

ck2452

BC Ministry of
Forests and Range

Page 2 of 2

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] 17.04	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:			
*Bridge Length (metres): 18.24	*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): 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: Both Abutments on Cast in Place Footings Sill log on 2 High Concrete Lock Blocks			

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

(enter either long/lat or UTM - not both)

Site #	ck2452	Structure #	
FSR Name	Nunish Creek	User km	8.2
Project File ID	10326	Branch	01
Longitude: (ddd / mm / ss.s)	122°08'05.8"	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	49°13'59.7"		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 <u>G</u> F P	
Bridge Ahead Signs Missing	0 1 <u>2</u>	
Brushing Required	(Yes) No	Minor Brushing
Delineator Missing Left	<u>0</u> 1 2	
Delineator Missing Right	<u>0</u> 1 2	
Fender Condition	E G F P <u>(None)</u>	No Fenders
Posted Load Rating (tonnes)	-	Not Posted
Road Surface	E <u>G</u> F P	

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Cribbs	E G <u>F</u> P N/A	Wood 3x Cribb Cedar closed face. 5' down sap rot
Tie-backs	E G <u>F</u> P N/A	3 Low + 4 higher tie backs cw
Bin Wall	E G F P <u>N/A</u>	
Precast Concrete	E G F P <u>N/A</u>	
Caps or Sills	E G F P	Comp Abutt on single sill on 2 rows of lock blocks.
Piles or Posts	E G F P <u>N/A</u>	
Ballast Wall	E G <u>F</u> P	Logs CW
Wing Wall	E G <u>F</u> P N/A	Logs CW
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 G F P <u>N/A</u>	CAST IN PLACE FOOTING. Woods Abutt. being damaged & now slightly undermined due to lack of Riprap.
Bearings	E G <u>F</u> P	
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 N/A	
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	E <u>G</u> F P	steel guardrails
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>CR 2452</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P		
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>0.20</u>	Est. Present Water Level Width (m)	<u>5.0</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?	<u>Yes</u> No
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
Comments <u>slight scour under wood abut.</u>			
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	<u>Scour under wood abut.</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>wood to camp</u>		<u>from W/S</u>
	<u>W/S</u>		<u>Camp Abut</u>
	<u>N/S</u>		<u>wood abut Rd</u>
	<u>camp to wood</u>		<u>Damaged cast in place footing</u>
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>2007-10-02</u>	
Inspection Company Name <u>Enviro Engineering & Geoscience 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 GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name <u>MFR</u>	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.02.16 17:00:21 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>Replace cirbs</u>			

CAMP = RIGHT
WOODS = LEFT.