

ACTIVE



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

GENERAL	
*Structure #	*Site #: CK-2168
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST CRK FSR	Kilometres: 8.6
*Project File ID#: 8466	*Br. 01
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road ☐ Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure ☐ Other Ministries ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK2168

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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] 20.5	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:			
*Bridge Length (metres): 21.4	*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):	
*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 longlat or UTM - not both)			
Site #	CK2168		Structure #				
FSR Name	LOST CREEK BR	User km	8.6	Project File ID	8466	Branch	01
Longitude: (ddd / mm / ss.s)	49 20 28.6	OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)	122 14 27.3						
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 G <u>F</u> P						
Bridge Ahead Signs Missing	0 <u>1</u> 2						
Brushing Required	<u>Yes</u> No	DELINEATOR POORLY VISIBLE					
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	CONCRETE NO POST					
Posted Load Rating (tonnes)	-	NOT PICKED					
Road Surface	E G F <u>P</u>	LARGE POTHOLES					
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	RUBBER BEAR. PADS					
Piles or Posts	E <u>G</u> F P N/A	PIPE RIGGS ON SPREAD FOOT.					
Ballast Wall	E <u>G</u> F P	CONCR. BAL. WALL					
Wing Wall	E G F P <u>N/A</u>						
Bracing	E <u>G</u> F P N/A						
Hardware	E <u>G</u> F P N/A						
Fill	E G F <u>P</u>	LARGE POTHOLES ON APPROACHES					
Riprap	E <u>G</u> F P N/A						
Bearings	E <u>G</u> F P						
Corrosion Protection	E <u>G</u> F P N/A						
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	E G <u>F</u> P	SOME MECH. DAMAGE.					
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 G <u>F</u> P N/A						
Grout Pockets	E G <u>F</u> P N/A						
Deck Joints	E G <u>F</u> P N/A						
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	E G <u>F</u> P	TIMBER UNPROTECTED					
Handrails/Walkouts	E G F P <u>N/A</u>						
Hardware	E <u>G</u> F P N/A						
Overall Deck Condition	E G <u>F</u> P						

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

GENERAL INFORMATION			
Site # <u>rk0168</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P	STEEL 1-BPMMS X2	
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>5.0</u>		Est. Present Water Level Width (m) <u>0.3</u>	Est. High Water Level Clearance (m) <u>1.6</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
	LEFT TO RIGHT		LEFT ABUT.
	RIGHT TO LEFT		FROM D/S
	POT HOLES		FROM UP STREAM
	RIGHT ABUT		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	Date of Inspection (yyyy/mm/dd) <u>2014-08-07</u>
Inspection Company Name <u>Onsite Engineering Ltd.</u>		Inspector's Name (print) <u>ALI SADEGH</u>	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (P.Eng.) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): <u>68</u>		Date of Next Inspection <u>2013/09/01</u>	
Reviewer Company Name <u>MNRO</u>	Reviewed by - P.Eng.'s Name (print) <u>G. Dohm</u>	Reviewed by - P.Eng.'s Signature 	Date Reviewed (yyyy/mm/dd) <u>2010/11/30</u>
Comments			



CK2168 Right to left



CK2168 Left to right



CK2168 Right abutment



CK2168 Potholes



CK2168 From upstream



CK2168 Left abutment



CK2168 From downstream