

**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 2139</u>	*Crossing Name: <u>Kirkland Crk</u>	*Type/Class: ☒ Temporary bridge ☐ Permanent bridge	*Project File ID# <u>6314</u>
*Structure #: <u>CK2139</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>42.0</u>	*Br. <u>01</u>
*FSR Name: <u>West Harrison</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>42.0</u>	User km:
Longitude: (ddd / mm / ss.s) <u>121 55 48.6</u>	UTM Zone <u>18R</u>	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>49 35 32</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 P UR	
Bridge Ahead Signs Missing	(0) 1 2	
Brushing Required	(Yes) No	
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E G F P (None) UR	
Posted Load Rating	<u>10.8</u> (tonnes) or None	
Road Surface	E (G) F 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 Crib	E G F P (N/A) UR	
Tie-backs	E G F P (N/A) UR	
Bin Wall	E G F P (N/A) UR	
Concrete (cast in place, lock blocks, precast)	E (G) F P (N/A) UR	RIB Side
Caps or Sills	E (G) F P (N/A) UR	
Piles or Posts	E (G) F P (N/A) UR	LIB Side
Ballast Wall	E (G) F P (N/A) UR	
Wing Wall	E G F P (N/A) UR	
Bracing	E (G) F P (N/A) UR	
Hardware	E (G) F P (N/A) UR	
Fill	E (G) F P (N/A) UR	
Riprap	E (G) F P (N/A) UR	
Bearings	E (G) F P (N/A) UR	
Corrosion Protection	E (G) F 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 F (P) N/A UR	Planks rotten, worn cracking
Running Planks	E G F (P) N/A UR	" "
Sub-deck	E G F P (N/A) UR	
Ties	E G (F) P N/A UR	
Nails	E G (F) P N/A UR	
Deck to Girder Bolts	E (G) F P N/A UR	
Concrete Deck	E G F P (N/A) UR	
Grout Pockets	E G F P (N/A) UR	
Deck Joints	E G F P (N/A) UR	
Steel Deck Plate	E G F P (N/A) UR	
Gravel Surface	E G F P (N/A) UR	
Gravel Deck Depth	metres or (N/A)	
Curb Rail/Blocks/Posts	E G (F) P UR	
Handrails/Walkouts	E G F P (N/A) UR	
Hardware	E G F P (N/A) UR	
Overall Deck Condition	E G (F) P UR	

Timber deck
23.9m

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GENERAL INFORMATION			
*Site #: <u>CK 2139</u>		*Structure #: <u>CK 2139</u>	
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		
Welded / Grouted Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL <u>Width to H/W Clearance 3.0m</u>			
*Est. Present Water Level Depth <u>0.4</u> (m)		*Est. Present Water Level Depth ____ (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		Replace deck ties, guardrails all show signs of rot
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
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): 2021 (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) 2011/11/15	*Inspection Company Name Onsite Eng.	*Inspector's Name (print) Greg Monaghan	Inspector's Signature <i>Greg Monaghan</i>
Inspector's Comments Ltd.			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 41 tonnes (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/30	
Reviewer Company Name MoF	Reviewed by - P Eng's Name (print) T. Miller	Reviewed by - P Eng's Signature <i>T. Miller</i>	Date Reviewed (yyyy/mm/dd) Jan 24, 2012
P Eng Reviewer's Comments Replace ties, subdeck, wear planks, guardrail and			

* Denotes Mandatory Information for Corporate Bridge Register risers in the spring of 2012. Update load rating sign, design load rating is L60 or 54 tonnes. Brush approaches and place log fenders or concrete FS1337B HEG Aug 3, 2010 no post barriers.





CK2139 Deck condition



CK2139 Abutment Left Bank #2



CK2139 Abutment Right Bank



CK2139 Approach Left Bank



CK2139 Abutment Left Bank



CK2139 Crossing Upstream



CK2139 Approach Right Bank