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 #: CK2042 *Structure #: CK2042	*Crossing Name: Maisal Crk	*Type/Class: ☐ Temporary bridge ☑ Permanent bridge	*Project File ID#: 8241 *Br. 08
*FSR Name: Fleetwood	*Forest District: Chilliwack	*Kilometres: 4.3km	User km:

Longitude: (ddd / mm / ss.s) 122 1 22.9 Latitude: (ddd / mm / ss.s) 49 23 1.5	OR	UTM Zone	UTM Easting	UTM Northing

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	_____(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	Bulging out
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	

Steel Deck - Steel I-Beam
225 Nacel

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GENERAL INFORMATION

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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 10 HW clearance 3.0m

*Est. Present Water Level Depth 0.8(m) | *Est. Present Water Level Depth ____ (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		
2	H M L		
3	H M L		

*Monitoring Status: ☑ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	check bearing pads next inspection.
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)
2021

*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/17	Onsite Eng Ltd.	Greg Honeyset	

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 16, 2012

PEng Reviewer's Comments

Post bridge ahead signs. Replace missing delineators.

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

* Denotes Mandatory Information for Corporate Bridge Register

Monitor bearing pads. Present load rating of L150 or 136 tonnes to continue.

CK-2042 Abutment Right Bank

CK-2042 Abutment Left Bank #2

CK-2042 Approach Left Bank

CK-2042 Abutment Left Bank

CK-2042 Approach Right Bank

CK-2042 Condition of Bearing pads (buldging out)