

ACTIVE



BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure #	*Site # <u>CK-2387</u>
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road: <u>CHILLIWACK RIVER</u>	Kilometres: <u>6.7</u>
*Project File ID#: <u>5127</u>	*Br. <u>DI</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): (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

Aug 13

(9)

CK-2387

ACTIVE



BC Ministry of
Forests and Range

Page 2 of 2

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

STRUCTURAL DETAILS			
Number of Spans: <u>1</u>	Length of Spans (m) [e.g. for a 3-span bridge – 20, 35, 20] <u>14.5 16.7</u>		
Number of Piers: <u> </u>	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): <u>17.3</u>	*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): <u>4.9*</u>
*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:			

*FLAIRED
@
THE END

**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>K-2387</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>5127</u>				
*Structure #:			*Br. <u>01</u>				
*FSR Name: <u>CHILLIWACK RIVER</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>6.7</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 02 44.3</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>121 23 53.9</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	Yes 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	NOT POSTED					
Road Surface	E G <u>(F)</u> P UR	LEFT ABUT = PUT TIES AT APPROACH EXPOSING DECK EDGE.					
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> UR						
Piles or Posts	E <u>(G)</u> F P N/A UR	RIP RIVERS					
Ballast Wall	E <u>(G)</u> F P N/A UR	CONCRETE PRECAST					
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 G <u>(F)</u> R N/A UR	DOWNSTREAM LEFT ABUT RIP RAP RAILING AS IT WAS					
Bearings	E G <u>(F)</u> P N/A UR	THE BEARING PLATES (SPECIALLY DOWN STREAM LEFT ABUT)					
Corrosion Protection	E <u>(G)</u> F P <u>(N/A)</u> UR	HAVE FLARED UP BEARING ACROSS STILL FAIRLY GOOD. SEE PICS.					
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 <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	CONCRETE COMP. X 7					
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 N/A <u>(UR)</u>						
Gravel Surface	E G F P N/A <u>(UR)</u>						
Gravel Deck Depth	metres or N/A						
Curb Rail/Blocks/Posts	E <u>(G)</u> F P UR	STEEL W - BEAM					
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-2387		*Structure #:	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E (G) F P UR	2 x 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 / Grouted Shear Connectors	E G F P (N/A) UR		
Stream CHANNEL			
*Est. Present Water Level Depth 0 (m)		*Est. Present Water Level Depth 0 (m)	*Est. Present Water Level Depth HW CLEAR (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)		GRADE APPROACH
2	(H) M L		POST LOAD LIMIT
3	(H) M L		NARROW STRUCTURE SIGNS
*Monitoring Status: ☐ Recommended ☐ Not required			
Monitor Item #	*Monitor Description		
1	SEDIMENT WEDGED UPSTREAM OF STRUCTURE, MONITOR		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	LEFT TO RIGHT		SEDIMENT WEDGE X 4
	POT HOLES X 2		RIGHT ABUT
	RIGHT TO LEFT		LEFT ABUT
	FROM UPSTREAM		FLARED BEARING PLATE X 9
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): (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) 2014-08-13	*Inspection Company Name Onsite Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature
Inspector's Comments			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION			
Current Load Rating GWV (tonnes): 62 (P Eng to update structure details screen in CER as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/01	
Reviewer Company Name Onsite Engineering LTD	Reviewed by - P Eng's Name (print) G. Dohm	Reviewed by - P Eng's S 	Date Reviewed (yyyy/mm/dd) 2010/12/10
P Eng Reviewer's Comments			

FOOTINGS AFTER WINTER STORMS.

DEEPER DECK
STRUCTURE ID

* Denotes Mandatory Information for Corporate Bridge Register



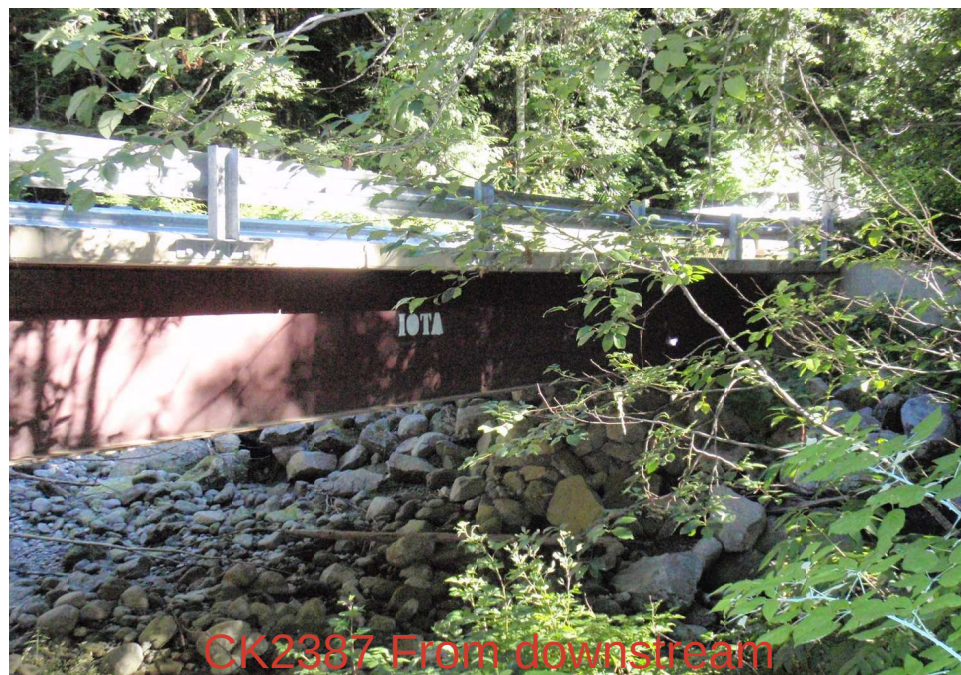
CK2387 Flared bearing plate 8



P8130763



CK2387 Flared bearing plate 7



CK2387 From downstream



CK2387 Downstream left abutment rip...



CK2387 Flared bearing plate 6



CK2387 Downstream left abutment rip...



CK2387 Flared bearing plate 5



CK2387 Structure ID



CK2387 Debris wedge 2



CK2387 Right abutment



CK2387 Debris wedge



CK2387 Flared bearing plate



CK2387 Left abutment



CK2387 Flared bearing plate 4



CK2387 From upstream



CK2387 Debris deposit Upstream2



CK2387 Flared bearing plate 3



CK2387 Debris deposit Upstream



CK2387 Flared bearing plate 2



CK2387 Left to right



CK2387 Right to left



CK2387 Potholes