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 2021	*Crossing Name: Boulder Crk	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 8241
*Structure #: CK2021			*Br. 01
*FSR Name: Chehalis.	*Forest District:	*Kilometres: 10.6.	User km:

Longitude: (ddd / mm / ss.s) 121 54 10.8	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 49 19 28.1				

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	On a curve
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	140.00 (tonnes) or None	
Road Surface	E G F (P) UR	Grading / Patching at approaches

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	
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	New deck.
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	
Overall Deck Condition	E (G) F P UR	

19. On a curve
- Grading / Patching at approaches
- Log Sills for Span
Post and Pad
RIB.
Cast in place
Log sill
4.9m wide
Concrete Comp

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GENERAL INFORMATION

*Site #: CLK 2021 | *Structure #: CLK 2021

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

Width 8m HW2 Clearance = 5m

*Est. Present Water Level Depth	*Est. Present Water Level Depth	*Est. Present Water Level Depth
0.5 (m)	____ (m)	____ (m)

HAZARDS (circle yes or no for each item))

High Water?	Scour?	Ice?	Debris?	Aggradation?
Yes No	Yes No	Yes No	Yes No	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	Left bank cast in place abutment front face of footing has pieces breaking off.
2	no issue now check next inspection.

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): (PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR) 2021

*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/01/17	Onsite Eng Ltd.	Greg Honeyett	Greg Honeyett

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): (PEng to update structure details screen in CBR as necessary)	Date of Next Planned Inspection (yyyy/mm/dd)
136 tonnes	2014/10/31

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		Jan 11, 2012

PEng Reviewer's Comments
Monitor left abutment.

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

* Denotes Mandatory Information for Corporate Bridge Register

Present load rating of L150 or 136 tonnes to continue.

CK-2021Approach Left Bank

CK-2021Abutment Left Bank

CK-2021Approach Right Bank

CK-2021Abutment Right Bank

CK-2021Side View of Abutment Right Bank