

Ck2266



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] 72 D/S 68 U/S	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage					
Portable Superstructure Storage Location:							
*Bridge Length (metres):	<table style="width: 100%; border: none;"> <tr> <td colspan="2" style="padding: 5px;">*Superstructure:</td> </tr> <tr> <td style="padding: 5px; vertical-align: top;"> ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☒ Log Stringer ☐ Rail Car ☐ Steel I-Beam ☐ Timber-Treated Stringers </td> <td style="padding: 5px; vertical-align: top;"> ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Other ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers </td> </tr> </table>			*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
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*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): <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">5.0</div>					
*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**
(for log stringer or timber stringer bridges)

GENERAL INFORMATION				(enter either long/lat or UTM - not both)		
Site # <u>CK 2266</u>		Structure # <u>CK2266</u>				
FSR Name <u>STAVE RIVER</u>		User km <u>5.9</u>	Project File ID <u>8013</u>	Branch <u>01</u>		
Longitude: (ddd / mm / ss.s) _____		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) _____						
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.						
Item	Present Condition (circle or N/A)	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 <u>(No)</u>					
Delineator Missing Left	0 1 <u>(2)</u>					
Delineator Missing Right	0 1 <u>(2)</u>					
Fender Condition	E G F P <u>None</u>					
Posted Load Rating (tonnes)	-	<u>NOT RATED</u>				
Road Surface	E G <u>F</u> P	<u>SOME POT HOLES</u>				
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	<u>2X</u>				
Tie-backs	E G F P N/A	<u>3X</u>				
Bin Wall	E G F P <u>N/A</u>					
Precast Concrete	E G F P <u>N/A</u>					
Caps or Sills	E <u>G</u> F P					
Piles or Posts	E G F P <u>N/A</u>					
Ballast Wall	E <u>G</u> F P					
Wing Wall	E G F P <u>N/A</u>					
Bracing	E <u>G</u> F P N/A	<u>↑</u>				
Hardware	E <u>G</u> F P N/A	<u>LASHED IN MID</u>				
Fill	E <u>G</u> F P					
Riprap	E G F P <u>N/A</u>	<u>NO RIPRAP</u>				
Bearings	E <u>G</u> F 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 G F P <u>(P)</u>					
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 G F P <u>N/A</u>					
Grout Pockets	E G F P <u>N/A</u>					
Deck Joints	E G F P <u>N/A</u>					
Anti-skid Surface	E G F P <u>N/A</u>					
Gravel Surface	E G F <u>(P)</u> N/A	<u>ONLY 0.25 TO 0.3m OF FILL</u>				
Curb Rail/Blocks/Posts	E G F <u>(P)</u>	<u>NOT 10" HIGH</u>				
Handrails/Walkouts	E G F P <u>N/A</u>					
Hardware	E <u>G</u> F P N/A	<u>LASHED MID SPAN</u>				
Overall Deck Condition	E G <u>F</u> P					

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

Site # 2266

Structure # CK2266

SUPERSTRUCTURE (stringers numbered from upstream side of bridge)

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log Curbs	E G F P N/A	NIT WCB COMP.
Needle Beams and Shims	E G F P (N/A)	

Stringer #	Species	Peeled? (circle)	Diameter (mm) or Width x Depth (mm x mm)	Rot Depth Bottom (mm)	Rot Depth Side (mm)	Rot Depth Top (mm)	Comments
1		Y N	—				ROTTEN
2		Y N	—				ROTTEN
3		Y N	650				NO CUNK.
4		Y N	630				ROT @ 150mm.
5		Y N	530	20 TO 30			SAP ROT
6		Y N	580	20 TO 30			SAP ROT
7		Y N	490	20 TO 60			ROT @ KNOTS.
8		Y N	690	20 TO 100			SAP ROT
9		Y N	620	20 TO 100			SAP ROT
10		Y N	650	10 TO 50			SAP ROT

CHANNEL

Est. Present Water Level Depth (m) 0

Est. Present Water Level Width (m) 0

Est. High Water Level Clearance (m) 0.5

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		
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	MONITOR FOR STRINGER FAILURE
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	W TO C		WET.
	US		STRINGERS X2
	T/S		CAMP ABUT.
	E TO N		WOODS ABUT

INSPECTOR TO COMPLETE THIS SECTIONAs-built Drawings Checked? Yes ☒ No ☐P Eng Inspection Required? Yes ☐ No ☒Date of Inspection (yyyy/mm/dd)
2009-10-27Inspection Company Name
Forsta Eng + Geo.Inspector's Name (print)
Jovanny Araki

Inspector's Signature

Comments

* LOAD RAT. RED.

PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): L60

Date of Next Inspection

Reviewer Company Name

Reviewed by - P Eng's Name (print)
L. StevanovicReviewed by - P Eng's Signature
Digitally signed by L. Stevanovic
Date: 2010.01.22 09:20:40 -08'00'

Date Reviewed (yyyy/mm/dd)

Comments

load rating L45 due to rotten stringers

Not Fd or Cw.
LIKELY SKUR B.11 520 - ROTTEN
w/ CUNKS.

SHEAR FAILURE

} LARGE
SUMP @
WLET (w 2m
deep)

STR #11 FAIL.