



BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Page 1 of 3
Date Printed: 2016/01/26
User Id: IDIRJOLMSTED
Database: PROD
Report Id: CBR001A
File:

Structure #:	G6-414	Site #:	G6-414	Road Name:	THNA 44000	Inspection Date:	2015/09/22
KM:	0.80	User km:		Crossing Name:	UNK	Next Inspection Date:	2018/09/22
Project File ID #:	10619	Br.	01	Forest District:	Mackenzie Natural Resource District		
Deck Type:	Concrete Composite			Running Surface:	Concrete		
Superstructure	Steel I-beam			Abutments (Left/Right): (looking downstream)	Steel Pipe and Precast Pad		
Total Length (metres):	27.4	# Spans:	1	Span Length(s) (metres):	27.4		
UTM Zone:	10	UTM Easting:	395846	UTM Northing:	6144957		
Inspector Name:	Edward Folk, P.Eng.			Year Superstructure Installed:	2009		
Access:							

ABUTMENTS

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

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	Good	d/s empty side, one piece needs to be repositioned
Road Surface	Good	

DECK

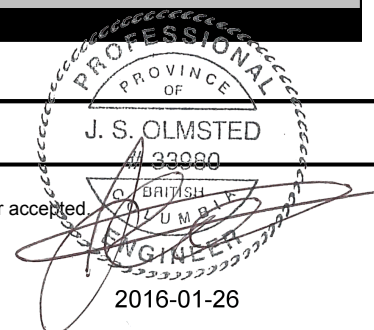
Span 1

Concrete Deck	Good	
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Corporate Bridge Register (CBR)

Disclaimer:

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- Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.





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Curb Rail/Blocks/Posts	Poor	post, brackets and rails are neither galvanized or painted as per MFLNRO specifications
Deck Joints	Good	
Grout Pockets	Poor	well below deck elevation, appears as if not enough grout used during initial construction
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:	0.5	Estimated Present Water Level Width:	16.0
	Estimated High Water Level Clearance:	2.0		

HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									

REPAIRS	#	Status	Priority	Estimate	Description
	1	Required	Low	\$100.00	concrete no post-d/s empty side, one piece needs to be repositioned
	2	Required	Medium	\$3,000.00	complete grouting of pockets to be above deck elevation

MONITORS	#	Description

GENERAL	Inspector's Comment:	

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GENERAL	PEng's Comment:						
GENERAL	Replacement Date for full log haul traffic (year):			2050	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 1/26/2016 9:03:47AM			

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