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Exp 10

10

ACTIVE



BC Ministry of
Forests and Range

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

GENERAL	
*Structure # <u>CK-2277</u>	*Site #: <u>CK-2277</u>
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road: <u>WINSLOW</u>	Kilometres: <u>0.9</u>
*Project File ID#: <u>803</u>	*Br. <u>02</u>
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>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
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): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small>
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK-2277

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

STRUCTURAL DETAILS

Number of Spans:

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

8

Number of Piers:

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):

8.5

*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 #: <u>CR-2277</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>8013</u>		
*Structure #:			*Br. <u>02</u>		
*FSR Name: <u>Winkler</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>0.9</u>	User km:		
Longitude: (ddd / mm / ss.s) <u>49 28 53.8</u>	☒ OR ☐	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>121 12 56.0</u>					
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	0 <u>(1)</u> 2				
Delineator Missing Right	0 <u>(1)</u> 2				
Fender Condition	E G <u>(F)</u> P None UR	NO POST BARRIERS			
Posted Load Rating	(tonnes) or None <u>(None)</u>	NOT POSTED			
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 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 <u>(F)</u> P N/A UR	PRECAST CONCR. CAPS			
Caps or Sills	E G <u>(F)</u> P N/A UR	CONCRETE CAPS			
Piles or Posts	E G <u>(F)</u> P N/A UR	PIPE PILES			
Ballast Wall	E G <u>(F)</u> P N/A UR	PRECAST CONCRETE			
Wing Wall	E G F P <u>(N/A)</u> UR				
Bracing	E G <u>(F)</u> P N/A UR				
Hardware	E G <u>(F)</u> 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	RUBBER PADS			
Corrosion Protection	E G <u>(F)</u> P N/A UR				
Span 1 of <u>1</u> (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 G <u>(F)</u> 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	2X SLAB GIRDERS ON SKEL			
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 G F P <u>(N/A)</u> UR				
Gravel Deck Depth	metres or <u>(N/A)</u>				
Curb Rail/Blocks/Posts	E G F <u>(P)</u> UR	ROTEN RAIL & PILES			
Handrails/Walkouts	E G F P <u>(N/A)</u> UR				
Hardware	E G F <u>(P)</u> N/A UR				
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-2277		Structure #		
SUPERSTRUCTURE				
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)		
Girders	E G (F) P UR	2x SLAB GIRDERS		
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	NO SHEAR PLATES		
Stream: CHANNEL				
Est. Present Water Level Depth 3 (m)		Est. Present Water Level Depth 3 (m)		
HAZARDS (circle yes or no for each item)				
High Water?	(Yes) No	Scour?	Yes (No)	
Ice?	Yes No (No)	Debris?	Yes No (Yes)	
Aggradation?				Yes No (No)
Comments BEAVER DAM PARTIALLY PLUGGING INLET				
REPAIRS: ☐ Recommended ☐ Not required (H=High, M=Medium, L=Low)				
Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description	
1	H M (L)		REMOVE BEAVER DAM.	
2	(H) M L		REPLACE RAILS.	
3	H M L			
Monitoring Status: ☐ Recommended ☐ Not required				
Monitor Item #	*Monitor Description			
1				
2				
PHOTO LOG				
Photo #	Description	Photo #	Description	
	BEAVER DAM Yd		DOWN RAIL	
	FROM UPSTREAM		LEFT TO RIGHT	
	LEFT MOVEMENT		RIGHT TO LEFT	
	RIGHT MOVEMENT			
INSPECTOR TO COMPLETE THIS SECTION				
As-built Drawings Checked?	P Eng Inspection Required?	Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):		
Yes (No)	Yes (No)	(P Eng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CER)		
Date of Inspection (yyyy/mm/dd)	Inspector Company Name	Inspector's Name (print)	Inspector's Signature	
2010-09-10	Onsite Eng	Ali Sadeghi		
Inspector's Comments HD				
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonnes):	Date of Next Planned Inspection (yyyy/mm/dd)			
68	2013/09/01			
Reviewer Company Name	Reviewed by - P Eng's Name (print)	Reviewed by - P Eng's Sig	Date Reviewed (yyyy/mm/dd)	
MNRO	G. Dohm	Aug Dohm	2010/09/01	
P Eng Reviewer's Comments				

Denotes Mandatory Information for Corporate Bridges Register



CK2277 Right to left



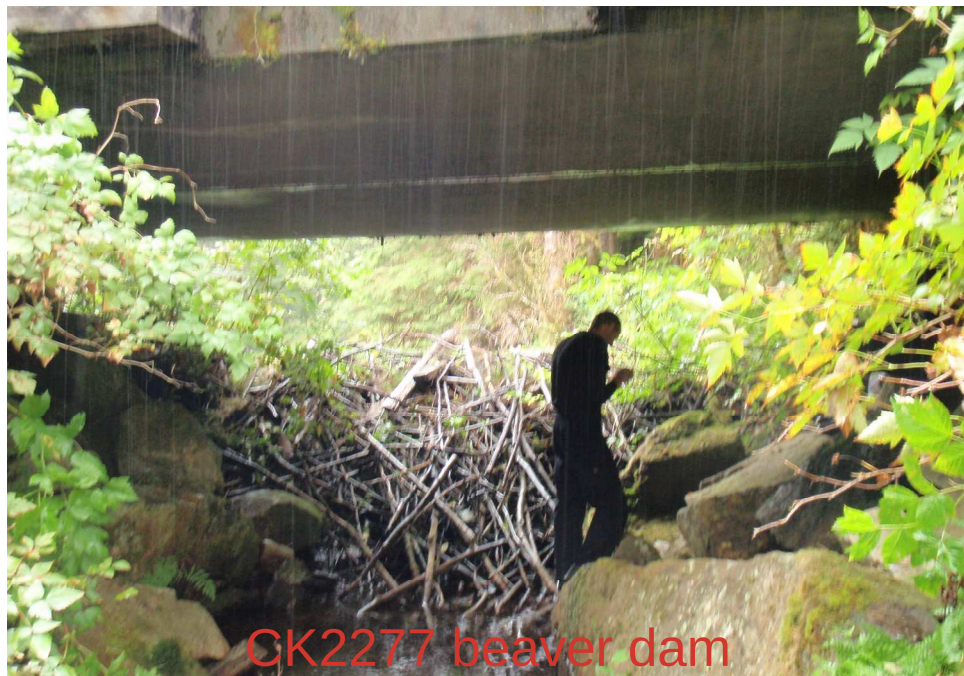
CK2277 Left to right



CK2277 From upstream



CK2277 Left abutment



CK2277 beaver dam



CK2277 Right abutment



CK2277 Rotten rail



CK2277 beaver dam 2