

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

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

*Site #: <u>CL-2267</u>	*Crossing Name: <u>Ole Crk</u>	*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>8013</u>
*Structure #:			*Br. <u>01</u>
*FSR Name: <u>Stave River</u>	*Forest District: <u>CK</u>	*Kilometres:	User km: <u>17.6</u>
Longitude: (ddd / mm / ss.s) <u>W 122° 17' 42.5"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 32' 37.7"</u>			UTM Northing

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E <u>(G)</u> F P UR	
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 <u>(P)</u> None UR	<u>Polluted</u>
Posted Load Rating	(tonnes) or <u>(None)</u>	
Road Surface	E <u>(G)</u> F P UR	

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 UR	<u>Left is poor, broken on w/s side Right is fair</u>
Tie-backs	E G <u>(F)</u> P N/A UR	<u>Same as 2009</u>
Bin Wall	E G F P <u>(N/A)</u> UR	
Concrete (cast in place; lock blocks, precast)	E G F P <u>(N/A)</u> UR	
Caps or Sills	E G F P <u>(N/A)</u> UR	
Piles or Posts	E G F P <u>(N/A)</u> UR	
Ballast Wall	E G F P <u>(N/A)</u> UR	
Wing Wall	E G F P <u>(N/A)</u> UR	
Bracing	E G F P <u>(N/A)</u> UR	
Hardware	E G <u>(F)</u> P N/A UR	<u>Loose cribbs & needle beam - Loose</u>
Fill	E G F <u>(P)</u> N/A UR	<u>Filling</u>
Riprap	E G <u>(P)</u> P N/A UR	<u>Round, NOT EFFECTIVE</u>
Bearings	E G <u>(F)</u> P N/A UR	
Corrosion Protection	E G F P <u>(N/A)</u> UR	

Span 1 of 1 (spans are numbered consecutively starting from the left abutment)

Use "Additional Spans" Sheet for Multiple Spans

12.2m length**DECK**

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface (N/A if running surface is gravel or timber planks)	E G F P <u>(N/A)</u> UR	
Running Planks	E G F P <u>(N/A)</u> UR	
Sub-deck	E G F P <u>(N/A)</u> UR	
Ties	E G F P N/A UR	
Nails	E G F P N/A UR	
Deck to Girder Bolts	E G F P N/A UR	
Concrete Deck	E G F P N/A UR	
Grout Pockets	E G F P N/A UR	
Deck Joints	E G F P <u>(N/A)</u> UR	
Steel Deck Plate	E G F P <u>(N/A)</u> UR	
Gravel Surface	E G F <u>(P)</u> N/A UR	<u>Filling through</u>
Gravel Deck Depth	<u>0.3-0.5</u> metres or N/A	
Curb Rail/Blocks/Posts	E G F P UR	
Handrails/ Walkouts	E G F P N/A UR	
Hardware	E G F P N/A UR	
Overall Deck Condition	E G F P UR	

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*Structure #:

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 UR					
Needle Beams and Shims		E G F (P) N/A UR		Base & subgrade			
Stringer #	Wood 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	CW	(Y) N	700				
2	↓	(Y) N	820				
3		(Y) N	670	SEE 2009, NO CHANGE			
4		(Y) N	750	20	CORRED - SAME AS 2009		
5		(Y) N	730	50			
6		(Y) N	740	20			
7		(Y) N	760	50			
8			(Y) N				
9		(Y) N					Gravel = 0.3m
10		(Y) N					

Stream CHANNEL*Est. Present Water Level Depth 0.05 (m) *Est. Present Water Level Width 1 (m) *Est. High Water Level Clearance 0 (m)**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:☒ Recommended☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	(H) M L		DIG OUT BRIDGE
2	H M L		(LIKELY JUST REPAIR, I AM SURE IT WILL BE DAMAGED)
3	H M L		

***Monitoring Status:**☒ Recommended☐ Not required

Monitor Item #	*Monitor Description
1	AGGRADATION, CRIB SCOR (C)
2	BROKEN CRIB

PHOTO LOG

Photo #	Description	Photo #	Description
8-71		8-72	
8-73		8-74	
8-75		8-76	
8-77		8-78	

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?

Yes No

P Eng Inspection Required?

Yes No

Inspector's Estimate of Full Log Haul and Traffic Replacement Date (year): 2011

(P Eng to review and evaluate inspector's estimate of replacement (year) on structure details screen in COR as necessary)

*Date of Inspection (yyyy/mm/dd)

2011/11/08

*Inspection Company Name

Onsite Engineering

*Inspector's Name (print)

Jeremy Araki

Inspector's Signature

J. C. PARAKI

Inspector's Comments

LOAD RATE - REMEMBER FILL IS FAILING ON DUCK**PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION**

Current Load Rating GVW (tonnes): 5 tonnes

(P Eng to update structure details screen in COR as necessary)

Reviewer Company Name

MoF

Reviewed by - P Eng's Name (print)

T. Miller

Date of Next Planned Inspection (yyyy/mm/dd)

2012/09/30

Reviewed by - P Eng's Signature

Date Reviewed (yyyy/mm/dd)

2012/02/20

P Eng Reviewer's Comments

5 tonnes load rating, please post.





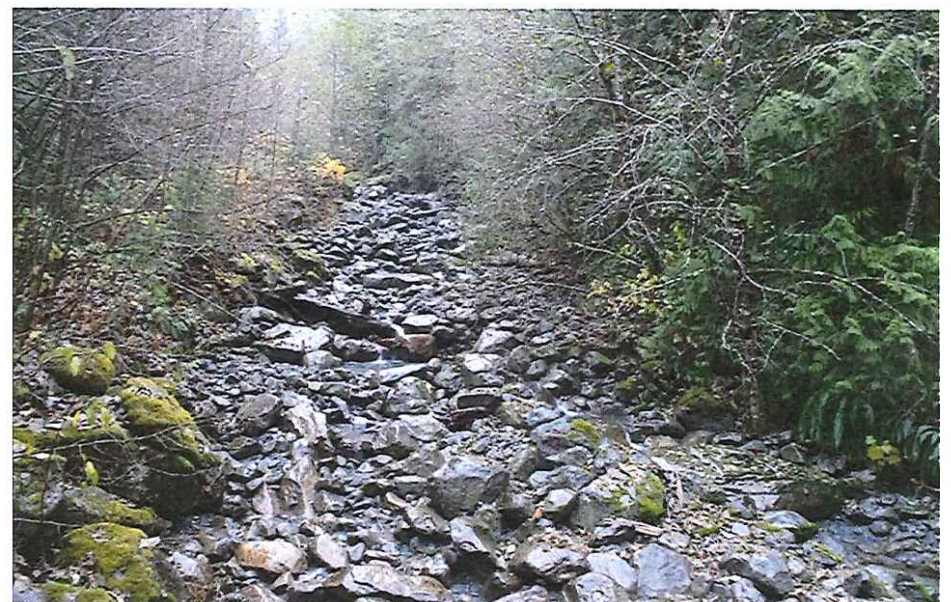
CK2267 Downstream



CK2267 Right to Left Approach



CK2267 Deck Damage



CK2267 Upstream



CK2267 Left Abutment



CK2267 Left to Right Approach



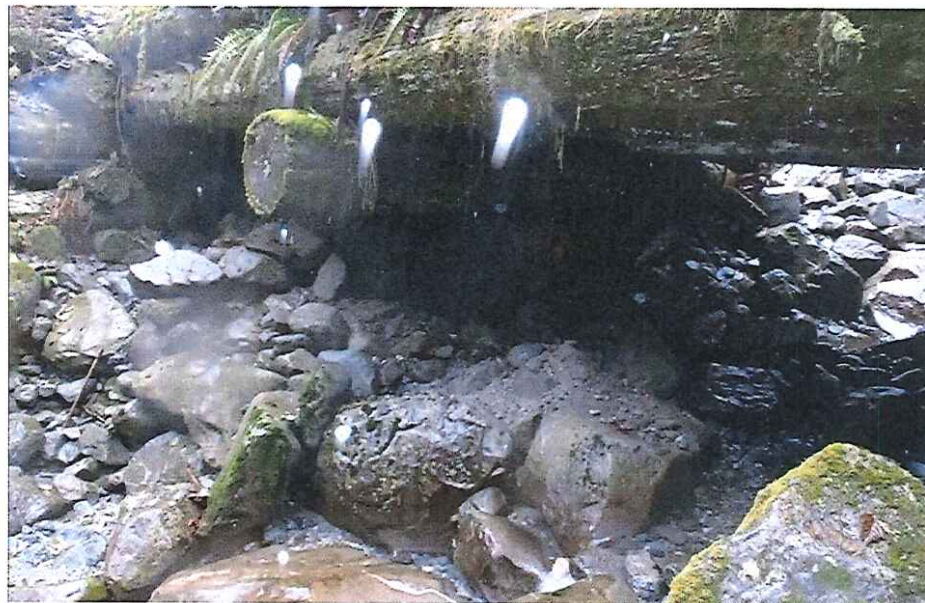
CK2267 fill failing



CK2267 From Upstream



CK2267 Right Abutment



CK2267 From Downstream