

CK 2278

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 ☒ No	
Length of Spans (m) [e.g. for a 3-span bridge - 20, 35, 20] 23 6	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage
Portable Superstructure Storage Location:			
*Bridge Length (metres): 24 3	*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): 4 3	
*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:			

 ⇒ STEEL I-BEAM
w/ CONCR. WEB.

**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 - 2278

Structure #

FSR Name SUMALOUser km 1.4Project File ID 7510Branch 01

Longitude: (ddd / mm / ss.s)

OR

UTM Zone

UTM Easting

UTM Northing

Latitude: (ddd / mm / ss.s)

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	POOR HOR. CURVE.
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	OLD LOGS
Posted Load Rating (tonnes)	—	NOT POSTED.
Road Surface	E G <u>(F)</u> P	POTHLES @ BOTH APPROACHES

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 F P	—
Piles or Posts	E <u>(G)</u> F P <u>(N/A)</u>	PIPERISERS ON SPREA FOOT.
Ballast Wall	E <u>(G)</u> F P	CONCR. PRECAST.
Wing Wall	E G F P <u>(N/A)</u>	
Bracing	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P <u>(N/A)</u>	
Fill	E <u>(G)</u> F P	
Riprap	E <u>(G)</u> F P <u>(N/A)</u>	WELL RIPRAPED. CRK SLIGHTLY PINCHED.
Bearings	E <u>(G)</u> F P	RUBBER PADS.
Corrosion Protection	E <u>(G)</u> 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 G F P <u>(N/A)</u>	
Sub-deck	E G F P <u>(N/A)</u>	
Ties	E G F P <u>(N/A)</u>	
Nails	E G F P <u>(N/A)</u>	
Deck to Girder Bolts	E G F P <u>(N/A)</u>	
Concrete Deck	E <u>(G)</u> F P <u>(N/A)</u>	LOADS NEW.
Grout Pockets	E <u>(G)</u> F P <u>(N/A)</u>	
Deck Joints	E <u>(G)</u> 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	UNTREATED TIMBER
Handrails/Walkouts	E G F P <u>(N/A)</u>	
Hardware	E <u>(G)</u> F P <u>(N/A)</u>	
Overall Deck Condition	E <u>(G)</u> F P	

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

GENERAL INFORMATION			
Site # <u>CK-2278</u>		Structure #	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E <u>G</u> F P	STEEL I-BEAM w/ CONCR. WEB.	
Diaphragms	E G F P <u>N/A</u>		
Bracing	E <u>G</u> F P <u>N/A</u>	2X	
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 <u>G</u> F P <u>N/A</u>	CONCR. WEB.	
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>12.0</u>	Est. High Water Level Clearance (m) <u>3.2</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			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	<u>H</u> M L		FILL FOUR POTHOLES ON APPROACHES.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1			
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	W TO C		FROM D/S
	D/S		PUT HILLES X2
	D/S		CAMP ABUT
	W TO C		WOODS ABUT
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>2009-10-20</u>	
Inspection Company Name <u>Foster Eng & Geo.</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>40T</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 10:40:34 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments			