



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2345		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 80/3		*Br. 02	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: WINSLOW			
*Kilometres: 2.4		User Kilometres: 2.4	
*Crossing Name: BRADLEY CRK		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: 557888	UTM Northing: 5482285	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure #: CK-2345	*Site #: CK-2345
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name: BRADLEY CRK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: WINSLOW	Kilometres: 2.4
*Project File ID#: 8D13	*Br. 02
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure Other Ministries ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): <small>(PEng to enter / update this value on structure details screen in CBR)</small> 68	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small> 68
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): 2045	*Full Log Haul Traffic Replacement (year): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small> 2045
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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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]

21.24

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):

21.24

*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-2345	*Crossing Name: Bradley Crk	*Type/Class: ☒ Temporary bridge ☒ Permanent bridge	*Project File ID# 8013			
*Structure #: CK-2345			*Br. 02			
*FSR Name: Winslow Crk	*Forest District: Chilliwack	*Kilometres: 2.40	User km: 2.40			
Longitude: (ddd / mm / ss.s)		OR	UTM Zone: 10	UTM Easting: 557888	UTM Northing: 5482285	
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 G F <u>P</u> UR		Tight vertical and horizontal curves impeding visibility			
Bridge Ahead Signs Missing	0 1 <u>2</u>					
Brushing Required	<u>Yes</u> No					
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 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 Cribs	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	E <u>G</u> 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 <u>G</u> F P N/A 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					
Corrosion Protection	E <u>G</u> F P N/A UR		Painted			
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 G <u>F</u> P N/A UR		7x concrete composite			
Grout Pockets	<u>0</u> <u>G</u> F P N/A UR					
Deck Joints	E G <u>F</u> P N/A UR		Some cracks, not progressive			
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 N/A					
Curb Rail/Blocks/Posts	E G F <u>P</u> UR		Downstream right abutment damaged and loose timber, overall safe			
Handrails/ Walkouts	E G F P <u>N/A</u> UR					
Hardware	E G F <u>P</u> N/A UR		Some rails loose			
Overall Deck Condition	E G <u>F</u> P UR					

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

GENERAL INFORMATION			
*Site #: CK-2345		*Structure #: CK-2345	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR	2x steel I-beam	
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 / Grouded Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL			
*Est. Present Water Level Depth 3 (m)		*Est. Present Water Level Width 8.0 (m)	*Est. High Water Level Clearance 1.5 (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		post bridge ahead signs
2	H (M) L		brush approaches
3	H (M) L		tighten rails prior to industrial activity
*Monitoring Status: ☐ Recommended ☒ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	From Right	5	Girders #9 from upstream (2)
2	From Downstream	6	Left Abutment
3	Right Abutment	7	Upstream
4	From Left	8	Left beam
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	
*Date of Inspection (yyyy/mm/dd) 2013/09/25		*Inspection Company Name ONSITE	
Inspector's Comments		*Inspector's Name (print) Jeremy Araki	
		Inspector's Signature: C. P. ARAKI # 29756 BRITISH COLUMBIA ENGINEER	
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GW (tonnes): 68 tonnes		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 [Signature]	
Date Reviewed (yyyy/mm/dd) 2014/09/15			
PEng Reviewer's Comments Post bridge ahead signs, brush approaches and tighten rails prior to industrial activity. Present			

* Denotes Mandatory Information for Corporate Bridge Register load rating of L75 or 68 tonnes to continue.





CK-2345 From Right



CK-2345 From Downstream



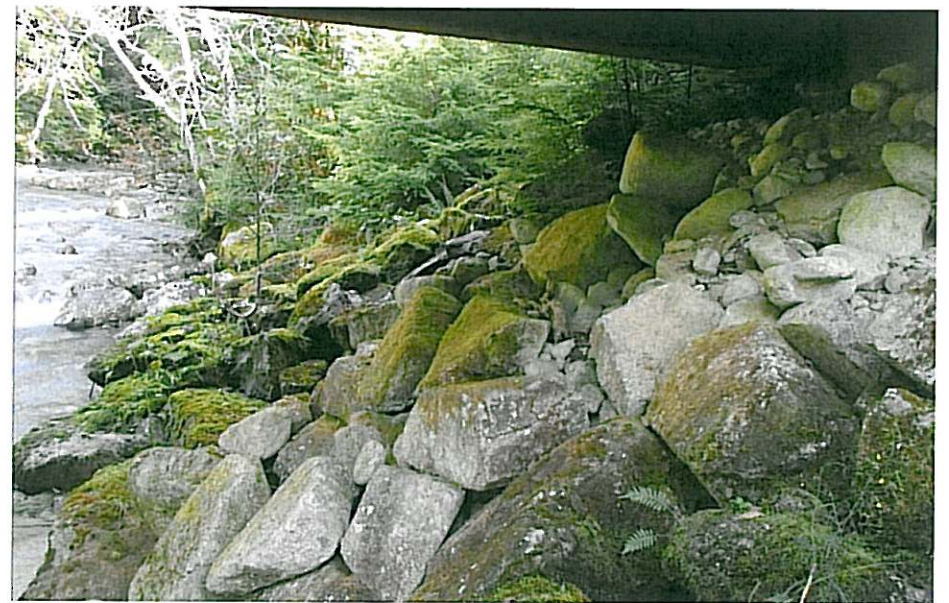
CK-2345 Right Abutment



CK-2345 From Left



CK-2345 Girders



CK-2345 Left Abutment



CK-2345 From Upstream



CK-2345 Left Beam



CK-2345 From Upstream (2)