



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/09/10
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2370	Site #:	CK-2370	Road Name:	KAREN CREEK	Inspection Date:	2013/08/28
KM:	1.81	User km:	1.81	Crossing Name:	Karen Creek	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):	21.6	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	626738	UTM Northing:	5480255		
Inspector Name:	T. Miller			Year Built:	1999		
Access:	Driving from Hope on Highway #5 turn left onto Dewdney Temp FSR turn left off of Dewdney Temp FSR onto Dewdney Creek FSR turn right off of Dewdney Creek FSR onto Karen Creek FSR						

ABUTMENTS

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

APPROACHES

Alignment	Fair	HC both approaches and VC at left approach
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	
Curb Rail/Blocks/Posts	Poor	risers and blocks rotten
Deck Joints	Fair	some minor cracks noted - not all the way thru



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Grout Pockets	Fair										
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										
Diaphragms	Good	5 bays - 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:		3.0								
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	monitor bulging pads									
	2	monitor cracks in deck joints									
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 sideblocks prior to industrial activity. Post bridge ahead signs and clean sediment from deck. Monitor cracks in deck joints and bulging bearing pads. Present load rating of L75 or 68 tonnes to continue.								
Corporate Bridge Register (CBR)											



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District Staff Comment:							

T.W. Miller
Sept 10/2013







