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ACTUG

Sep 6



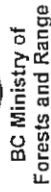
BC Ministry of
Forests and Range

Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"

Page 1 of 2

GENERAL	
*Structure #	*Site #: CK 2204
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: North Ambler Cr	Kilometres: 10.8
*Project File ID#: 8019	*Br. 01
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder	☐ Operations Division ☐ Road Permit Holder
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure	☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate Inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register



CK2204

CK2204



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

GENERAL INFORMATION			
*Site # <u>CK-2204</u>	*Crossing Name:	(enter either longlat or UTM below - not both)	
*Structure #:		*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	*Project File ID# <u>2019</u> *Br. <u>01</u>
*FSR Name: <u>N. M. Ainslie Cr</u>	*Forest District: <u>Chilliwack</u>	*Kilometres:	User km:
Longitude: (ddd / mm / ss.s) <u>49 59 57.2</u>		UTM Zone <u>18U</u>	UTM Easting
Latitude: (ddd / mm / ss.s) <u>121 26 04.5</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 G <u>(F)</u> P UR	<u>TIGHT HOR. CURVE</u>	
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 <u>(F)</u> P None UR	<u>LOG</u>	
Posted Load Rating	(tonnes) or None	<u>NOT POSTED</u>	
Road Surface	E G <u>(F)</u> 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 Crib	E G F <u>(P)</u> N/A UR	<u>3X ROTTEN CLOSED FACE CRIB.</u>	
Tie-backs	E G F <u>(P)</u> N/A UR	<u>3X ROTTEN.</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 <u>(G)</u> F P N/A UR	<u>FL. LOG.</u>	
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	<u>SILL.</u>	
Hardware	E <u>(G)</u> F P N/A UR	<u>LASHED TO STEINWALL</u>	
Fill	E <u>(G)</u> F P N/A UR		
Riprap	E G F P <u>(N/A)</u> UR		
Bearings	E <u>(G)</u> F 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			
DECK			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Running Surface (N/A if coping surface is present 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 <u>(N/A)</u> UR		
Nails	E G F P <u>(N/A)</u> UR		
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR		
Concrete Deck	E G F P <u>(N/A)</u> UR		
Grout Pockets	E G F P <u>(N/A)</u> 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 <u>(G)</u> F P N/A UR		
Gravel Deck Depth	<u>0.5</u> metres or N/A		
Curb Rail/Block/Posts	E G <u>(F)</u> P UR	<u>LESS THAN 250mm in HEIGHT. DOES NOT MEET WCB REQ.</u>	
Handrails/Walkouts	E G F P <u>(N/A)</u> UR		
Hardware	E <u>(G)</u> F P N/A UR	<u>LASHED (SPRINGS) LASHED TO SILL</u>	
Overall Deck Condition	E G <u>(F)</u> P UR		



Routine Condition Bridge Inspection Form

(for log stringer or timber stringer bridges)

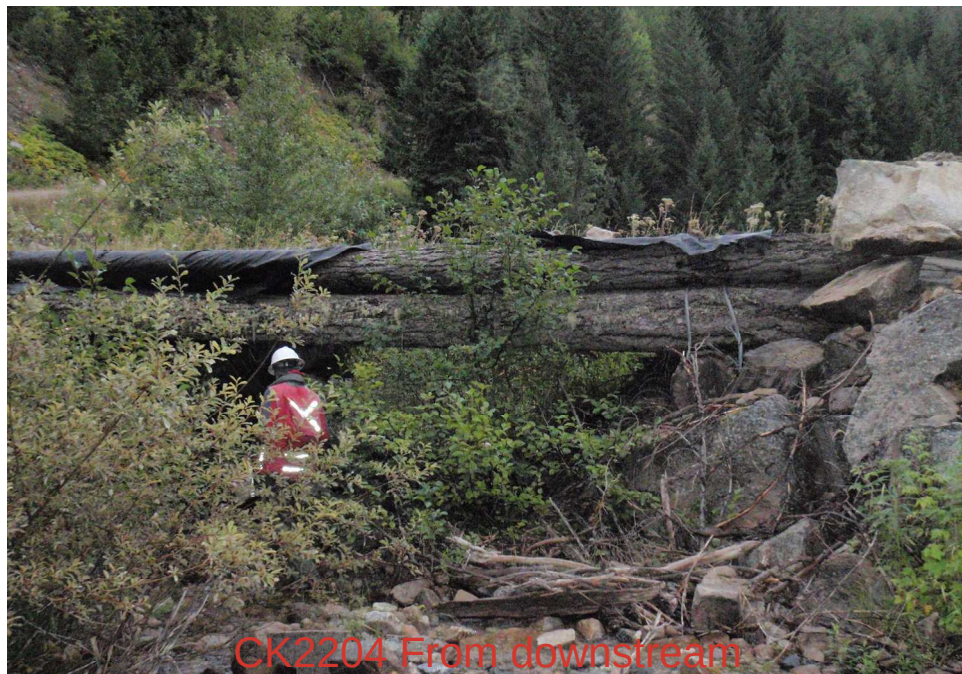
GENERAL INFORMATION															
*Site #: CK-2204		*Structure #:													
SUPERSTRUCTURE (stringers numbered from upstream side of bridge)															
Item		Present Condition (circle)		Comments (to comment is mandatory if condition "poor" is selected)											
Log Curbs		E G F P UR													
Needle Beams and Shims		E G F P N/A UR													
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		FD		Y (N)		500									
2		H		Y N		300									
3		H		Y N		500									
4				Y N		500									
5				Y N		440								ALL STRINGERS IN GOOD COND	
6				Y N		490									
7				Y N		490									
8				Y N		430								L=6.4m	
9				Y N		460								Gravel=0.5m	
10				Y N		540									
Stream Channel										width					
*Est. Present Water Level Depth 0.1 (m)		*Est. Present Water Level Depth 5 (m)		*Est. Present Water Level Depth 1-2 (m)											
HAZARDS (circle yes or no for each item)															
High Water?		Yes (No)		Scour?		Yes (No)		Ice?		Yes (No)		Debris?		Yes (No)	
Comments															
REPAIRS:															
Repair Item #		Priority (circle)		☐ Recommended		☐ Not required (H = High, M = Medium, L = Low)		*Estimate (\$)		*Repair Description					
1		H M L													
2		H M L													
3		H M L													
*Monitoring Status: ☐ Recommended ☐ Not required															
Monitor Item #		Monitor Description													
1															
2															
PHOTO LOG															
Photo #		Description		Photo #		Description									
		LEFT TO RIGHT				RIGHT ABUT									
		RIGHT TO LEFT				LEFT ABUT									
		FROM UPSTREAM				DOWNSTREAM									
		FROM DOWNSTREAM				UPSTREAM									
INSPECTOR TO COMPLETE THIS SECTION															
As-built Drawings Checked?		Yes (No)		P Eng Inspection Required?		Yes (No)		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):							
Yes		No		No		No		Date (year):							
								(If a bridge and substructure inspection is required, and to update Full Log Haul Traffic Replacement year) or structure details screen in CIR as necessary.							
*Date of Inspection (yyyy/mm/dd)		2016-09-06		*Inspection Company Name		Onsite Engineering LTD.		*Inspector's Name (print)		Ali Sadehghi		Inspector's Signature			
Inspector's Comments															
THE NEW SILLS BEAR TO CLOSELY TO OLD POKEN C.B.															
PROFESSIONAL ENGINEER TO COMPLETE THIS SECTION															
Current Load Rating GVW (tonnes):		41		Date of Next Planned Inspection (yyyy/mm/dd)		2012/09/01									
Reviewer Company Name (P Eng to update structure details screen in CIR as necessary)		MWH Engineering LTD		Reviewed by - P Eng's Name (print)		G. Dohm		Review		Ali Sadehghi		Date Reviewed (yyyy/mm/dd)		2010/12/02	
P Eng Reviewer's Comments															
Continue with current load rating.															



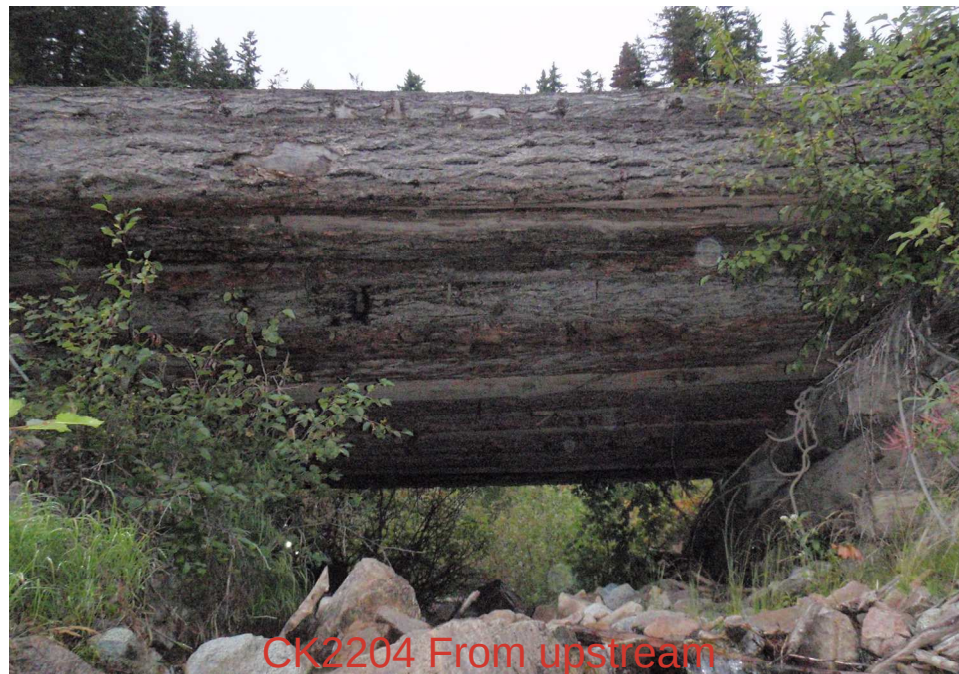
CK2204 Left to right



CK2204 Right to left



CK2204 From downstream



CK2204 From upstream



CK2204 Right abutment



CK2204 Left abutment



CK2204 Underneath



CK2204 New sill bearing