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BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure # <u>CK-2353</u>	*Site #: <u>CK-2353</u>
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: <u>Chilliwack</u>	Management Area:
*Forest Service Road: <u>Stave-Winslow</u>	Kilometres: <u>1.8</u>
*Project File ID#: <u>8013</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): (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

21-2353

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9

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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] 8.0	
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): 4.3
*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>CK-2353</u>	*Crossing Name:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>8015</u>		*Br. <u>02</u>		
*Structure #:	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>1.8</u>	User km:				
*FSR Name: <u>Stave-Winslow</u>	*Forest District: <u>Chilliwack</u>	*Kilometres: <u>1.8</u>	User km:				
Longitude: (ddd / mm / ss.s) <u>49 29 12.2</u>	☒ OR	UTM Zone	UTM Easting	UTM Northing			
Latitude: (ddd / mm / ss.s) <u>122 12 17.1</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	NO POST BARRIERS					
Fender Condition	E G <u>(F)</u> P None UR	DOWNSTREAM - RIGHT APPROACH HAS BEEN HIT & NOW IT'S IN THE DITCH					
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 Cribbs	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	2X LOCK BLOCKS w/ GEOTRIP					
Caps or Sills	E G <u>(F)</u> P N/A UR	8" x 8" TIMBER, SOME FRUITING BODY GROWING ON THEM.					
Piles or Posts	E G F P <u>(N/A)</u> UR						
Ballast Wall	E G F P <u>(N/A)</u> UR						
Wing Wall	E G F P <u>(N/A)</u> UR						
Bracing	E G F P <u>(N/A)</u> UR						
Hardware	E G F P <u>(N/A)</u> UR						
Fill	E G F P <u>(N/A)</u> UR						
Riprap	E G <u>(F)</u> P N/A UR						
Bearings	E G <u>(F)</u> P N/A UR	RUBBER PADS					
Corrosion Protection	E G F P <u>(N/A)</u> 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	SOME DAMAGE FROM LIKELY TRACK VEHICLES TO OUTSIDE SLABS					
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	3X CONCRETE SLABS					
Grout Pockets	E G F P <u>(N/A)</u> UR						
Deck Joints	E G F <u>(P)</u> N/A UR	SEALANT HAS CRACKED					
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	POOR TIMBER RAILS					
Handrails/Walkouts	E G F P <u>(N/A)</u> UR						
Hardware	E G <u>(F)</u> P N/A UR	LOOSE RAILS					
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																			
Bridge # CK-2353					Structure #														
SUPERSTRUCTURE																			
Item	Present Condition (circle)				Comments (a comment is mandatory if condition "Poor" is selected)														
Girders	E	G	(F)	P	UR	3X CONCRETE SLABS													
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	WOODEN PLATES ???												
Stream CHANNEL																			
Est. Present Water Level Depth (m)			Est. Present Water Level Depth (m)			Est. Present Water Level Depth (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			REPLACE FENCE - 1 INDUSTRIAL ACTIVITY													
2	(H)	M	L			PATCH CONCRETE SURFACE													
3	H	M	L																
Monitoring Status: ☐ Recommended ☐ Not required																			
Monitor Item #	Monitor Description																		
1																			
2																			
PHOTO LOG																			
Photo #	Description					Photo #	Description												
	RIGHT TO LEFT						RIGHT ABUTMENT												
	LEFT TO RIGHT						LEFT ABUT												
	UPSTREAM						UNDERNEATH												
	DOWNSTREAM						MISSING SHEAR PLATES												
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 CBR)													
Date of Inspection (yyyy/mm/dd) 2010-09-10			Inspection Company Name Onsite Engineering			Inspector's Name (Print) Ali Sadeghi			Inspector's Signature 										
Inspector's Comments 1H.																			
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION																			
Current Load Rating GVW (tonnes): (P Eng to update structure details screen in CBR as necessary)					68										Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/01				
Reviewer Company Name MNRO					Reviewed by - P Eng's Name (Print) G. Dohm					Reviewed by - P Eng's Signature 					Date Reviewed (yyyy/mm/dd) 2010/12/09				
P Eng Reviewer's Comments																			

* Denotes Mandatory Information for Corporate Bridge Register



CK2353 Right to left



CK2353 Left to right



CK2353 From upstream



CK2353 From downstream



CK2353 Right abutment



CK2353 Left abutment



CK2353 Underneath



CK2353 Fruiting body on timber sill



CK2353 missing shearplates



CK2353 missing shearplates 2



CK2353 missing shearplates 3