

ck2121

ACTIVE



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]

Portable Structure?

☒ Yes☐ NoPortable Superstructure
Status:☒ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):

50'

*Superstructure:

☐ Compo Girders☐ Concrete Cast in Place☐ Concrete Slab Girders☐ Log Stringer☐ Rail Car☐ Steel I-Beam☐ Timber-Treated Stringers☐ Concrete Box Beam☐ Concrete I/T Beam☐ Glulam Girder☐ Other☒ Steel Box Beam☐ Steel Truss/Bailey/Acrow☐ Timber-Untreated Stringers

*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):

4.9

*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 #	CK-2121	Structure #	
FSR Name	SEAR CREEK FSR	User km	7P
Project File ID		Branch	
Longitude: (ddd / mm / ss.s)	49 27 12.9	OR	
Latitude: (ddd / mm / ss.s)	N 1 42 03.7	UTM Zone	
		UTM Easting	
		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	TIGHT FOR CURVE
Bridge Ahead Signs Missing	0 1 2	
Brushing Required	Yes No	
Delineator Missing Left	0 1 2	
Delineator Missing Right	0 1 2	
Fender Condition	E G F P None	LOAS
Posted Load Rating (tonnes)		NOT POSTED, BUT STAMPED ON DIRT-STEEL STRUCTURE
Road Surface	E G F P	AS L-75

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	2x OPEN FACED CRIB - HOLDING RACK
Tie-backs	E G F P N/A	3x ROTTEN
Bin Wall	E G F P N/A	
Precast Concrete	E G F P N/A	
Caps or Sills	E G F P	TIMBER
Piles or Posts	E G F P N/A	
Ballast Wall	E G F P	TIMBER
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	NONE
Bearings	E G F P	
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	
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	STEEL
Handrails/Walkouts	E G F P N/A	
Hardware	E G F P N/A	
Overall Deck Condition	E G F P	

FILL, NOT
STRUCTURAL
ROTTEN.
CRIB BEING
ACTUALLY SCORPED
DUE TO LACK
OF RIP RAP

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

GENERAL INFORMATION			
Site # 2121		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F P		
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		
Shear Connectors	E G F P N/A		
Grout Pockets	E G F P N/A		
CHANNEL			
Est. Present Water Level Depth (m)	0.2	Est. Present Water Level Width (m)	5.2
		Est. High Water Level Clearance (m)	4.9
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 CRB BEING SCOURED			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M L		DEL., LOAD, NAB. STP. SIGN.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	MONITOR CRB		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	C TO W		CARD ABUT
	D/S		FROM D/S
	W/R		W/D ABUT.
	W Tag		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes No	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd)	
		2009-10-23	
Inspection Company Name PER SITE ENGINEERING & GEOSCIENCE LTD	Inspector's Name (print) Al: Stevanovic	Inspector's Signature AR	
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes):	No data	Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) L. Stevanovic	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
		Digitally signed by L. Stevanovic Date: 2010.01.12 16:16:06 -08'00'	
Comments Steel bridge over the old log bridge. no data of steel bridge. Recommend abutments replacement due to scour and rot.			