



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2218		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8394		*Br. 01	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: PITT			
*Kilometres: 8.0		User Kilometres:	
*Crossing Name: FISH HATCHERY CREEK		Close Proximity Inspection Required? ☐ Yes ☐ No	
*Inspection Status: ☒ Inspect ☐ Do Not Inspect			
*BCTS Business Area (if applicable):			
Trim Map Sheet #:		1:50,000 Map Sheet #:	
Special Access Requirements: ☐ ATV ☐ Boat ☐ 4-Wheel Drive ☐ Gate Key ☒ Helicopter ☐ Isolated Public Access		Special Equipment Requirements: ☐ Peeper Truck ☐ Scuba	
Point of Access Description:			
Coordinates Longitude: (ddd / mm / ss.s)		Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 526520	UTM Northing: 5494893	

*Denotes Mandatory Information for Corporate Bridge Register



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

STRUCTURAL DETAILS

Number of Spans:

1

Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20]

24.3

Number of Piers:

0

Pier Type:

- | | |
|---|---|
| ☐ Concrete | ☐ Crib - Timber |
| ☐ Piles - Concrete | ☐ Piles - Steel |
| ☐ Piles - Timber Treated | ☐ Piles - Timber Untreated |
| ☐ Steel Column on Concrete Pad | |

Needle Beams?

☐ Yes ☒ No

Portable Structure?

☐ Yes ☒ No

Portable Superstructure Status:

☐ Installed
☐ Storage

Portable Superstructure Storage Location:

*Bridge
Length
(metres):

24.3

*Superstructure:

- | | | |
|---|---|-----------------------------------|
| ☐ Compo Girders | ☐ Concrete Box Beam | ☐ Rail Car |
| ☐ Concrete Cast in Place | ☐ Concrete I/T Beam | ☐ Other |
| ☐ Concrete Slab Girders | ☐ Glulam Girder | |
| ☐ Log Stringer | ☐ Steel Box Beam | |
| ☒ Steel I-Beam | ☐ Steel Truss/Bailey/Acrow | |
| ☐ Timber-Treated Stringers | ☐ Timber-Untreated Stringers | |

*Deck Type:

- | | | |
|--|--|---------------------------------|
| ☐ Concrete | ☒ Concrete Composite | ☐ Gravel |
| ☐ Concrete Removable | ☐ Concrete - Steel Free | ☐ Steel |
| ☐ Timber-Treated | ☐ Timber-Untreated | ☐ Other |
| ☐ Timber-Treated Panels | ☐ Timber-Untreated Panels | |

*Deck Width
(metres):

4.9

*Running Surface:

- | | | | |
|--|--|--|---------------------------------|
| ☐ Anti-Skid | ☐ Asphalt | ☒ Concrete | ☐ Gravel |
| ☐ Not Available | ☐ Timber Planks | | |

*Left Abutment:

- ☐ Binwall
☐ Concrete Cast in Place
☐ Concrete Lock Blocks
☐ Concrete Precast
☐ Crib, Log or Untreated Timber
☐ Other
☐ Pile-Temporary Materials
☐ Pile-Permanent Materials
☐ Sill-Permanent Materials
☐ Sill-Temporary Materials
☒ Steel Pipe & Precast Pad

*Right Abutment:

- ☐ Binwall
☐ Concrete Cast in Place
☐ Concrete Lock Blocks
☐ Concrete Precast
☐ Crib, Log or Untreated Timber
☐ Other
☐ Pile-Temporary Materials
☐ Pile-Permanent Materials
☐ Sill-Permanent Materials
☐ Sill-Temporary Materials
☒ Steel Pipe & Precast Pad

Comments:

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

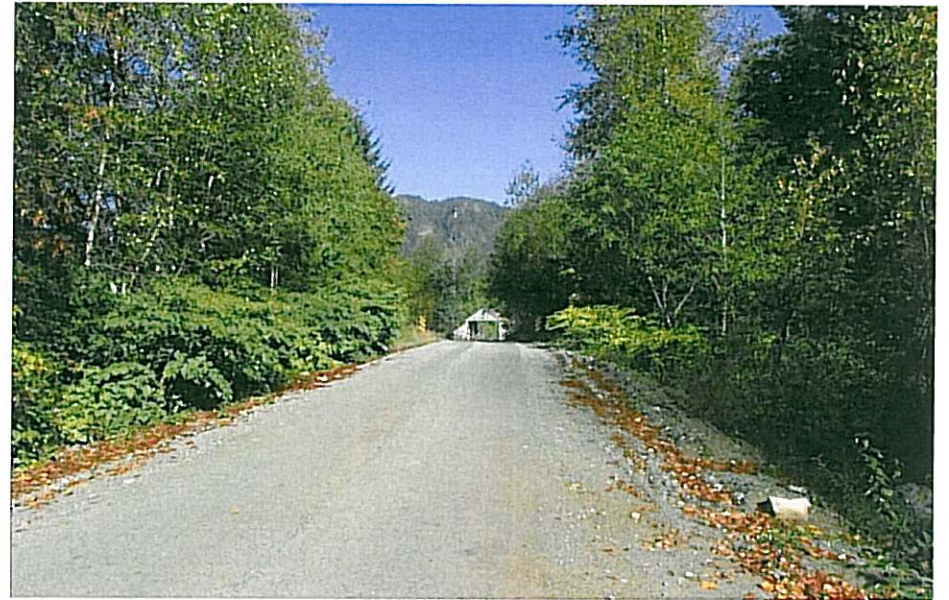
GENERAL INFORMATION				(enter either long/lat or UTM below – not both)			
*Site #: CK-2218	*Crossing Name: Fish Hatchery Crk	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 8394				
*Structure #: CK-2218	*Forest District: Chilliwack	*Kilometres: 8.00	*Br. 01				
*FSR Name: Pitt-River			User km: 8.00				
Longitude: (ddd / mm / ss.s)	OR	UTM Zone 10	UTM Easting 526520	UTM Northing 5494893			
Latitude: (ddd / mm / ss.s)							
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	<u>0</u> 1 2						
Delineator Missing Right	<u>0</u> 1 2						
Fender Condition	E <u>G</u> F P None UR		No post barriers				
Posted Load Rating	____ (tonnes) or None						
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 Crib	E G F P <u>N/A</u> UR						
Tie-backs	E G F P <u>N/A</u> UR						
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> <u>UR</u>						
Piles or Posts	<u>E</u> G F P N/A UR		Pipe users				
Ballast Wall	E <u>G</u> F P N/A UR		Precast concrete				
Wing Wall	E G F P <u>N/A</u> UR						
Bracing	E G F P <u>N/A</u> UR						
Hardware	E <u>G</u> F P N/A UR						
Fill	E <u>G</u> F P N/A UR						
Riprap	E <u>G</u> F P N/A UR						
Bearings	E <u>G</u> F P N/A UR		thick rubber pads				
Corrosion Protection	E G <u>F</u> P N/A 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 running surface is gravel or timber planks)	E <u>G</u> F P N/A 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 <u>G</u> F P N/A UR		8 x concrete composite - flared at ends				
Grout Pockets	E <u>G</u> F P N/A UR						
Deck Joints	E <u>G</u> F P N/A UR						
Steel Deck Plate	E G F P <u>N/A</u> UR						
Gravel Surface	E G F P <u>N/A</u> UR						
Gravel Deck Depth	____ metres or <u>N/A</u>						
Curb Rail/Blocks/Posts	E <u>G</u> F P UR						
Handrails/ Walkouts	E G F P <u>N/A</u> UR						
Hardware	E <u>G</u> F P N/A UR						
Overall Deck Condition	E <u>G</u> F P UR						

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

GENERAL INFORMATION			
*Site #: CK-2218		*Structure #: CK-2218	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR	2x steel 1-beam = weathering steel	
Diaphragms	E G F P (N/A) UR		
Bracing	E (G) F P N/A UR		
Under-trussing	E G F P (N/A) UR		
Hardware	E (G) F P N/A UR		
Welded / Grouted Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL			
*Est. Present Water Level Depth 1.0 (m)		*Est. Present Water Level Width 10 (m)	*Est. High Water Level Clearance 106 (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		
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
1	From upstream	5	Left parapet
2	From left	6	right abutment
3	Right bearing	7	left bearing
4	From right	8	girders
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): 2045 (PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)	
*Date of Inspection (yyyy/mm/dd) 2013/09/25	*Inspection Company Name OWSITE	*Inspector's Name (print) Jeremy Araki	Inspector's Signature J. C. P. ARAKI # 29756 PROFESSIONAL ENGINEER BRITISH COLUMBIA
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): 109 tonnes (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2016/09/30	
Reviewer Company Name MoF	Reviewed by - PEng's Name (print) T. Miller	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd) 2014/01/06
PEng Reviewer's Comments Post bridge ahead signs. Present load rating of L120 or 109 tonnes to continue.			
* Denotes Mandatory Information for Corporate Bridge Register			



CK-2218 from upstream



CK-2218 from left



CK-2218 right bearing



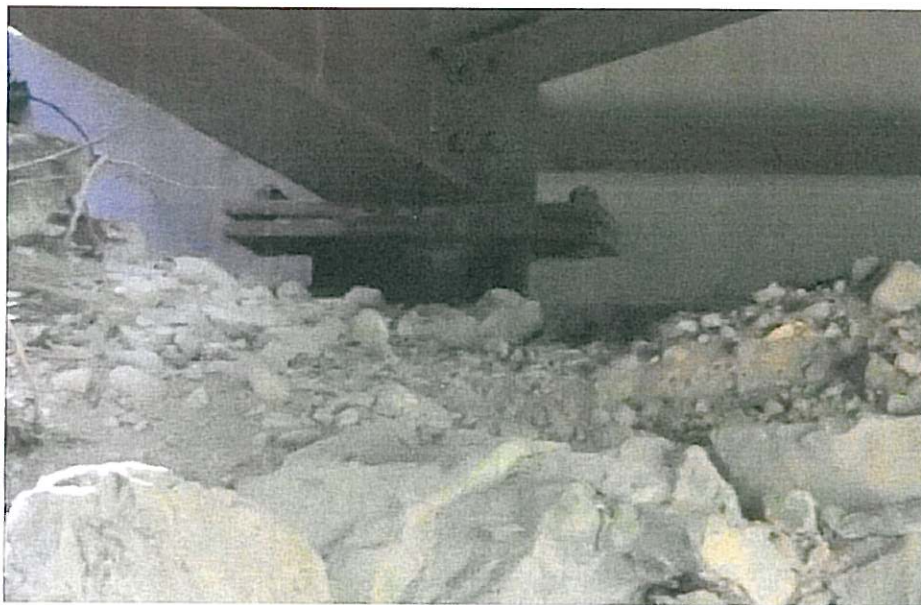
CK-2218 from right



CK-2218 left riprap



CK-2218 right abutment



CK-2218 left bearing



CK-2218 girders



CK-2218 left abutment

25-Sep-13