

**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-2111</u>	*Crossing Name: <u>Big Silver</u>	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>5711</u>
*Structure #: _____			*Br. <u>61</u>
*FSR Name: <u>Hartson East</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>48.9</u>	User km: <u>17.5</u>
Longitude: (ddd / mm / ss.s) <u>W 121° 51' 21.1"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 42' 12.7"</u>			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 <u>(P)</u> F UR	Tight curves on each side
Bridge Ahead Signs Missing	(0) 1 2	
Brushing Required	Yes <u>(No)</u>	
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E <u>(G)</u> F P None UR	on left d/s side only - steel railings
Posted Load Rating	(tonnes) or <u>(None)</u>	
Road Surface	E <u>(G)</u> 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 <u>(N/A)</u> UR	
Tie-backs	E G F P <u>(N/A)</u> UR	
Bin Wall	E G F P <u>(N/A)</u> UR	
Concrete (cast in place; lock blocks, precast)	E <u>(G)</u> F P N/A UR	CIP ON LEFT
Caps or Sills	E <u>(G)</u> F P N/A UR	
Piles or Posts	E <u>(G)</u> F P N/A UR	Left abut. posts cast in place, Right abut. unsat. for close inspection
Ballast Wall	E <u>(G)</u> F P N/A UR	
Wing Wall	E <u>(G)</u> F P N/A UR	LEFT D/S, LOCK BLOCKS & C.I.P.
Bracing	E G F P <u>(N/A)</u> UR	
Hardware	E <u>(G)</u> F P N/A UR	
Fill	E <u>(G)</u> F P N/A UR	
Riprap	E G F P <u>(N/A)</u> UR	
Bearings	E <u>(G)</u> F P N/A UR	
Corrosion Protection	E <u>(G)</u> 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 <u>(G)</u> F P N/A UR	
Running Planks	E G F P <u>(N/A)</u> UR	
Sub-deck	E G F P <u>(N/A)</u> UR	
Ties	E G F P <u>(N/A)</u> UR	
Nails	E G F P <u>(N/A)</u> UR	
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR	
Concrete Deck	E <u>(G)</u> F P N/A UR	
Grout Pockets	E <u>(G)</u> F P N/A UR	
Deck Joints	E <u>(G)</u> F P N/A UR	
Steel Deck Plate	E G F P <u>(N/A)</u> UR	
Gravel Surface	E G F P <u>(N/A)</u> UR	
Gravel Deck Depth	metres or <u>(N/A)</u>	
Curb Rail/Blocks/Posts	E G <u>(F)</u> P UR	UNREINFORCED TIMBER
Handrails/ Walkouts	E G F P <u>(N/A)</u> UR	
Hardware	E <u>(G)</u> F P N/A UR	
Overall Deck Condition	E <u>(G)</u> F P UR	

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*Site #: <u>CK-2111</u>		*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 <u>1.5</u> (m)		*Est. Present Water Level Width <u>1</u> (m)	*Est. High Water Level Clearance <u>10</u> (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			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	L to R	5	R to L
2	From d/s	6	From d/s right
3	Under-trussing		
4	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): <u>2050</u> (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) <u>2011/11/08</u>	*Inspection Company Name <u>Onsite Eng</u>	*Inspector's Name (print) <u>Jeremy Araki</u>	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>109</u> tonnes (P Eng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) <u>2014/09/30</u>	
Reviewer Company Name <u>MoF</u>	Reviewed by - P Eng's Name (print) <u>T. Miller</u>	Reviewed by - P Eng's Signature 	Date Reviewed (yyyy/mm/dd) <u>2012/03/28</u>
P Eng Reviewer's Comments <u>L120 or 109 tonnes load rating.</u>			

* Denotes Mandatory Information for Corporate Bridge Register



CK2111 From Downstream



CK2111 From Downstream Right



CK2111 undertrussing



CK2111 Left to Right Approach



CK2111 Right Abutment



CK2111 Left Abutment



CK2111 Right to Left Approach