

ck2473



BC Ministry of
Forests and Range

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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] 11.9	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): 11.9	*Superstructure: <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☒ Concrete Slab Girders ☐ Log Stringer ☐ Rail Car ☐ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 48%;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Other ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </div> </div>		
*Deck Type: ☒ Concrete ☐ Concrete Removable ☐ Other ☐ Steel Free ☐ Timber-Treated Panels ☐ Timber-Untreated Panels		☐ Concrete Composite ☐ Gravel ☐ Steel ☐ Timber-Treated ☐ Timber-Untreated	*Deck Width (metres): 8.1
*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 #	Ck2473		Structure #	
FSR Name	Chehalis Boulder FSR	User km	3.0	Project File ID 8241 Branch 17
Longitude: (ddd / mm / ss.s)	121°59'54.5"	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s)	49°18'43.3"			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			
Bridge Ahead Signs Missing	0 1 2			
Brushing Required	Yes No	Minor Brushing 2/3 Required		
Delineator Missing Left	0 1 2			
Delineator Missing Right	0 1 2			
Fender Condition	E G F P None	old logs.		
Posted Load Rating (tonnes)	N/A	not posted.		
Road Surface	E G F P	Small pothole camp approach		
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 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	Footings: Precast		
Caps or Sills	E G F P			
Piles or Posts	E G F P N/A			
Ballast Wall	E G F P	Concrete footing + ballast wall are ok.		
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	V/S camp side scarring.		
Riprap	E G F P N/A			
Bearings	E G F P	Rubber pads		
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	Minor Tracked Vehicle Damage		
Grout Pockets	E G F P N/A			
Deck Joints	E G F P N/A			
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	V/S camp side user struck by debris flow		
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>CKA473</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G (F) P	concrete slab (see note below)	
Diaphragms	E G F P (N/A)		
Bracing	E G F P (N/A)		
Under-trussing	E G F P (N/A)		
Hardware	E G F P (N/A)		
Cracks/Checks in Glulam Girders	E G F P (N/A)		
Concrete	E (G) F P (N/A)	1m wide 50cm deep x 8 concrete slabs, 5 th from v/s has minor honeycombing.	
Shear Connectors	E (G) F P (N/A)	Only high water event bridge was struck; approx 40cm fracture 1 st v/s slab; rebar exposed.	
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m) <u>0</u>		Est. Present Water Level Width (m) <u>0</u>	Est. High Water Level Clearance (m) <u>0.3</u>
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 <u>Crossing on stream with high debris movement potential. Crossing has recently been plugged and damaged on 1st v/s slab. Currently there is clearance, but logs jammed at camp side and evidence of bedload on crossing.</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	(H) M L		Remove debris camp abutment for HW clearance.
2	H (M) L		Fix concrete fracture on 1 st v/s slab
3	H M (L)		Repair one of risers on guardrail → new v/s camp abutment.
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	wood to camp		camp abutment
	v/s		concrete abutment
	v/s		log jam
	camp to wood		honeycombing 5 th slab from v/s
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)		P Eng Inspection Required? Yes No	
Inspection Company Name <u>FIX SITE ENGINEERING & GEOSCIENCE LTD</u>		Date of Inspection (yyyy/mm/dd) <u>2001-10-05</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 GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
Comments			

CAMP RIGHT
WOODS LEFT

fracture on slab
damaged riser
from v/s