



BC Ministry of
Forests and Range

ck 2133

Page 2 of 2

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] 20.1	Portable Structure? ☐ Yes ☒ No		Portable Superstructure Status: ☐ Installed ☐ Storage																						
Portable Superstructure Storage Location:																									
*Bridge Length (metres): 21.3	*Superstructure: <table border="0"><tr><td>☐ Compo Girders</td><td>☐ Concrete Box Beam</td></tr><tr><td>☐ Concrete Cast in Place</td><td>☐ Concrete I/T Beam</td></tr><tr><td>☐ Concrete Slab Girders</td><td>☐ Glulam Girder</td></tr><tr><td>☐ Log Stringer</td><td>☐ Other</td></tr><tr><td>☐ Rail Car</td><td>☐ Steel Box Beam</td></tr><tr><td>☒ Steel I-Beam</td><td>☐ Steel Truss/Bailey/Acrow</td></tr><tr><td>☐ Timber-Treated Stringers</td><td>☐ Timber-Untreated Stringers</td></tr></table>			☐ 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								
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Comments: Steel I Beam Flange w/ concrete 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 2133	Structure #	ck 2133
FSR Name	Harison west	User km	18.9
Project File ID	6314	Branch	01
Longitude: (ddd / mm / ss.s)	121° 51' 23.1"	OR	UTM Zone
Latitude: (ddd / mm / ss.s)	49° 27' 20.9"	UTM Easting	UTM Northing

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 F (P)	in slump curve
Bridge Ahead Signs Missing	(0) 1 2	
Brushing Required	Yes (No)	
Delineator Missing Left	(0) 1 2	
Delineator Missing Right	(0) 1 2	
Fender Condition	E (G) F P None	No Post Banes
Posted Load Rating (tonnes)	68	
Road Surface	E G (F) P	Pothole Camp side o/s

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 (N/A)	
Tie-backs	E G F P (N/A)	
Bin Wall	E G F P (N/A)	
Precast Concrete	E G F P (N/A)	
Caps or Sills	E (G) F P	
Piles or Posts	E (G) F P N/A	Pipe Piler on Precast Footing
Ballast Wall	E (G) F P	Precast concrete
Wing Wall	E G F P (N/A)	
Bracing	E G F P (N/A)	
Hardware	E G F P (N/A)	
Fill	E (G) F P	
Riprap	E G (F) P N/A	Bedrock control Woodside. Riprap not keyed in Camp side Scour.
Bearings	E (G) F P	Rubber Bearing
Corrosion Protection	E (G) F P N/A	

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 G (F) P	
Running Planks	E G F P (N/A)	
Sub-deck	E G F P (N/A)	
Ties	E G F P (N/A)	
Nails	E G F P (N/A)	
Deck to Girder Bolts	E G F P (N/A)	
Concrete Deck	E G (F) P N/A	Vehicle Track Damage. Flowed Camp side deck.
Grout Pockets	E G (F) P N/A	Slightly indented due to Erosion.
Deck Joints	E (G) F P N/A	
Anti-skid Surface	E G F P (N/A)	
Gravel Surface	E G F P (N/A)	
Curb Rail/Blocks/Posts	E G F P	Damage o/s Camp side Rail. Riser also damaged. (BARELY CRACKED)
Handrails/Walkouts	E G F P (N/A)	
Hardware	E (G) F P N/A	
Overall Deck Condition	E G (F) P	

**Routine Condition Bridge Inspection Form**
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GENERAL INFORMATION			
Site # <u>CK2133</u>		Structure # <u>CK2133</u>	
SUPERSTRUCTURE			
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)	
Girders	E G F P	Steel Flange w/ Concrete webbing, Hairline Crack	
Diaphragms	E G F P (N/A)	Concrete web v/s new woods	
Bracing	E (G) F P N/A		
Under-Bracing	E G F P (N/A)		
Hardware	E (G) F P N/A		
Cracks/Checks in Glulam Girders	E G F P (N/A)		
Concrete	E G (F) P N/A	Concrete web: small hairline fracture.	
Shear Connectors	E G F P (N/A)		
Grout Pockets	E G F P (N/A)		
CHANNEL			
Est. Present Water Level Depth (m) <u>0.3</u>		Est. Present Water Level Width (m) <u>12.0</u>	Est. High Water Level Clearance (m) <u>2.4</u>
HAZARDS (circle yes or no for each item)			
High Water?	Yes (No)	Scour?	Yes (No)
Ice?	Yes (No)	Debris?	Yes (No)
Aggradation?	Yes (No)		
Comments			
REPAIRS (H = High, M = Medium, L = Low)			
#	Priority (circle)	Estimate (\$)	Description
1	H M (L)		Repair Riser + Curb v/s near Camp Abut.
2	H M L		
3	H M L		
ITEMS TO MONITOR			
#	Description		
1	Hairline Crack on concrete web of Girder. v/s near woods Abut.		
2			
PHOTO LOG			
Photo #	Description	Photo #	Description
	Camp to Wood		Chwick + Damage Rail
	v/s		2 x Wood abutment
	v/s		CAMP ABUT X2
	Wood to Camp		From v/s
INSPECTOR TO COMPLETE THIS SECTION			
As-built Drawings Checked? Yes (No)	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-06</u>	
Inspection Company Name <u>FORNE ENGINEERING</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>L150</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: 2010.01.13 08:51:23 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments			