

Ck2312

BC Ministry of
Forests and Range

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Bridge Register

Structure Inventory Data Form

BRIDGES

STRUCTURAL DETAILS			
Number of Spans: <u>1</u>		Needle Beams? ☐ Yes ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] <u>16.4m</u>	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <u>16.4m</u>	*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): <u>4.3m</u>	
*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 #	CK2312		Structure #	CK2312		
FSR Name	weaver Lake		User km	2.6	Project File ID	6261
Longitude: (ddd / mm / ss.s)	49°20'48.1 N		OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)	121°52'03.9					
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	Minor Brushing				
Delineator Missing Left	0 <u>1</u> 2					
Delineator Missing Right	0 <u>1</u> 2					
Fender Condition	E G <u>F</u> P None	Missing D/S Both Approaches				
Posted Load Rating (tonnes)		No Signs Posted				
Road Surface	E G F <u>P</u>	Gravel Required, Potholes both Approaches				
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>					
Tie-backs	E G F P <u>N/A</u>					
Bin Wall	E G F P <u>N/A</u>					
Precast Concrete	E <u>G</u> F P N/A	Cast in Place Footing				
Caps or Sills	E <u>G</u> F P	CONCR. CAPS (PRECAST)				
Piles or Posts	E G F P <u>N/A</u>					
Ballast Wall	E G F P	Treated Timber 2 x 7" x 12" on each abutment				
Wing Wall	E G <u>F</u> P N/A	Rotting Logs				
Bracing	E G F P <u>N/A</u>					
Hardware	E G F P <u>N/A</u>					
Fill	E <u>G</u> F P					
Riprap	E <u>G</u> F P N/A					
Bearings	E <u>G</u> F P	Rubber Pads				
Corrosion Protection	E G F P <u>N/A</u>					
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 <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					
Grout Pockets	E <u>G</u> F P <u>N/A</u>					
Deck Joints	E <u>G</u> F 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	<u>E</u> G F P	Brand New Non-Treated Timber				
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					

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

GENERAL INFORMATION			
Site # <u>CK 2312</u>		Structure # <u>CK 3312</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>(G)</u> F P	4 X Concrete SCAB Girders	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G F P <u>(N/A)</u>		
Under-Bracing	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 G F P <u>(N/A)</u>		
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>3.2</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 <u>No water present @ time of inspection</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M <u>(L)</u>		Delineators, Narrow Stripes & Load Limit Signs to be Added
2	H M <u>(L)</u>		Grade road + fix potholes
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	W to C		comp abutt
	V/S		wound abutt
	N/S		from N/S
	C to W		
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>2009-10-06</u>
Inspection Company Name <u>GULITE ENGINEERING & GEOSCIENCE LTD.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments <u>The road (~2.6 km) to the crossing is in a very poor condition. Major surface scour. Ditching, water bars are required.</u>			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>L60</u>		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.13 08:54:57 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments			

WOODS: RIGHT
CAMP: LEFT