

ACTIVE

BC Ministry of
Forests and Range

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

GENERAL	
*Structure #	*Site #: CK - 2102
*Type/Class: ☐ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: FLORENCE - ROLLYA	Kilometres: 0.2
*Project File ID#: 8648	*Br. 02
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

CK 2102

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS

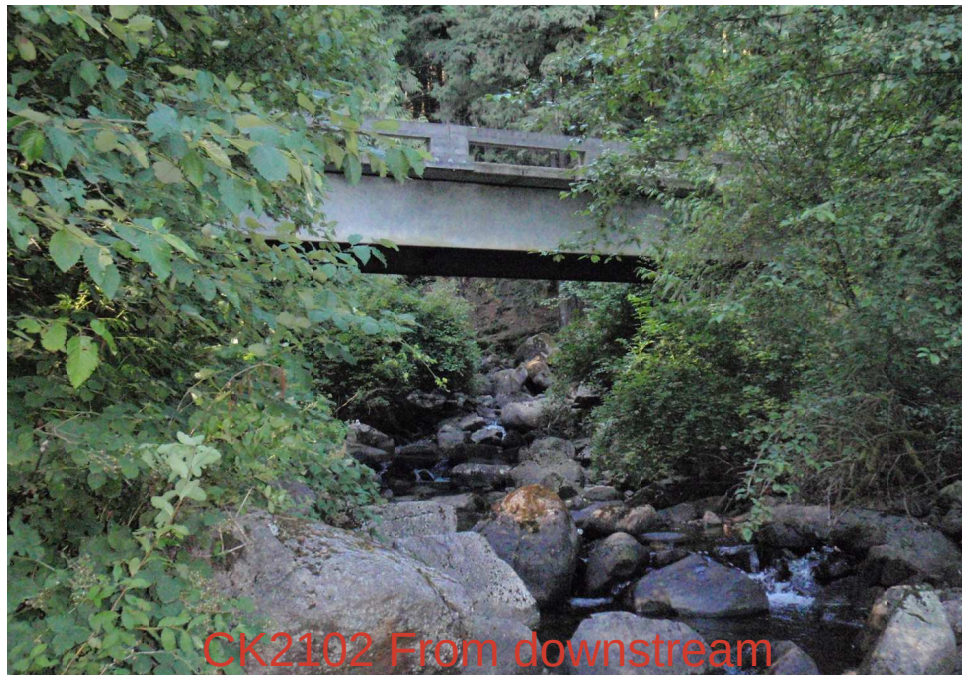
Number of Spans: 1		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 17.6	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:			
*Bridge Length (metres): 18.6	*Superstructure: ☐ Compo Girders ☐ 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): 6.1	
*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 #	CK2102	Structure #		
FSR Name	FLORENCE ROCKY	User km	0.9	Project File ID 8648
Longitude: (ddd / mm / ss.s)	49 18 42.6	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s)	122 19 20.0			UTM Northing
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 F (P)	LIMITED VISIBILITY DUE TO VERTICAL & HORIZONTAL ALIGNMENT		
Bridge Ahead Signs Missing	0 1 (2)			
Brushing Required	Yes (No)			
Delinicator Missing Left	(0) 1 2			
Delinicator Missing Right	(0) 1 2			
Fender Condition	E G (F) P None	NO TIE BACKS + LOGS		
Posted Load Rating (tonnes)	—	NOT POSTED		
Road Surface	E (G) F P	ROAD FREQUENTLY GRADE		
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)			
Tie-backs	E G F P (N/A)			
Bin Wall	E G F P (N/A)			
Precast Concrete	E G F P (N/A)			
Caps or Sills	E (G) F P	RUBBER PADS		
Piles or Posts	E (G) F P (N/A)	PILE RIGID & SPREAD FOOT.		
Ballast Wall	E (G) F P	INJECT CONCR.		
Wing Wall	E G F P (N/A)			
Bracing	E (G) F P (N/A)			
Hardware	E (G) F P (N/A)			
Fill	E (G) F P			
Riprap	E (G) F P (N/A)	WELL PIP RATED		
Bearings	E G (F) P	SOME OF RUBBER PADS BUILDING UP		
Corrosion Protection	E (G) 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) F P			
Running Planks	E G F P (N/A)			
Sub-deck	E G F P (N/A)			
Ties	E G F P (N/A)			
Nails	E G F P (N/A)			
Deck to Girder Bolts	E G F P (N/A)			
Concrete Deck	E (G) F P (N/A)			
Grout Pockets	E (G) F P (N/A)			
Deck Joints	E G (F) P (N/A)	SOME CRACKS E & F FOUND		
Anti-skid Surface	E G F P (N/A)			
Gravel Surface	E G F P (N/A)			
Curb Rail/Blocks/Posts	E (G) F P	TIMBER FAIL.		
Handrails/Walkouts	E G F P (N/A)			
Hardware	E (G) F P (N/A)			
Overall Deck Condition	E (G F) P			

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

GENERAL INFORMATION			
Site # <u>CK 2102</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition 'Poor' is selected)	
Girders	E G <u>(F)</u> P	<u>WEATHERING STEEL 1 1/2 BEAMS x 2</u>	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G <u>(F)</u> P <u>(N/A)</u>	<u>SOME RUST</u>	
Under-trussing	E G F P <u>(N/A)</u>		
Hardware	E G F P <u>(N/A)</u>		
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>		
Concrete	E <u>(G)</u> F P <u>(N/A)</u>		
Shear Connectors	E G F P <u>(N/A)</u>		
Grout Pockets	E <u>(G)</u> F P <u>(N/A)</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>5</u>		Est. Present Water Level Width (m) <u>0.5</u>	Est. High Water Level Clearance (m) <u>3.0</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	<u>(H)</u> M L		<u>NARROW STRUCTURE SIGN.</u>
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>LEFT TO RIGHT</u>		<u>RIGHT ABUT X2</u>
	<u>RIGHT TO LEFT</u>		<u>LEFT ABUT.</u>
	<u>FROM DOWNSTREAM</u>		
	<u>FROM UPSTREAM</u>		
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>2010-08-11</u>
Inspection Company Name <u>Onsite Engineering Ltd.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GWW (tonnes): <u>54</u>		Date of Next Inspection <u>2013/09/01</u>	
Reviewer Company Name <u>MNRO</u>	Reviewed by - PEng's Name (print) <u>G. Dohm</u>	Reviewed by - PEng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2010/11/23</u>
Comments			



CK2102 From downstream



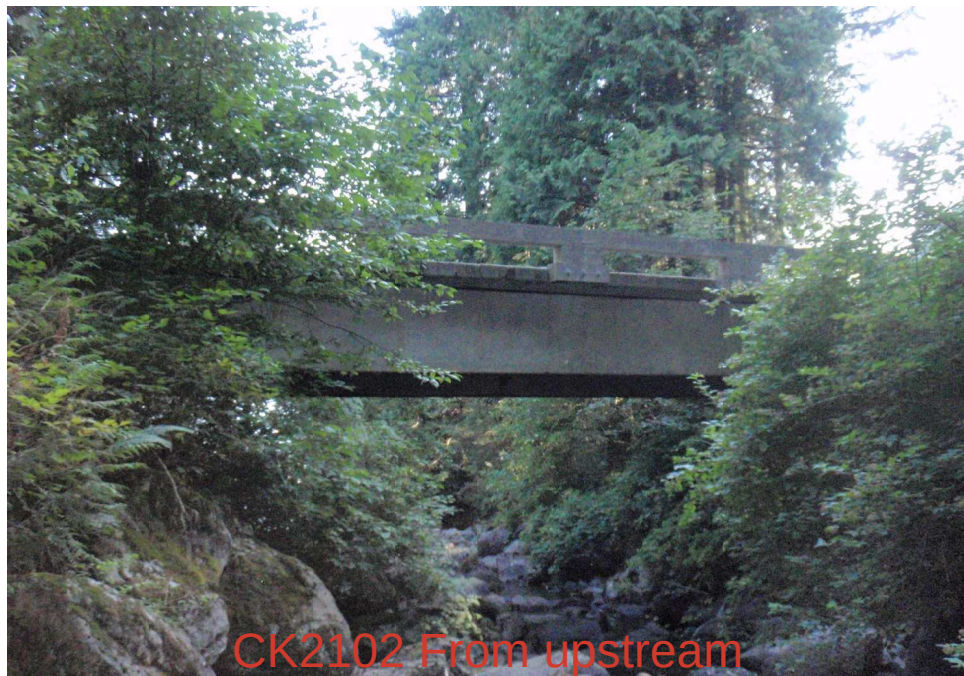
CK2102 Left to right



CK2102 Right abutment



CK2102 Right to left



CK2102 From upstream



CK2102 Right abutment2



CK2102 Left abutment