

ck 2135

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] 5.8	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:		
*Bridge Length (metres): 7.1	*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): 4.3
*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			
Site #		Structure #	
FSR Name	Hamison West	User km	24.1
Project File ID	6314	Branch	01
Longitude: (ddd / mm / ss.s)	121° 52' 49.4"	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	49° 29' 07.3"	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		
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 all 4 fenders	
Posted Load Rating (tonnes)	68,040 kg GVW		
Road Surface	E G (F) P	Scour u/s wood side	
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	50mm Sap Rot Camp Side, Old Fd, 100mm Sap Rot	
Piles or Posts	E G F P (N/A)	Wood side Fd, Both sills > 1000mm in diameter	
Ballast Wall	E G F P		
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)	Moderate scour under both sills	
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)	Slight Damage Midspan	
Sub-deck	E G F P (N/A)		
Ties	E (G) F P (N/A)	TREATED TIMBER	
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	TIMBER, UNTREATED	
Handrails/Walkouts	E G F P (N/A)		
Hardware	E (G) F P (N/A)		
Overall Deck Condition	E (G) F P		

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GENERAL INFORMATION			
Site # <u>CK2135</u>		Structure # <u>CK2135</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F P	<u>Treated</u> <u>12" x 12" x 8 solid 2 with 11" x 4" plank spanty</u>	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G F P <u>(N/A)</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>0.1</u>		Est. Present Water Level Width (m) <u>1.2</u>	Est. High Water Level Clearance (m) <u>0.60</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>Scour under both sill logs</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>Monitor Scour under old Rd sill logs.</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>Camp to Wood</u>		<u>Scour U/S Wood side</u>
	<u>U/S</u>		<u>Camp Abut</u>
	<u>U/S</u>		<u>Wood Abut</u>
	<u>Wood to Camp</u>		<u>Camp Abut Scour</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>2009-10-06</u>
Inspection Company Name <u>FORSTE ENGINEERING & GEOTECHNICAL LTD.</u>		Inspector's Name (print) <u>Ali Sedghi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>10 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: 2010.01.11 16:37:21 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments <u>10t load rating to continue</u>			

Some of plank spanty rotten.

TIE