



BC Ministry of Forests, Lands, and Natural Resource Operations

Permanent Bridge Inspection Report

Page: 1 of 3
Date Printed: 2019/02/04
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

Structure #:	CK-2032	Site #:	CK-2032	Road Name:	STATLU	Inspection Date:	2018/04/17
KM:	4.90	User km:	4.90	Crossing Name:	Statlu Creek	Next Inspection Date:	2021/07/17
Project File ID #:	8241	Br.	02	Forest District:	Chilliwack Natural Resource District		
Deck Type:	Concrete Composite			Running Surface:	Concrete		
Superstructure	Steel I-beam			Abutments (looking downstream)	Left Right	Steel Pipe and Precast Pad Steel Pipe and Precast Pad	
Total Length (metres):	39.2	# Spans:	2	Span Length(s) (metres):	13.9, 23.8		
UTM Zone:	10	UTM Easting:	566827	UTM Northing:	5467683		
Inspector Name:	T. Miller			Year Superstructure Installed:	1997		
Access:	Drive north on road north of Harrison Bay. Turn left onto Chehalis FSR. Turn left onto Chehalis - Statlu Creek FSR						

ABUTMENTS

Bearings	Good	
Bracing	Good	
Ballast Wall	Good	
Corrosion Protection	Good	
Fill	Good	
Piles or Posts	Good	
Riprap	Good	
Wing Wall	Good	downstream right bank only

APPROACHES

Alignment	Fair	Good right approach, HC and VC left approach
Bridge Ahead Signs Missing	0	
Brushing Required	No	
Delineator Missing Left (approaching structure)	0	
Delineator Missing Right (approaching structure)	0	
Fender Condition	None	none at right approach
Posted Load Rating	136	
Road Surface	Fair	

DECK

Span 1

Corporate Bridge Register (CBR)

Disclaimer:

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



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Concrete Deck	Good						
Curb Rail/Blocks/Posts	Good						
Deck Joints	Fair	hairline cracks on the surface and evidence that water is getting through random joints					
Grout Pockets	Good						
Hardware	Good						
Overall Deck Condition	Fair						
Running Surface	Fair						
Span 2							
Concrete Deck	Good						
Curb Rail/Blocks/Posts	Good						
Deck Joints	Fair	hairline cracks on the surface and evidence that water is getting through random joints					
Grout Pockets	Good						
Hardware	Good						
Overall Deck Condition	Fair						
Running Surface	Fair						
PIERS							
Pier 1							
Bearings	Unrated	difficult to completely assess but appear fair from deck					
Cribs	Fair	the Pier is actually concrete with hairline crack that doesn't appear to be getting any worse					
Hardware	Fair						
Overall	Fair						
SUPERSTRUCTURE							
Span 1							
Bracing	Good						
Diaphragms	Good						
Girders	Good						
Hardware	Good						
Span 2							
Bracing	Good						
Diaphragms	Good						

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Structure #:	CK-2032	Site #:	CK-2032	Road Name:	STATLU	Inspection Date:	2018/04/17			
Girders	Good									
Hardware	Good									
CHANNEL	Estimated Present Water Level Depth:	1.0	Estimated Present Water Level Width:	16.0						
	Estimated High Water Level Clearance:	2.5								
HAZARDS	High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									
REPAIRS	#	Status	Priority	Estimate	Description					
	1	Suggested	Low	\$	remove grader berm at left approach					
	2	Suggested	Medium	\$	Place proper fender logs or concrete no post barriers at both approaches					
MONITORS	#	Description								
	1	delaminating rubber bearing pads downstream left bank								
	2	hairline crack on the pier								
	3	deck joint condition								
GENERAL	Inspector's Comment:	Grader berm at left approach directly surface water down road and onto the bridge deck								
GENERAL	PEng's Comment:	Place fenders or concrete no post barriers at both approaches. Remove the grader berm at the left approach. Continue to monitor the condition of pier, the deck joints and the rubber bearing pad condition. Current load rating of L150 or 136 tonnes to continue.								
GENERAL	Replacement Date for full log haul traffic (year):	2037	Replacement Date for light vehicle traffic (year):							
	Current Inspection Load Rating:	See footnote	Design Load GVW (tonnes):	136	Design Vehicle Config.:	L150				
	Professional Inspection Required?	No	Report Status:	In Progress By IDIR\TYSMILLE on 2019/02/04 14:31:57						



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Approach from Right Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Grader berm directing surface water onto bridge deck



Indication of water leaking through random deck joints



CIP pier



Superstructure - mainspan



Minor delaminating of DS left bank bearing plates



Left Bank Abutment when facing downstream



DS pier bearings



Right Bank Abutment when facing downstream



Jumpspan deck joints have evidence of water getting through



DS right bank wing wall



Superstructure - jump span