

ck2053

BC Ministry of
Forests and Range

Page 2 of 2

Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS			
Number of Spans:		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 23 ⁹	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): 24 ⁵	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Concrete Slab Girders ☐ Glulam Girder ☐ Log Stringer ☐ Other ☐ Rail Car ☐ Steel Box Beam ☒ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers		
*Deck Type: ☒ Concrete ☐ Concrete Composite ☐ Concrete Removable ☐ Gravel ☐ Other ☐ Steel ☐ Steel Free ☐ Timber-Treated ☐ Timber-Treated Panels ☐ Timber-Untreated ☐ Timber-Untreated Panels		*Deck Width (metres): 4 ³	
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☒ Concrete ☐ Gravel ☐ N/A ☐ Timber Planks			
*Left Abutment: ☐ Binwall ☒ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat		*Right Abutment: ☐ Binwall ☒ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☐ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat	
Comments:			

**Routine Condition Bridge Inspection Form**
(except for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either long/lat or UTM - not both)		
Site # <u>CK 2053</u>		Structure # <u>CK 2053</u>				
FSR Name <u>LIVMCHEN CRIC FSR</u>		User km <u>03</u>	Project File ID <u>5127</u>		Branch <u>02</u>	
Longitude: (ddd / mm / ss.s) <u>49 04 15.3</u>		OR		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 50 24.6</u>						
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.						
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)				
Alignment	E <u>(G)</u> F P					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	<u>(Yes)</u> No	<u>MINOR BRUSHING D/S CAMP APP.</u>				
Delineator Missing Left	<u>(0)</u> 1 2					
Delineator Missing Right	<u>(0)</u> 1 2					
Fender Condition	E <u>(G)</u> F P None	<u>NO POST BARRIERS</u>				
Posted Load Rating (tonnes)	<u>-</u>	<u>NIT POSTED.</u>				
Road Surface	E <u>(G)</u> F P					
LEFT/RIGHT ABUTMENTS (as seen facing downstream)						
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)				
Log/Timber Crib	E G F P <u>(N/A)</u>					
Tie-backs	E G F P <u>(N/A)</u>					
Bin Wall	E G F P <u>(N/A)</u>					
Precast Concrete	E G F P <u>(N/A)</u>					
Caps or Sills	E <u>(G)</u> F P	<u>CAST IN PLACE FOOTINGS.</u>				
Piles or Posts	E G F P <u>(N/A)</u>					
Ballast Wall	E <u>(G)</u> F P	<u>TREATED TIMBER.</u>				
Wing Wall	E <u>(G)</u> F P N/A					
Bracing	E <u>(G)</u> F P N/A	<u>PRECAST CONCR.</u>				
Hardware	E <u>(G)</u> F P N/A					
Fill	E <u>(G)</u> F P					
Riprap	E <u>(G)</u> F P N/A	<u>BEDROCK CONTROLLED ON WORDS, RIP RAP ON CAMP.</u>				
Bearings	E <u>(G)</u> F P					
Corrosion Protection	E G F P <u>(N/A)</u>					
Span 1 of <u>1</u> (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	E <u>(G)</u> F P					
Running Planks	E G F P <u>(N/A)</u>					
Sub-deck	E G F P <u>(N/A)</u>					
Ties	E G F P <u>(N/A)</u>					
Nails	E G F P <u>(N/A)</u>					
Deck to Girder Bolts	E G F P <u>(N/A)</u>					
Concrete Deck	E <u>(G)</u> F P N/A	<u>LOOKS VERY NEW</u>				
Grout Pockets	E G F P <u>(N/A)</u>					
Deck Joints	E G F P <u>(N/A)</u>					
Anti-skid Surface	E G F P <u>(N/A)</u>					
Gravel Surface	E G F P <u>(N/A)</u>					
Curb Rail/Blocks/Posts	<u>(E)</u> G F P	<u>STEEL</u>				
Handrails/Walkouts	E G F P <u>(N/A)</u>					
Hardware	E <u>(G)</u> F P N/A					
Overall Deck Condition	E <u>(G)</u> F P					

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(except for log stringer or timber stringer bridges)

GENERAL INFORMATION			
Site # <u>CK2053</u>		Structure # <u>CK2053</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)	
Girders	E G <u>(F)</u> P	<u>VERY RUSTY, STARTING TO PEEL</u>	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E <u>(G)</u> F P <u>(N/A)</u>		
Under-trussing	E G F P <u>(N/A)</u>		
Hardware	E <u>(G)</u> F P <u>(N/A)</u>		
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>		
Concrete	E G F P <u>(N/A)</u>		
Shear Connectors	E G F P <u>(N/A)</u>		
Grout Pockets	E G F P <u>(N/A)</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>D5</u>		Est. Present Water Level Width (m) <u>130</u>	Est. High Water Level Clearance (m) <u>33</u>
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>(No)</u>	Scour?	Yes <u>(No)</u>
Ice?	Yes <u>(No)</u>	Debris?	Yes <u>(No)</u>
Aggradation?	Yes <u>(No)</u>		
Comments			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M L		
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>W TO C</u>		<u>CAMP ABUT</u>
	<u>UIS</u>		<u>RUST X 3</u>
	<u>D/S</u>		<u>FROM UIS</u>
	<u>C TO W</u>		<u>WOODS ABUT</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>(No)</u>		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-19</u>
Inspection Company Name <u>FIRST E INC - E 910</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>64t (CL625)</u>		Date of Next Inspection	
Reviewer Company Name <u>MFR</u>	Reviewed by - P Eng's Name (print) <u>L. Stevanovic</u>	Reviewed by - P Eng's Signature Digitally signed by L. Stevanovic Date: 2009.12.24 09:01:50 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments			