

X L-5

ck 2087



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] 15 ⁷	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): 16 ³	*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 ⁷	
*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:			

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L-5



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

GENERAL INFORMATION			
Site # <u>CK-2087</u>		(enter either long/lat or UTM - not both)	
Structure # <u>CK2087</u>			
FSR Name <u>DEWDNEY CRK</u>	User km <u>49</u>	Project File ID	Branch
Longitude: (ddd / mm / ss.s) <u>49 27 58.4</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>121 11 52.0</u>			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	~50m back from woods about the cut slope is actively scouring.	
Bridge Ahead Signs Missing	0 1 (2)		
Brushing Required	(Yes) No	Minor, US woods	
Delineator Missing Left	0 (1) 2	7 REMAINING DELINEATORS INSTALLED THE WORKING WAY	
Delineator Missing Right	0 1 2		
Fender Condition	E G F (P) None	MISSING FENDER LOGS	
Posted Load Rating (tonnes)	—	NOT POSTED - ONLY PICKUP ACCESS ONLY.	
Road Surface	E G (F) P	SOME POTHOLES	
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	4X CAMP, 3X WOODS: CLOSED FACED - 1 N 100mm of SAP RT.	
Tie-backs	E G (F) P N/A	3X	
Bin Wall	E G F P (N/A)		
Precast Concrete	E G F P (N/A)		
Caps or Sills	E G (F) P		
Piles or Posts	E G F P (N/A)		
Ballast Wall	E (G) F P	TREATED TIMBER	
Wing Wall	E G (F) P N/A	OLD LOGS	
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		
Bearings	E (G) F P		
Corrosion Protection	E G F P (N/A)		
Span 1 of <u>1</u> (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	PLANKS ON TOP OF OLD DECK.	
Sub-deck	E G F (P) N/A	ROTTEN. HOLES	
Ties	E G F (P) N/A	LARGE # OF TIES ROTTEN	
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)	ROTTEN.	
Handrails/Walkouts	E G F P (N/A)		
Hardware	E G (F) P N/A		
Overall Deck Condition	E G F (P)	TIES + PLANKS + RAIL MUST BE REPLACED PRIOR TO INDUSTRIAL ACT.	

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

GENERAL INFORMATION			
Site #		Structure # <u>CL2087</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P	<u>SURFACE RUST</u>	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G <u>(F)</u> P N/A	<u>4 X</u>	
Under-trussing	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 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>0.3</u>		Est. Present Water Level Width (m) <u>6.0</u>	Est. High Water Level Clearance (m) <u>1.1</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>CROSSING IN A HIGH TRANSPORT POTENTIAL STREAM. LARGE AMOUNT OF BEDLOAD</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	<u>(H)</u> M L		<u>REPLACE TIES + RUNNING SURFACE + GUARD RAIL.</u>
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	<u>/</u>		
2	<u>/</u>		
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>CL TO W</u>		<u>FROM D/S</u>
	<u>D/S</u>		<u>WOODS ABUT.</u>
	<u>W/C</u>		<u>CAMP ABUT.</u>
	<u>W/C</u>		<u>ROTTEN TIES X 5.</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>(No)</u>		P Eng Inspection Required? Yes <u>(No)</u>	Date of Inspection (yyyy/mm/dd) <u>2009-10-20</u>
Inspection Company Name <u>Forster Eng + Geo.</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): <u>54 t</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: 2010.01.06 15:56:15 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>load rating 5t due to cross ties and deck rot</u>			