> UR		
Welded / Grouted Shear Connectors	E <u>G</u> F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>0.2</u> (m)		*Est. Present Water Level Depth <u>25</u> (m) ^{WIDTH}	*Est. Present Water Level Depth _____ (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	<u>H</u> M L		NARROW STRUCTURE SIGNS
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		FROM UPSTREAM
	FROM DOWN STREAM		LEFT TO RIGHT
	RAIL DAMAGE x 3		RIGHT ABUT. x 2
	DETAILS		LEFT ABUT. x 2
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>2010-08-16</u>	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): <u>68</u> (P Eng 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 - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's SI 	Date Reviewed (yyyy/mm/dd) 2010/12/09
P Eng Reviewer's Comments			

* Denotes Mandatory Information for Corporate Bridge Register

**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-2371</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>8240</u>
*Structure #:			*Br. <u>01</u>
*FSR Name: <u>KRIS CRK</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>2.3</u>	User km:
Longitude: (ddd / mm / ss.s) <u>49 27 34.1</u>	☒ OR ☐ UTM	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 15 04.6</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	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	<u>NO POST BARRIERS</u>	
Posted Load Rating	<u>6R</u> (tonnes) or None		
Road Surface	E G F <u>(P)</u> UR	<u>POTHLES ON APPROACHES</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 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 N/A UR	<u>PIPE PILES ON SPREAD FOOTING.</u>	
Ballast Wall	E G <u>(F)</u> P N/A UR	<u>PRECAST CONCR.</u>	
Wing Wall	E G F P <u>(N/A)</u> UR		
Bracing	E G <u>(F)</u> P N/A UR	<u>SMALL BENT ON LEFT APP.</u>	
Hardware	E G <u>(F)</u> P N/A UR		
Fill	E G <u>(F)</u> P N/A UR	<u>POTHLES ON APPROACHES.</u>	
Riprap	E G <u>(F)</u> P N/A UR		
Bearings	E G <u>(F)</u> P N/A UR	<u>RUBBER PADS</u>	
Corrosion Protection	E G <u>(F)</u> P N/A UR		
Span 1 of <u> </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>SOME MECHANICAL DAMAGE FROM TRAIL VEHICLES.</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 G F P <u>(N/A)</u> UR		
Concrete Deck	E G <u>(F)</u> P N/A UR	<u>SEE ABOVE</u>	
Grout Pockets	E G <u>(F)</u> P <u>(N/A)</u> UR	<u>SEDIMENTS ON BRIDGE PANT SEE POCKETS.</u>	
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> </u> metres or N/A		
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR	<u>SOME RAILS ARE DAMAGED. END RAILS ON DOWNSTREAM LOOSE.</u>	
Handrails/Walkouts	E G F P <u>(N/A)</u> UR		
Hardware	E G <u>(F)</u> P N/A UR		
Overall Deck Condition	E G <u>(F)</u> P UR		

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 <p>BC Ministry of Forests and Range</p>		<p>Page 1 of 2</p> <p align="center">Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"</p>	
GENERAL			
*Structure #		*Site #: CK 2371	
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge		Crossing Name:	
*Forest District: Chilliwack		Management Area:	
*Forest Service Road: KA REN CRK		Kilometres: 2.3	
*Project File ID#: 8240		*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:			

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Page 2 of 2

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] <div style="text-align: right;"><u>17.8</u></div>		
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): <div style="text-align: right;"><u>18.4</u></div>	*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): <div style="text-align: right;"><u>4.9*</u></div>
*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:			

* FLAGGED AT ENDS.



CK2371 Right abutment



CK2371 Left abutment 3



CK2371 Right abutment 2



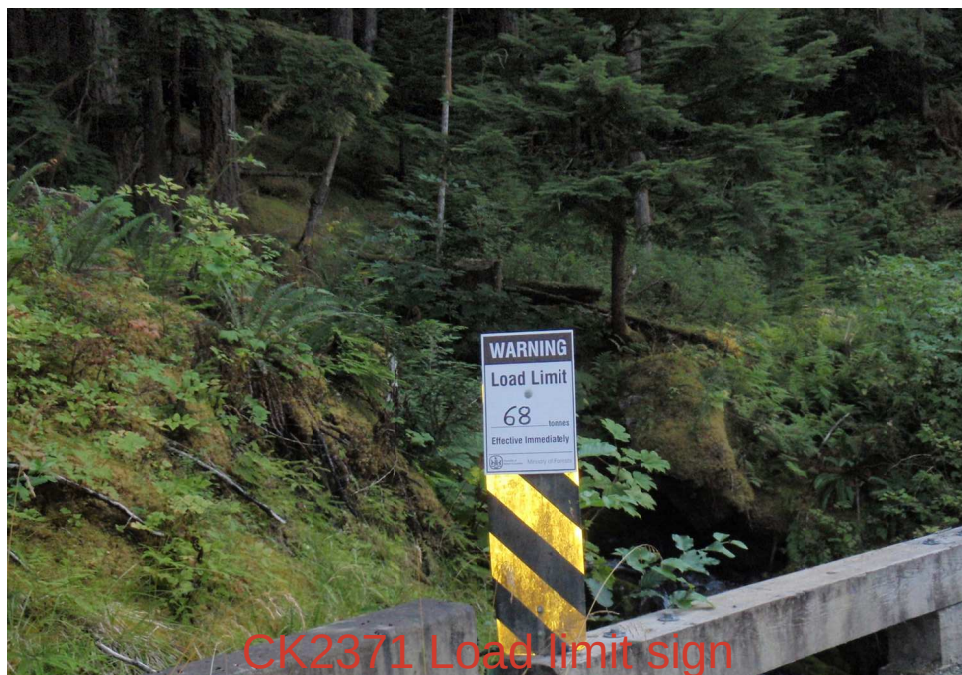
CK2371 Left abutment 2



CK2371 Right to left



CK2371 Left abutment



CK2371 Load limit sign



CK2371 From upstream



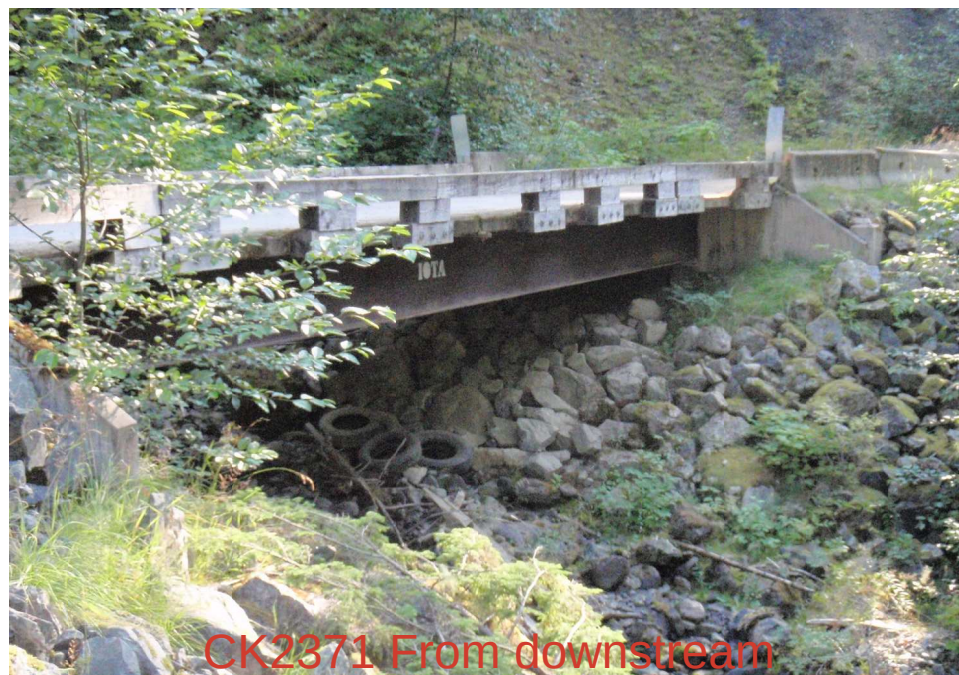
CK2371 Damage rail



CK2371 Left to right



CK2371 Damage rail 3



CK2371 From downstream



CK2371 Damage rail 2