

ck 2448



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>12.5</u>	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <u>12.5</u>	*Superstructure: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ Compo Girders ☐ Concrete Cast in Place ☒ Concrete Slab Girders ☐ Log Stringer ☐ Rail Car ☐ Steel I-Beam ☐ Timber-Treated Stringers </div> <div style="width: 50%;"> ☐ 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): <u>6.2</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 #	Ck 2448			Structure #		
FSR Name	Narish Gork		User km	2.8	Project File ID	10326
Longitude: (ddd / mm / ss.s)	122° 09' 31.7"		OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)	49° 11' 48.6"					
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		On a hairpin			
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		Missing Fender w/ wood side			
Posted Load Rating (tonnes)			Not post.			
Road Surface	E (G) 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 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		Precast concrete welded to pipe risers.			
Piles or Posts	E (G) F P N/A		Pipe risers on spread footing.			
Ballast Wall	E (G) F P		5 High Concrete Lock Block on Camp side, 2 High Wood Side			
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		Small silt w/ wood side Abutment on the fill slope.			
Riprap	E G (F) P N/A		More rip rap needed w/ Camp side			
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		7 slabs, flared at ends			
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)		Damaged + Loose w/ wood side, 4 mid span.			
Handrails/Walkouts	E G F (P) N/A		Stuck + loose w/ wood side.			
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 #		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G (F) P	7 concrete slabs on skew, 3rd from V/S	
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	See note for Girders.	
Shear Connectors	E (G) F P N/A		
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m)		Est. Present Water Level Width (m)	Est. High Water Level Clearance (m)
0.2		3.2	3.3
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			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M (L)		Fractures in slabs # 1 + 3 from V/S (with exposed + weathered rebar)
2	H M (L)		Replace Guardrail V/S woodside
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	Monitor rip rap d/s Campside Abutment for scouring		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	wood to Camp		Damaged River V/S wood
	V/S		From V/S
	d/s		Camp Abutment
	Camp to wood		Wood Abutment
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked?		P Eng Inspection Required?	Date of Inspection (yyyy/mm/dd)
Yes (No)		Yes No	2007-10-07
Inspection Company Name		Inspector's Name (print)	Inspector's Signature
Forest Engineering & Consulting Ltd.		Ali Sadeghi	
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			

near wood abutment is fractured. 2" rebar exposed. Patch used to fix not functioning. 1st V/S slab fractured near wood abutment, rebar exposed + weathered.

Fractures in slabs # 1 + 3 from V/S (with exposed + weathered rebar)

Rip rap d/s Camp side
PAVING DAM.