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 2129	*Crossing Name: Cartmell Crk	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 60314
*Structure #: CK 2129			*Br. 01
*FSR Name: West Harrison	*Forest District: Chilliwack	*Kilometres: 12.5	User km:

Longitude: (ddd / mm / ss.s) 121 50 44.2 OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 49 24 12.3			

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	69 (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	
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	
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	

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GENERAL INFORMATION

*Site #: CK 2179 | *Structure #: CK 2179

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)	Cannot see det due to snow and ice.

17.8m Concrete Box Beam

Stream CHANNEL width

*Est. Present Water Level Depth 0.5 (m) | *Est. Present Water Level Depth 10 (m) | *Est. Present Water Level Depth ___ (m)

HAZARDS (circle yes or no for each item)) HW clearance 2.5m

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	
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): (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)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/16	Onsite Eng. Ltd.	Greg Honeyset	

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)	
54 tonnes			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 23, 2012

PEng Reviewer's Comments: Present load rating of L60 or 54 tonnes to continue.

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

* Denotes Mandatory Information for Corporate Bridge Register

CK2129 Approach Left Bank

CK2129 Approach

CK2129 Abutment Right Bank

CK2129 Abutment Left Bank #2

CK2129 Crossing Upstream

CK2129 Abutment Left Bank