



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

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Date Printed: 2013/08/27

User Id: IDIR\TYSMILLE

Database: PROD

Report Id: CBR001A

Structure #:	CK-2108	Site #:	CK-2108	Road Name:	HARRISON EAST	Inspection Date:	2013/07/04
KM:	30.70	User km:	30.70	Crossing Name:	Not Known	Next Inspection Date:	2016/07/04
Project File ID #:	5748	Br.	01	Forest District:	Chilliwack Forest District		
Deck Type:	Concrete	Running Surface:	Concrete				
Superstructure	Concrete Slab Girders	Abutments (Left/Right):	Steel Pipe and Precast Pad				
Total Length (metres):	9.0	# Spans:	1	Span Length(s) (metres):	9		
UTM Zone:	10	UTM Easting:	585542	UTM Northing:	5492057		
Inspector Name:	T. Miller	Year Built:	2009				
Access:	New bridge 2009 Updated by M.Kirk, Onsite Engineering Ltd, Jan 2011						

ABUTMENTS

Bearings	Good	
Bracing	Unrated	buried
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	cap/wall combo
Fill	Good	
Hardware	Not Applicable	
Piles or Posts	Unrated	buried
Riprap	Fair	seems undersized, at at the surface
Wing Wall	Fair	lock blocks D/S right

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Good	
Posted Load Rating	136	136 tonnes
Road Surface	Poor	potholes, req's grading

DECK

Span 1

Concrete Deck	Good	
Curb Rail/Blocks/Posts	Good	w-beam with steel risers
Deck Joints	Not Applicable	



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Grout Pockets	Not Applicable									
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Hardware	Good									
Hand Rails/Walkouts	Not Applicable									
Overall Deck Condition	Fair									
Running Surface	Fair			sediment on deck						
SUPERSTRUCTURE										
Span 1										
Bracing	Not Applicable									
Hardware	Not Applicable									
Welded/grouted shear connect	Not Applicable			no shear keys						
CHANNEL	Estimated Present Water Level Depth:	0.0	Estimated Present Water Level Width:	0.0						
	Estimated High Water Level Clearance:	1.6								
HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									
REPAIRS	#	Status	Priority	Estimate	Description					
	1	Recommended	Medium	\$1.00	grade and brush					
MONITORS	#	Description								
GENERAL	Professional Inspection Required?	No	Regional Review Date:	2013/08/27	P. Eng Reviewer Name:	Tyson Miller				
	Replacement Date for full log haul traffic (year):	2054	Replacement Date for light vehicle traffic (year):	2054						
	Current Load Rating GVW (tonnes):	136	Design Load GVW (tonnes):	136	Design Vehicle Config.:	L150				
	Inspector's Estimated Full Log Haul Replacement (year):									
	Inspector's Comment:									
	PEng Reviewer's Comment:	No shear keys in the design, monitor for movement. Grade and brush approaches. Present load rating of L150 or 136 tonnes to continue.								
	District Staff Comment:									
Corporate Bridge Register (CBR)										

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Aug 27 / 2013







