

CK 2279

BC Ministry of
Forests and Range

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Bridge Register Structure Inventory Data Form BRIDGES

STRUCTURAL DETAILS

Number of Spans:

1

Needle Beams?

☐ Yes☒ NoLength of Spans (m)
[e.g. for a 3-span bridge
- 20, 35, 20]13⁹

Portable Structure?

☐ Yes☒ NoPortable Superstructure
Status:☐ Installed☐ Storage

Portable Superstructure Storage Location:

*Bridge Length
(metres):14⁴

*Superstructure:

☐ Compo Girders☐ Concrete Cast in Place☐ Concrete Slab Girders☐ Log Stringer☐ Rail Car☒ Steel I-Beam☐ Timber-Treated Stringers☐ Concrete Box Beam☐ Concrete I/T Beam☐ Glulam Girder☐ Other☐ Steel Box Beam☐ Steel Truss/Bailey/Acrow☐ Timber-Untreated Stringers

*Deck Type:

☐ Concrete☐ Concrete Removable☐ Other☐ Steel Free☐ Timber-Treated Panels☐ Timber-Untreated Panels☐ Concrete Composite☐ Gravel☐ Steel☐ Timber-Treated☒ Timber-Untreated

*Deck Width (metres):

4²

*Running Surface:

☐ Anti-Skid☐ N/A☐ Asphalt☒ Timber Planks☐ Concrete☐ Gravel

*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 # <u>CK-2279</u>	Structure # <u>CK2279</u>		
FSR Name <u>SUMALLO</u>	User km <u>5.6</u> Project File ID <u>7510</u> Branch <u>01</u>		
Longitude: (ddd / mm / ss.s) <u>49 13 48.5</u>	OR UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>121 13 52.5</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	TIGHT VERT CURV.
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	<u>(Yes)</u> No	HINDERS WOODS APP.
Delineator Missing Left	<u>(0)</u> 1 2	
Delineator Missing Right	0 <u>(1)</u> 2	
Fender Condition	E G <u>(F)</u> P None	SCOURGES + LOGS
Posted Load Rating (tonnes)	-	NOT POSTED.
Road Surface	E G <u>(F)</u> P	

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 F P <u>(N/A)</u>	
Tie-backs	E G F P <u>(N/A)</u>	
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	LOG SILL. OLD.
Piles or Posts	E G F P <u>(N/A)</u>	
Ballast Wall	E <u>(G)</u> F P	TREATED 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 <u>(G)</u> F P	
Riprap	E G <u>(F)</u> P N/A	MONITOR D/S WOODS RIP-RAP. SCOUR.
Bearings	E <u>(G)</u> F P	
Corrosion Protection	E G F P <u>(N/A)</u>	

Span 1 of 1 (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 <u>(G)</u> F P	
Running Planks	E <u>(G)</u> F P N/A	4" x 10" UNTREATED
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G <u>(F)</u> P N/A	DRILLED & NO ROT OBSERVED. 8" x 10"
Nails	E <u>(G)</u> F P N/A	
Deck to Girder Bolts	E G F P <u>(N/A)</u>	
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 <u>(G)</u> F P	ROTEN. REPLACE w/ INDUS. ACT.
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E G <u>(F)</u> P N/A	
Overall Deck Condition	E G <u>(F)</u> P	

w/ 400mm SPACING
C-C
fd.

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

GENERAL INFORMATION			
Site # <u>CC-2279</u>		Structure # <u>CK2279</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>(G)</u> F P	2x I-BEAMS. STEEL	
Diaphragms	E G F P <u>(N/A)</u>		
Bracing	E <u>(G)</u> F P <u>(N/A)</u>	4x	
Under-trussing	E G F P <u>(N/A)</u>		
Hardware	E <u>(G)</u> 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>0.2</u>		Est. Present Water Level Width (m) <u>5.0</u>	Est. High Water Level Clearance (m) <u>2.0</u>
HAZARDS (circle yes or no for each item)			
High Water?	Yes <u>(No)</u>	Scour?	<u>(Yes)</u> No
Ice?	Yes <u>(No)</u>	Debris?	Yes <u>(No)</u>
Aggradation?	Yes <u>(No)</u>		
Comments <u>MONITOR SCOUR ON DIS DUE TO LACK OF RIPRAP</u>			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M <u>(L)</u>		REPLACE RAILS, w/ INDUSTRIAL ACT.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	<u>W T U R</u>		<u>RAMP DAM</u>
	<u>W/S</u>		<u>FROM DIS</u>
	<u>DIS</u>		<u>CAMP ARVN</u>
	<u>C TO W</u>		<u>W/OPS ABVT</u>
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes <u>(No)</u>		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-20</u>
Inspection Company Name <u>Fugate Eng & Geo.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>
Comments			
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION			
Current Load Rating GVW (tonnes): <u>54t</u>		Date of Next Inspection	
Reviewer Company Name <u>MFR</u>	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2009.12.24 09:58:39 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments			