Date Printed: 2016/01/27
User Id: IDIR\JOLMSTED
Database: PROD
Report Id: CBR001C
File:

BC Ministry of Forests and Range

Major Culvert Inspection Report

Structure #:	G6-411	**Site #:**	G6-411	**Road Name:**	THUTADE-NATION	**Inspection Date:**	2015/09/22
KM:	14.90	**User km:**	66.60	**Crossing Name:**	Unnamed creek	**Next Inspection Date:**	2018/09/22
Project File ID #:	9147	**Br.**	02	**Forest District:**	Mackenzie Natural Resource District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover *(mm)*:	1,500		**Outlet Cover** *(mm)*:	1,500	
Footing Type:			**Gradient** *(%)*:		
Culvert Length *(metres)*:	18.0	**Opening Height** *(mm)*:	1,200	**Opening Width** *(mm)*:	1,200
UTM Zone:	10	**UTM Easting:**	421046	**UTM Northing:**	6137640
Inspector Name:	Edward Folk, P.Eng.		**Year Superstructure Installed:**	1987	
Access:					

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	not applicable
Brushing Required	No	
Delineator Missing Left (*approaching structure*)	0	not applicable
Delineator Missing Right (*approaching structure*)	0	not applicable
Fender Condition	None	
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Not Applicable	
Coupled Connections	Fair	
Coating	Fair	
Embedment Materials	Fair	
Fill	Good	
Floor	Fair	rusting
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Fair	debris in front of inlet
Outlet	Fair	sbmerged-beaver dam downstream
Overall	Fair	

Corporate Bridge Register (CBR)

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. S. OLMSTED
33080
2016-01-28

Disclaimer:
1) Structure and site information is current at the time of report creation and may have changed since the inspection was submitted and/or accepted.
2) Historic Load Rating data not available, contact FLNRO Regional Office for detailed information.

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Riprap	Good	
Roof	Fair	slight sag in middle third
Side Walls	Fair	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	**Estimated Present Water Level Width:**	1.5
Estimated High Water Level Clearance:	0.5		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	Yes	Aggradation:	No

Comment: debris at inlet

REPAIRS

#	Status	Priority	Estimate	Description

MONITORS

#	Description
1	Continue to monitor sag and couple in middle third as can be seen from the outlet

GENERAL

Inspector's Comment:

GENERAL

PEng's Comment:

GENERAL

Replacement Date for full log haul traffic *(year)*:	2027	**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 1/27/2016 2:37:20PM

Corporate Bridge Register (CBR)

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