

CK 21-27

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]	Portable Structure? ☐ Yes ☒ No	Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:		
*Bridge Length (metres): <u>21³</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>4⁴</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:		

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

(enter either long/lat or UTM - not both)

Site # CK-212+

Structure #

FSR Name MARISON EAST TALLCREEKUser km 0.6

Project File ID

Branch

Longitude: (ddd / mm / ss.s) 49 32 31.2

OR

UTM Zone

UTM Easting

UTM Northing

Latitude: (ddd / mm / ss.s) 121 45 04.6**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	Yes <u>(No)</u>	
Delineator Missing Left	<u>(0)</u> 1 2	
Delineator Missing Right	<u>(0)</u> 1 2	
Fender Condition	E G <u>(F)</u> P None	LOGS
Posted Load Rating (tonnes)	—	NOT POSTED
Road Surface	E G <u>(F)</u> P	POTHLES ON CAMP APPRO.

LEFT/RIGHT ABUTMENTS (as seen facing downstream)

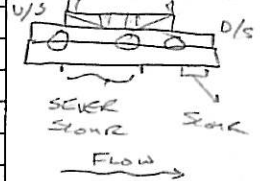
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Log/Timber Cribs	E G F <u>(P)</u> N/A	CAMP: 2X CLOSED FACED w/ 60mm of SAP
Tie-backs	E G F <u>(P)</u> N/A	3X - OLD
Bin Wall	E G F P <u>(N/A)</u>	
Precast Concrete	E G <u>(F)</u> P <u>(N/A)</u>	
Caps or Sills	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	LOGS
Wing Wall	E G F P <u>(N/A)</u>	
Bracing	E G <u>(F)</u> P N/A	LASHED TO TIEBACKS.
Hardware	E G F P N/A	
Fill	E <u>(G)</u> F P	
Riprap	E G F <u>(P)</u> N/A	NO MUCH RIP RAP REMAINING.
Bearings	E G <u>(F)</u> P	
Corrosion Protection	E G F P <u>(N/A)</u>	

Span 1 of _ (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 <u>(F)</u> P	DAM. + WAKEN OUT.
Running Planks	E G F <u>(P)</u> N/A	SOME DAM + ROTEN (3" X 12")
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G <u>(F)</u> P N/A	Fe - Some SAP BUT NOT CRITICAL
Nails	E G <u>(F)</u> P N/A	SOME STICKING OUT
Deck to Girder Bolts	E G F 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 <u>(F)</u> P	
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P N/A	
Overall Deck Condition	E G <u>(F)</u> P	PLC OF ROTEN + DAM. RUNNING PLANKS.

PUT. ABUT. SEVERELY
SCOURED @ MID
CRIB & STARTING TO
SCOUR D/S ALSO.WOODS: 3X CLOSED
FACED CRIB
SOME SCUR.

LOAD



190



290

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

GENERAL INFORMATION			
Site # <u>CK-227</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G <u>(F)</u> P	SOME SURFACE RUST.	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E G <u>(F)</u> P N/A	4X	
Under-trussing	E G F P <u>(N/A)</u>		
Hardware	E G F P <u>(N/A)</u>		
Cracks/Checks in Glulam Girders	E G F P <u>(N/A)</u>		
Concrete	E G F P <u>(N/A)</u>		
Shear Connectors	E G F P <u>(N/A)</u>		
Grout Pockets	E G F P <u>(N/A)</u>		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.5</u>		Est. Present Water Level Width (m) <u>15.0</u>	Est. High Water Level Clearance (m) <u>3.5</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>CAMP + WOODS SCOUR.</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M L		
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	<u>CAMP ABUT SCOUR.</u>		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>C TO W</u>		<u>DAM PLANKS</u>
	<u>U/S</u>		<u>CRACKED RAP</u>
	<u>W/S</u>		<u>WOODS ABUT</u>
	<u>W TO C</u>		<u>CAMP SCOUR</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>2008-10-24</u>
Inspection Company Name <u>First Engineering & Consulting Ltd.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>L100</u>		Date of Next Inspection	
Reviewer Company Name	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.12 16:56:17 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments replace deck and inspect ties for rot; place rip rap at scoured abutment.			

CAMP ABUT
WOODS ABUT