Date Printed: 2015/12/23
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001A
File:

BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Structure #:	G1-756	**Site #:**	G1-756	**Road Name:**	WILLOW FSR	**Inspection Date:**	2015/06/18
KM:	47.50	**User km:**	147.50	**Crossing Name:**	George Creek	**Next Inspection Date:**	2018/06/18
Project File ID #:	4843	**Br.**	01	**Forest District:**	Prince George Natural Resource District		

Deck Type:	Timber - Treated		**Running Surface:**	Timber Planks	
Superstructure	Other		**Abutments (Left/Right):** *(looking downstream)*	Steel Pipe and Precast Pad/Pile -Permanen	
Total Length *(metres)*:	42.0	**# Spans:**	3	**Span Length(s)** *(metres)*:	6, 16, 20
UTM Zone:	10	**UTM Easting:**	552644	**UTM Northing:**	5950381
Inspector Name:	Sean Hawryluk	**Year Superstructure Installed:**	1970		
Access:					

ABUTMENTS

Bearings	Fair	Left shims on stringers ever other one. Right u/s bearing pad damaged
Bracing	Unrated	Buried
Ballast Wall	Good	
Corrosion Protection	Not Applicable	
Caps or Sills	Good	Treated timber
Fill	Good	
Hardware	Good	
Piles or Posts	Unrated	Buried
Riprap	Good	
Wing Wall	Fair	Left u/s only at pier 1, planks rotten

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left (*approaching structure*)	0	
Delineator Missing Right (*approaching structure*)	0	u/s side not very visible
Fender Condition	Good	
Road Surface	Fair	Some minor pot holes

DECK

Span 1

Curb Rail/Blocks/Posts	Fair	Rotting in damaged places

Corporate Bridge Register (CBR)

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. S. OLMSTED
33080
2015-12-23

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Deck to Girder Bolts	Good	
Hardware	Fair	
Hand Rails/Walkouts	Poor	Exterior supports, hand rails, and under tie restraints are very rotten
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Poor	Rotting. Wear planks have heavy tracked vehicle damage
Sub Deck	Good	
Ties	Unrated	N/A. Stringers in place
Span 2		
Curb Rail/Blocks/Posts	Fair	Some are rotten
Deck to Girder Bolts	Good	Wooden girder
Hardware	Fair	
Hand Rails/Walkouts	Poor	Exterior supports, hand rails, and under tie restraints are very rotten
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Poor	Rotting. Wear planks have heavy tracked vehicle damage
Sub Deck	Good	
Ties	Fair	
Span 3		
Curb Rail/Blocks/Posts	Fair	Some are rotten
Deck to Girder Bolts	Good	3 girders
Hardware	Fair	
Hand Rails/Walkouts	Poor	Exterior supports, hand rails, and under tie restraints are very rotten
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Poor	Rotting. Wear planks have heavy tracked vehicle damage
Sub Deck	Good	
Ties	Fair	
PIERS		
Pier 1		
Bearings	Fair	Timber on timber with angle iron
Bracing or Sheathing	Good	

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Caps	Good	
Cribs	Not Applicable	
Dolphins	Good	Treated
Hardware	Fair	
Overall	Good	
Piles or Posts	Good	Treated
Riprap	Not Applicable	
Pier 2		
Bearings	Unrated	Not visible
Bracing or Sheathing	Good	Concrete wall
Caps	Good	
Cribs	Not Applicable	
Dolphins	Not Applicable	
Hardware	Unrated	Not visible
Overall	Good	
Piles or Posts	Good	
Riprap	Not Applicable	Should have rip rap to prevent undermining banks behind and under walls
SUPERSTRUCTURE		
Span 1		
Bracing	Fair	
Hardware	Fair	
Span 2		
Bracing	Fair	
Hardware	Fair	
Span 3		
Bracing	Good	
Hardware	Good	

CHANNEL

Estimated Present Water Level Depth:		**Estimated Present Water Level Width:**	
Estimated High Water Level Clearance:			

HAZARDS

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

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REPAIRS

#	Status	Priority	Estimate	Description
1	Required	High	$0.00	Repair handrails and support system
2	Required	High	$0.00	Replace rotten guardrails and risers
3	Required	Medium	$0.00	Add rip rap to stream bank under pier 2

MONITORS

#	Description
1	Monitor further scour under walls of pier 2
2	Monitor rot in running surface planks

GENERAL

Inspector's Comment:	

GENERAL

PEng's Comment:	

GENERAL

Replacement Date for full log haul traffic *(year)*:	2016	**Replacement Date for light vehicle traffic** *(year)*:			
Current Inspection Load Rating:	91	**Design Load GVW** *(tonnes)*:	91	**Design Vehicle Config.:**	
Professional Inspection Required?	No	**Report Status:**	Reviewed By Jason Olmsted on 12/23/2015 3:16:33PM		

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