



BC Ministry of
Forests and Range

Page 1 of 1

Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2233		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8394		*Br. 04	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: PITT-STEVE			
*Kilometres: 0.7		User Kilometres:	
*Crossing Name: STEVE 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: 520505	UTM Northing: 5503829	

*Denotes Mandatory Information for Corporate Bridge Register



BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure # CK-2233	*Site #: CK-2233
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name: STEVE CRK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: PITT-STEVE	Kilometres: 0.7
*Project File ID#: 8394	*Br. 04
Built For: <div style="display: flex; justify-content: space-between;"> <div> ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder </div> <div> ☐ Operations Division ☐ Road Permit Holder </div> </div>	
*Source: <div style="display: flex; justify-content: space-between;"> <div> ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☒ New Structure ☐ Replacement Structure </div> <div> ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries </div> </div>	
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> 109	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small> 109
Design Vehicle Configuration: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> ☐ BCL625 ☐ CL625 ☐ L100 </div> <div style="width: 50%;"> ☒ L120 ☐ L150 ☐ L165 </div> <div style="width: 50%;"> ☐ L45 ☐ L60 ☐ L75 </div> <div style="width: 50%;"> ☐ L90 ☐ Other </div> </div>	
*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:	

* Denotes Mandatory Information for Corporate Bridge Register



BC Ministry of
Forests and Range

Page 2 of 2

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:

CAST PADS ON RIGHT

**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-2233	*Crossing Name: Steve Creek	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# 8394				
*Structure #: CK-2233			*Br. 04				
*FSR Name: Pitt-Steve	*Forest District: Chilliwack	*Kilometres: 0.70	User km: 0.70				
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)			10	520505	5503829		
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						
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 G <u>F</u> P None UR		Old logs				
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 Crib	E G <u>F</u> P <u>N/A</u> UR						
Tie-backs	E G <u>F</u> P <u>N/A</u> UR						
Bin Wall	E G <u>F</u> P <u>N/A</u> UR						
Concrete (cast in place; lock blocks, precast)	E G <u>F</u> P <u>N/A</u> UR						
Caps or Sills	E G <u>F</u> P <u>N/A</u> <u>UR</u>						
Piles or Posts	E <u>G</u> <u>F</u> P <u>N/A</u> UR		Pier pier on cast in place footing on right				
Ballast Wall	E <u>G</u> <u>F</u> P <u>N/A</u> UR		Piers on left				
Wing Wall	E G <u>F</u> P <u>N/A</u> UR						
Bracing	E <u>G</u> <u>F</u> P <u>N/A</u> UR						
Hardware	E <u>G</u> <u>F</u> P <u>N/A</u> UR						
Fill	E <u>G</u> <u>F</u> P <u>N/A</u> UR						
Riprap	E G <u>F</u> P <u>N/A</u> UR		Bedrock controlled				
Bearings	E <u>G</u> <u>F</u> P <u>N/A</u> UR		Rubber pads				
Corrosion Protection	E G <u>F</u> 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 running surface is gravel or timber planks)	E <u>G</u> <u>F</u> P <u>N/A</u> UR						
Running Planks	E G <u>F</u> P <u>N/A</u> UR						
Sub-deck	E G <u>F</u> P <u>N/A</u> UR						
Ties	E G <u>F</u> P <u>N/A</u> UR						
Nails	E G <u>F</u> P <u>N/A</u> UR						
Deck to Girder Bolts	E G <u>F</u> P <u>N/A</u> UR						
Concrete Deck	E G <u>F</u> P <u>N/A</u> UR		2x concrete composite = flared at the end on the right				
Grout Pockets	E G <u>F</u> P <u>N/A</u> UR						
Deck Joints	E G <u>F</u> P <u>N/A</u> UR						
Steel Deck Plate	E G <u>F</u> P <u>N/A</u> UR						
Gravel Surface	E G <u>F</u> P <u>N/A</u> UR						
Gravel Deck Depth	____ metres or <u>N/A</u>						
Curb Rail/Blocks/Posts	E G <u>F</u> <u>P</u> UR		Loose rails, very bottom				
Handrails/ Walkouts	E G <u>F</u> P <u>N/A</u> UR						
Hardware	E G <u>F</u> <u>P</u> <u>N/A</u> UR		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 #: <u>OK-2233</u>		*Structure #: <u>OK-2233</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P UR		
Diaphragms	E G F P <u>N/A</u> UR		
Bracing	E <u>G</u> F P N/A UR		
Under-trussing	E G F P <u>N/A</u> UR		
Hardware	E <u>G</u> F P N/A UR	<u>Bolted connections</u>	
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR		
Stream CHANNEL			
*Est. Present Water Level Depth <u>2.0</u> (m)		*Est. Present Water Level Width <u>12.0</u> (m)	
		*Est. High Water Level Clearance <u>8.0</u> (m)	
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>
Ice?	Yes <u>No</u>	Debris?	Yes <u>No</u>
Aggradation?	Yes <u>No</u>		
Comments			
REPAIRS: ☒ Recommended ☒ Not required (H = High, M = Medium, L = Low)			
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H <u>M</u> L		tighten loose rails - consider replacing due to age
2	H <u>M</u> L		post bridge ahead signs
3	H <u>M</u> L		brush approaches
*Monitoring Status: ☐ Recommended ☒ Not required			
Monitor Item #	*Monitor Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
1	Right bearing	5	Left bearing
2	from left	6	Girders
3	Right abutment	7	Left abutment
4	from right	8	from upstream
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	
		Inspector's Estimate of Full Log Haul Traffic Replacement Date (year): <u>2045</u> (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)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
<u>2013/09/25</u>	<u>ONSITE</u>	<u>Jeremy Araki</u>	
Inspector's Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>109 tonnes</u> (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd)	
		<u>2016/09/30</u>	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
<u>MoF</u>	<u>TMiller</u>		<u>2014/01/06</u>
PEng Reviewer's Comments			
<u>Tighten guardrail and consider replacing them along with risers and sideblocks due to age. Post</u>			

* Denotes Mandatory Information for Corporate Bridge Register bridge ahead signs and brush approaches.
Present load rating of L120 or 109 tonnes to continue.





CK-2233 Right bearing



CK-2233 From left



CK-2233 Right abutment



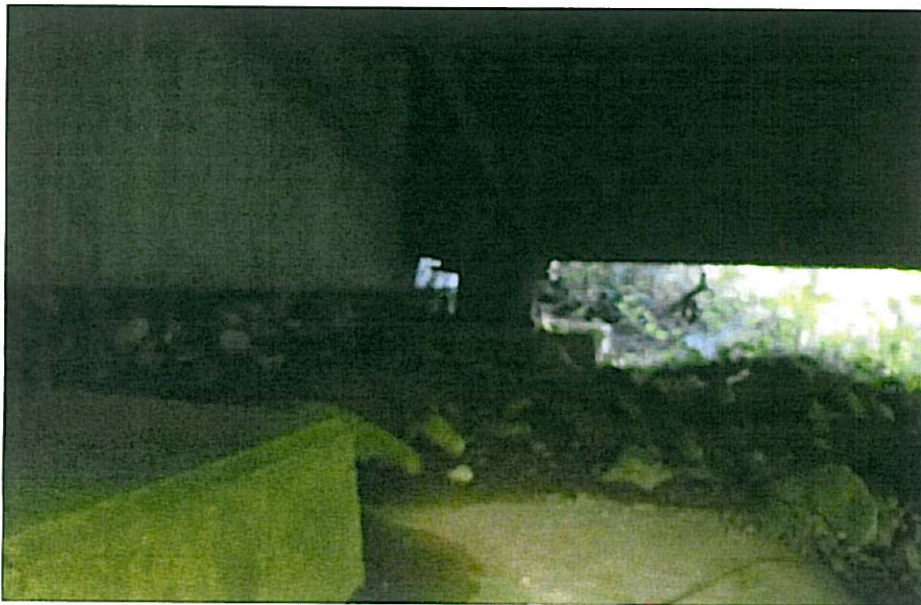
CK-2233 From right



CK-2233 Left bearing



CK-2233 Girders



CK-2233 Left abutment



CK-2233 From upstream