BC Ministry of Forests and Range

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 #: CK-2119	*Crossing Name: Gold Creek	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID#: 5718
*Structure #:			*Br. 01
*FSR Name: Harrison East	*Forest District: CK	*Kilometres:	User km: 54.8

Longitude: (ddd / mm / ss.s) W121° 52' 8.5"	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) N 49° 45' 340"				

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	Logs
Posted Load Rating	136,000 (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 Cribs	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	
Caps or Sills	E (G) F P N/A UR	
Piles or Posts	E (G) F P N/A UR	
Ballast Wall	E (G) F P N/A UR	Concrete
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	Steep deep channel → u/s only
Bearings	E (G) F P N/A UR	
Corrosion Protection	E (G) F P N/A UR	

Span 1 of 1 (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	
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	New
Handrails/ Walkouts	E G F P (N/A) UR	
Hardware	(E) G F P N/A UR	New
Overall Deck Condition	E (G) F P UR	

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GENERAL INFORMATION

*Site #: CK-2114 | *Structure #:

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

*Est. Present Water Level Depth 0.1 (m) | *Est. Present Water Level Width 5 (m) | *Est. High Water Level Clearance 1.5 (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	monitor hairline cracks in girders - mark them to monitor
2	properly

PHOTO LOG

Photo #	Description	Photo #	Description
1	L->R	5	R->L
2	Deck	6	Girder
3	D/S	7	Abutment
4	U/S	8	Left abut

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): 2050

(PEng to review and evaluate inspector's estimate and update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)

*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/08	Onsite Eng.	Jeremy Araki	C. P. ARAKI # 29756 PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 136 tonnes
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2014/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		Jan 12, 2012

PEng Reviewer's Comments
Present load rating of L150 or 136 tonnes to continue.

T. W. MILLER # 35995 PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

* Denotes Mandatory Information for Corporate Bridge Register

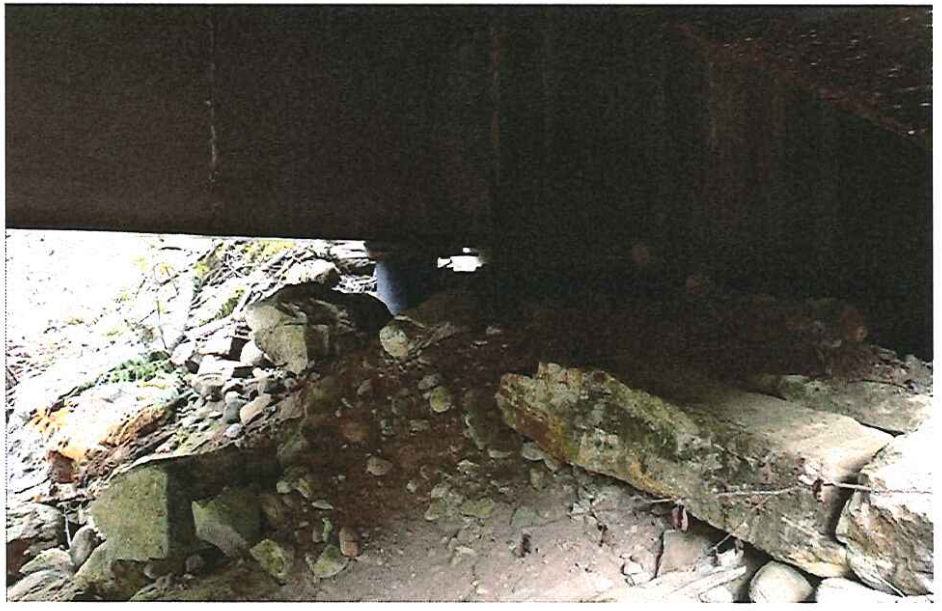
Inspect cracks in girders, mark and monitor if they are increasing over time.

CK2114 Downstream

CK2114 Left to Right Approach

CK2114 Upstream

CK2114 Deck



CK2114 Right Abutment

CK2114 Right to Left Approach

CK2114 Left Abutment

CK2114 Girders

CK2114 Left Abutment Bearing