



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3
Date Printed: 2016/01/27
User Id: IDIRJOLMSTED
Database: PROD
Report Id: CBR001A
File:

Structure #:	G6-637	Site #:	G6-637	Road Name:	FINLAY FSR	Inspection Date:	2015/06/17
KM:	7.30	User km:	24.00	Crossing Name:	Isola Creel	Next Inspection Date:	2018/06/17
Project File ID #:	7829	Br.	01A	Forest District:	Mackenzie Natural Resource District		
Deck Type:	Concrete			Running Surface:	Concrete		
Superstructure	Steel I-beam			Abutments (Left/Right): (looking downstream)	Steel Pipe and Precast Pad		
Total Length (metres):	14.8	# Spans:	1	Span Length(s) (metres):	14.8		
UTM Zone:	10	UTM Easting:	374794	UTM Northing:	6291135		
Inspector Name:	Hans Beruskens			Year Superstructure Installed:	2000		
Access:	bridge taken over from Conifex when road was amended into the Finlay FSR 01A						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Caps or Sills	Good	
Fill	Good	
Hardware	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	one sign is down.
Brushing Required	Yes	
Delineator Missing Left (approaching structure)	2	
Delineator Missing Right (approaching structure)	2	
Fender Condition	Fair	one side to be reset
Road Surface	Good	

DECK

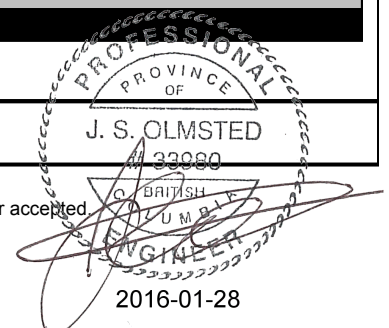
Span 1

Concrete Deck	Good	
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Corporate Bridge Register (CBR)

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Curb Rail/Blocks/Posts	Poor	rotten and damaged. Replace
Deck Joints	Good	
Grout Pockets	Good	
Hardware	Fair	
Hand Rails/Walkouts	Not Applicable	
Overall Deck Condition	Good	
Running Surface	Good	

SUPERSTRUCTURE

Span 1

Bracing	Good	
Diaphragms	Good	
Girders	Good	
Hardware	Good	
Under Trussing	Not Applicable	

CHANNEL	Estimated Present Water Level Depth:	3.5	Estimated Present Water Level Width:	0.3
	Estimated High Water Level Clearance:	1.5		

HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No
	Comment:	Upstream movement of the stream will need to addressed over time.								

REPAIRS	#	Status	Priority	Estimate	Description
	1	Required	High	\$1.00	replace rotten bullrails with HSS.(in DMK yard.
	2	Required	High	\$1.00	delineators and signs.
	3	Required	High	\$1.00	reset fenders
	4	Required	Medium	\$1.00	add additional riprap as stream is starting to scour upstream of bridge.

MONITORS	#	Description

GENERAL	Inspector's Comment:	Structurally sound. Requires bullrails, delineators, fenders reset and signs Rip rap required upstream to contain channel
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GENERAL	PEng's Comment:	Rails should have been replaced with HSS. Need District to confirm.					
GENERAL	Replacement Date for full log haul traffic (year):			2045	Replacement Date for light vehicle traffic (year):		
	Current Inspection Load Rating:		91	Design Load GVW (tonnes):		91	Design Vehicle Config.:
							L100
	Professional Inspection Required?		No	Report Status:	Reviewed By Jason Olmsted on 1/27/2016 3:22:45PM		

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