

CK2174

ACTIVE

L-5

BC Ministry of
Forests and Range

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS			
Number of Spans: <u>1</u>		Needle Beams? ☐ Yes ☐ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] <u>10.3</u>	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage	
Portable Superstructure Storage Location:			
*Bridge Length (metres): <u>11.4</u>	*Superstructure: ☐ Compo Girders ☐ Concrete Box Beam ☐ Concrete Cast in Place ☐ Concrete I/T Beam ☐ Concrete Slab Girders ☐ Glulam Girder ☐ Log Stringer ☐ Other ☐ Rail Car ☐ Steel Box Beam ☒ Steel I-Beam ☐ Steel Truss/Bailey/Acrow ☐ Timber-Treated Stringers ☐ Timber-Untreated Stringers		
*Deck Type: ☐ Concrete ☐ Concrete Composite ☐ Concrete Removable ☐ Gravel ☐ Other ☐ Steel ☐ Steel Free ☐ Timber-Treated ☐ Timber-Treated Panels ☒ Timber-Untreated ☐ Timber-Untreated Panels		*Deck Width (metres): <u>4.3</u>	
*Running Surface: ☐ Anti-Skid ☐ Asphalt ☐ Concrete ☐ Gravel ☐ N/A ☒ Timber Planks			
*Left Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat		*Right Abutment: ☐ Binwall ☐ Concrete Cast in Place ☐ Concrete Lock Blocks ☐ Concrete Precast ☒ Crib, Log or Timber ☐ Other ☐ Pile-Temporary Materials ☐ Pile-Permanent Materials ☐ Sill-Permanent Materials ☐ Sill-Temporary Materials ☐ Steel Pipe & Precast Pat	
Comments:			



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

GENERAL	
*Structure #	*Site #: CK-2174
*Type/Class: ☒ Permanent Bridge ☐ Temporary Bridge	Crossing Name:
*Forest District: Chilliwack	Management Area:
*Forest Service Road: LOST MURDO	Kilometres: 0.7
*Project File ID#: 8466	*Br. 02
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/ Other Ministry ☐ Inherited: Non-Status Road ☐ Inherited: Transfers from Other Ministries ☐ Inherited: Reallocation ☐ New Structure ☐ 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:	

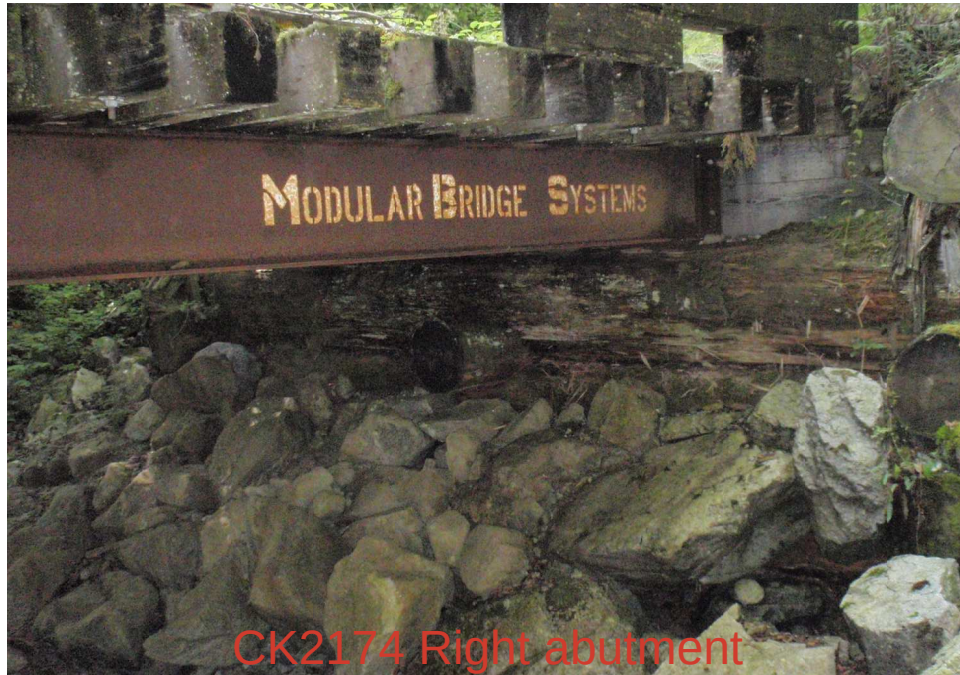
* Denotes Mandatory Information for Corporate Bridge Register

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

GENERAL INFORMATION				(enter either longlat or UTM - not both)		
Site # <u>CK2174</u>		Structure #				
FSR Name <u>LOST-MURDO</u>		User km <u>0.7</u>	Project File ID <u>8466</u>	Branch <u>02</u>		
Longitude: (ddd / mm / ss.s) <u>49 17 23.0</u> OR		UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) <u>122 13 31.7</u>						
LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl.						
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)				
Alignment	E G <u>F</u> P					
Bridge Ahead Signs Missing	0 1 <u>2</u>					
Brushing Required	<u>Yes</u> No					
Delinicator Missing Left	0 1 <u>2</u>					
Delinicator Missing Right	0 1 <u>2</u>					
Fender Condition	E G F <u>P</u> None	OLD LOGS ON RIGHT APPROACH. BULDERS LEFT.				
Posted Load Rating (tonnes)	—	NOT POSTED. SHOULD POST THE BRIDGE LOAD LIMIT.				
Road Surface	E G F <u>P</u>	ROAD BADLY RUTTED UP TO CROSSING.				
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> <u>P</u> N/A	OLD 2X CRIB, BEYOND ITS UTILITY.				
Tie-backs	E G <u>F</u> <u>P</u> N/A	3X				
Bin Wall	E G F P <u>N/A</u>					
Precast Concrete	E G F P <u>N/A</u>					
Caps or Sills	E G <u>F</u> P					
Piles or Posts	E G F P <u>N/A</u>					
Ballast Wall	E G <u>F</u> P	OLD TIMBER				
Wing Wall	E G F P <u>N/A</u>					
Bracing	E G F P <u>N/A</u>					
Hardware	E G F P <u>N/A</u>					
Fill	E G <u>F</u> P					
Riprap	E G <u>F</u> P N/A	LEFT ABUT. SLIGHTLY SCURED.				
Bearings	E G <u>F</u> P					
Corrosion Protection	E G F P <u>N/A</u>					
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	E G F <u>P</u>	ROTTEN.				
Running Planks	E G F <u>P</u> N/A	REPLACE ROTTEN RUNNING PLANKS.				
Sub-deck	E G <u>F</u> <u>P</u> N/A	SOME ROT STAILING.				
Ties	E G F <u>P</u> N/A	ROTTEN TIMBER				
Nails	E G <u>F</u> P N/A					
Deck to Girder Bolts	E G <u>F</u> P N/A					
Concrete Deck	E G F P <u>N/A</u>					
Grout Pockets	E G F P <u>N/A</u>					
Deck Joints	E G F P <u>N/A</u>					
Anti-skid Surface	E G F P <u>N/A</u>					
Gravel Surface	E G F P <u>N/A</u>					
Curb Rail/Blocks/Posts	E G F <u>P</u>	RAILS = TIMBER = ROTTEN.				
Handrails/Walkouts	E G F P <u>N/A</u>					
Hardware	E G <u>F</u> P N/A					
Overall Deck Condition	E G F <u>P</u>	ROTTEN TIES, RUNNING PLANKS & RAIL.				

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

GENERAL INFORMATION			
Site # <u>CK-2174</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>F</u> P	<u>2 x STEEL I BEAMS</u>	
Diaphragms	E G <u>F</u> P <u>N/A</u>		
Bracing	E G <u>F</u> P <u>N/A</u>		
Under-trussing	E G <u>F</u> P <u>N/A</u>		
Hardware	E G <u>F</u> P <u>N/A</u>		
Cracks/Checks in Glulam Girders	E G <u>F</u> P <u>N/A</u>		
Concrete	E G <u>F</u> P <u>N/A</u>		
Shear Connectors	E G <u>F</u> P <u>N/A</u>		
Grout Pockets	E G <u>F</u> P <u>N/A</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.3</u>		Est. Present Water Level Width (m) <u>5</u>	Est. High Water Level Clearance (m) <u>1.0</u>
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 <u>LEFT ABUT. SCOURING.</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	<u>H</u> M L		<u>BRIDGE LOAD LIMIT</u>
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>LEFT TO RIGHT</u>		<u>LEFT ABUT.</u>
	<u>RIGHT TO LEFT</u>		<u>FROM DOWNSTREAM</u>
	<u>FROM UPSTREAM</u>		
	<u>RIGHT ABUT</u>		
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	Date of Inspection (yyyy/mm/dd) <u>2010-08-10</u>
Inspection Company Name <u>Onsite Engineering Ltd.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments <u>L-S LOADING TO REMAIN.</u>			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>5</u>		Date of Next Inspection <u>2011/09/01</u>	
Reviewer Company Name <u>MNRO</u>	Reviewed by - PEng's Name (print) <u>G. Dohm</u>	Reviewed by - PEng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2010/12/01</u>
Comments <u>Please post load rating sign at 5 tonnes.</u>			



CK2174 Right abutment



CK2174 Left to right



CK2174 Left abutment



CK2174 Right to left

