Date Printed: 2013/09/10
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Structure #:	CK-2371	**Site #:**	CK-2371	**Road Name:**	KAREN CREEK	**Inspection Date:**	2013/08/28
KM:	2.26	**User km:**	2.26	**Crossing Name:**	Not Known	**Next Inspection Date:**	2016/08/28
Project File ID #:	8240	**Br.**	01	**Forest District:**	Chilliwack Forest District		

Deck Type:	Concrete Composite			**Running Surface:**	Concrete
Superstructure	Steel I-beam			**Abutments (Left/Right):**	Steel Pipe and Precast Pad
Total Length *(metres)*:	18.3	**# Spans:**	1	**Span Length(s)** *(metres)*:	0
UTM Zone:	10	**UTM Easting:**	626710	**UTM Northing:**	5480004
Inspector Name:	T. Miller	**Year Built:**		1999	

Access: Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011

ABUTMENTS

Bearings	Fair	rubber pads starting to buldge
Bracing	Fair	minor damage left side
Ballast Wall	Fair	
Corrosion Protection	Good	
Caps or Sills	Fair	steel plates and rubber pads
Fill	Fair	
Hardware	Not Applicable	
Piles or Posts	Good	
Riprap	Fair	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Good	
Posted Load Rating	68	
Road Surface	Fair	

DECK

Span 1

Concrete Deck	Fair	minor track damage
Curb Rail/Blocks/Posts	Poor	rotten risers and blocks
Deck Joints	Fair	

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Grout Pockets	Fair	shovelled sediment off deck to see 2 panels, rating based on that visual
Hardware	Poor	loose rail
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Poor	due to rail
Running Surface	Fair	sediment on deck

SUPERSTRUCTURE

Span 1

Bracing	Good	bolted
Diaphrams	Good	bolted
Girders	Good	2 steel I-beams
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	3.0
Estimated High Water Level Clearance:	1.5		

HAZARDS

High Water:	No	**Scour:**	No	**Ice:**	No	**Debris:**	No	**Aggradation:**	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	High	$1.00	replace guardrail, risers and blocks
2	Recommended	Medium	$1.00	post bridge ahead signs
3	Recommended	Medium	$1.00	clean sediment off deck

MONITORS

#	Description
1	buldging pads

GENERAL

Professional Inspection Required?	No	**Regional Review Date:**	2013/09/10	**P. Eng Reviewer Name:**	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2039	**Replacement Date for light vehicle traffic** *(year)*:			
Current Load Rating GVW *(tonnes)*:	68	**Design Load GVW** *(tonnes)*:	68	**Design Vehicle Config.:**	L75
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:	
PEng Reviewer's Comment:	Replace guardrail, risers and blocks. Post bridge ahead signs and clean sediment off deck. Monitor buldging bearing pads. Present load rating of L75 or 68 tonnes to continue.

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District Staff Comment:

Sept 10/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995