

(4)

ACTIVE

Sep 10

H12

		Corporate Bridge Register (CBR) Structure Inventory Data Form "BRIDGES"		Page 1 of 2
GENERAL				
*Structure #		*Site #: CK-2261		
*Type/Class: ☐ Permanent Bridge ☒ Temporary Bridge		Crossing Name:		
*Forest District: Chilliwack		Management Area:		
*Forest Service Road: STAVE RIVER		Kilometres: 8.5		
*Project File ID#: 8013		*Br. 01		
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder		☐ Operations Division ☐ Road Permit Holder		
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure		☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries		
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



BC Ministry of
Forests and Range

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

Page 2 of 2

STRUCTURAL DETAILS		
Number of Spans: 2	Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 14.2, 22.1	
Number of Piers: 1	Pier Type: ☐ Concrete ☐ Piles - Concrete ☐ Piles - Timber Treated ☐ Steel Column on Concrete Pad ☒ Crib - Timber ☐ Piles - Steel ☐ Piles - Timber Untreated	
Needle Beams? ☐ Yes ☒ No	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:		
*Bridge Length (metres): 36.0	*Superstructure: ☐ Compo Girders ☐ Concrete Cast in Place ☐ Concrete Slab Girders ☒ Log Stringer ☒ Steel I-Beam ☐ Timber-Treated Stringers ☐ Concrete Box Beam ☐ Concrete I/T Beam ☐ Glulam Girder ☐ Steel Box Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Untreated Stringers ☐ Rail Car ☐ Other	
*Deck Type: ☐ Concrete ☐ Concrete Removable ☒ Timber-Treated ☒ Timber-Treated Panels	☐ Concrete Composite ☐ Concrete - Steel Free ☐ Timber-Untreated ☐ Timber-Untreated Panels	*Deck Width (metres): 3.7
*Running Surface: ☐ Anti-Skid ☐ Not Available ☐ Asphalt ☒ Timber Planks ☐ Concrete ☐ Gravel		
*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:		

Not treated



Routine Condition Bridge Inspection Form

(except for log stringer or timber stringer bridges)

GENERAL INFORMATION

*Site # <u>RY-2261</u>	(enter either long/list or UTM below - not both)	
*Structure #:	*Type/Class: ☐ Temporary bridge ☒ Permanent bridge	*Project File ID# <u>B013</u>
*Forest District <u>STAVE RIVER</u>	*Kilometres: <u>8.5</u>	*Br. <u>01</u>
*Forest District <u>Chilliwack</u>	UTM Easting	User km:
Longitude: (ddd / mm / ss.s) <u>49 28 36.9</u>	UTM Zone <u>OR</u>	UTM Northing
Latitude: (ddd / mm / ss.s) <u>122 14 11.2</u>		

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent, G = good, F = fair, P = poor, N/A = not appl., UR = Unrated

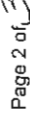
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G <u>(F)</u> P UR	
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	Yes <u>(No)</u>	
Delineator Missing Left	<u>(0)</u> 1 2	
Delineator Missing Right	0 1 2	
Fender Condition	E G <u>(F)</u> P None UR	<u>NO POST REQUIRED</u>
Posted Load Rating	(tonnes) or None <u>(12)</u>	<u>NOT POSTED</u>
Road Surface	E G F 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 <u>(E)</u> P N/A UR	<u>4 X CLOSED FIRED LOG CRIBS ON</u>
Tie-backs	E G <u>(F)</u> P N/A UR	<u>4 X 3 X ON RIGHT ABUT</u>
Bin Wall	E G F P <u>(N/A)</u> UR	
Concrete (cast in place, lock blocks, blocks)	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 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 <u>(F)</u> P N/A UR	<u>LASHED AT CORNERS</u>
Fill	E G <u>(F)</u> P N/A UR	
Riprap	E G F P <u>(N/A)</u> UR	<u>ONLY ON RIGHT CORNERS</u>
Bearings	E G <u>(F)</u> P N/A UR	
Corrosion Protection	E G F P <u>(N/A)</u> UR	

Span 1 of 2 (spans are numbered consecutively starting from the left abutment)**Use Additional Span 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 F P <u>(N/A)</u> UR	
Running Planks	E G <u>(F)</u> P N/A UR	<u>SOME PLANKS REQUIRE REPLACING</u>
Sub-deck	E <u>(G)</u> F P <u>(N/A)</u> UR	<u>CANTERED PLANKS - 12" WIDE</u>
Ties	E G <u>(F)</u> P N/A UR	<u>8" X 12" - 4 X 12"</u>
Nails	E G <u>(F)</u> P N/A UR	<u>400mm spacing</u>
Deck to Girder Bolts	E G F P <u>(N/A)</u> UR	
Concrete Deck	E G F P <u>(N/A)</u> UR	
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 <u>(F)</u> P UR	<u>SOME SECTIONS ROTTEN</u>
Handrails/Walkouts	E G F P <u>(N/A)</u> UR	
Hardware	E G <u>(F)</u> P N/A UR	
Overall Deck Condition	E G <u>(F)</u> P UR	



GENERAL INFORMATION:						
CK-22G1						
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 / Grouded Shear Connectors	E	G	F	P	N/A	UR
Stream Channel						
FEED PRESENT WATER LEVEL (Depth) (m)						
FEED PRESENT WATER LEVEL (Depth) (m)						
HAZARDS (circle yes or no for each item)						
High Water?	Yes	No	Scour?	Yes	No	Dobris? Yes No Aggradation? Yes No
WOOD DEBRIS PILING ABOVE INLET.						
REPAIRS:						
Repair Item #	Priority (circle)	Recommendations	Estimated \$	Repair Description		
1	H M L	/				
2	H M L	/				
3	H M L	/				
Monitoring Status: ☐ Recommended ☒ Not required Monitor Description						
Monitor Item #						
1						
2						
PHOTO LOG						
Photo #	Description	Picture #	Description			
RIGHT TO LEFT	LEFT TO RIGHT		FROM UPSTREAM	TO DOWNSTREAM		
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): <small>(Peng to review and endorse inspector's estimate, and to update T of Log Haul Traffic Requirements (year) on future work sheet in CDR)</small>				
Signature of Inspector ALI SADEGH	Signature of Company MTC Engineering	Inspector's Name (print) ALI SADEGH	Inspector's Signature			
Inspector's Comments 14.00						
PROFESSIONAL ENGINEER (PENG) TO COMPLETE THIS SECTION						
Current Load Rating GVW (tonnes): 54						
Peng to update structure status sheet in CDR as required						
Reviewer Company Name MNRO	Reviewed by - Peng's Name (print) G. Dohm	Reviewed by - Peng's Signature Peng Dohm	Date Reviewed (yyyy/mm/dd) 2012/09/01			
Peng Reviewer's Comments Post at 54 tonnes or L60 design vehicle.						

DIMAS 578544N 176E 11
 RIGHT PIECE #2
 LEFT PIECE #2
 RIGHT ABOUT
 UNDERNEATH SPAN #2
 SPAN #2 BR055 ID



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

USE THIS SHEET FOR ADDITIONAL SPANS

GENERAL INFORMATION		
Site # <u>CK-2261</u>	Structure #	
Span 2 of 2 (spans are numbered consecutively starting from the left abutment)		
DECK		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Running Surface <i>(N/A if running surface is gravel or timber planks)</i>	E G F P <u>N/A</u> UR	
Running Planks	E G <u>F</u> P N/A UR	4" x 12" <u>TIMBER</u>
Sub-deck	E G F P <u>N/A</u> UR	
Ties	E G F P <u>N/A</u> UR	8" x 10" <u>TIMBER</u>
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 F P <u>N/A</u> UR	
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	<u>metres or N/A</u>	
Curb Rail/Blocks/Posts	E G <u>F</u> P UR	<u>SOME SECTIONS ROTTEN</u>
Handrails/ Walkouts	E G F P <u>N/A</u> UR	
Hardware	E G <u>F</u> P N/A UR	
Overall Deck Condition	E G <u>F</u> P UR	
SUPERSTRUCTURE		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Girders	E G <u>F</u> P UR	<u>2 X STEEL I-BEAM</u>
Diaphragms	E G F P <u>N/A</u> UR	
Bracing	E G <u>F</u> P N/A UR	
Under-trussing	E G F P <u>N/A</u> UR	
Hardware	E G <u>F</u> P N/A UR	
Welded / Grouted Shear Connectors	E G F P <u>N/A</u> UR	
PIER 1 of 1 (piers are numbered consecutively starting from the left abutment)		
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Caps	E G <u>F</u> P UR	<u>H-BEAM STEEL</u>
Piles or Posts	E G F P <u>N/A</u> UR	
Concrete	E G F P <u>N/A</u> UR	
Bracing or Sheathing	E G F P <u>N/A</u> UR	
Cribs	E G <u>F</u> P N/A UR	<u>5 X CRIB. OPEN FACE</u>
Hardware	E G <u>F</u> P N/A UR	
Rip Rap	E G <u>F</u> P N/A UR	
Dolphins	E G F P <u>N/A</u> UR	
Bearings	E G <u>F</u> P N/A UR	
Wall	E G F P <u>N/A</u> UR	
Overall	E G <u>F</u> P UR	



CK2261 Right to left



CK2261 Left to right



CK2261 Damaged deck



CK2261 From downstream



CK2261 From downstream 2



CK2261 From upstream



CK2261 From upstream 2



CK2261 Left abutment



CK2261 Right of Pier#1



CK2261 Underneath span #1



CK226 Pier#1 from...



CK2261 Left of Pier#1



CK2261 Right abutment



CK2261 Underneath span #2



CK2261 Structure ID