Date Printed: 2013/12/20
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001A

BC Ministry of Forests and Range

Permanent Bridge Inspection Report

Structure #:	CK-2031	**Site #:**	CK-2031	**Road Name:**	CHEHALIS-STATLU	**Inspection Date:**	2013/07/17
KM:	1.80	**User km:**	1.70	**Crossing Name:**	Statlu Creek	**Next Inspection Date:**	2015/07/17
Project File ID #:	8241	**Br.**	02	**Forest District:**	Chilliwack Forest District		

Deck Type:	Timber - Untreated	**Running Surface:**	Timber Planks
Superstructure	Steel I-beam	**Abutments (Left/Right):**	Concrete Cast in Place

Total Length *(metres)*:	20.8	**# Spans:**	1	**Span Length(s)** *(metres)*:	19.8
UTM Zone:	10	**UTM Easting:**	569165	**UTM Northing:**	5466408
Inspector Name:	T. Miller	**Year Built:**		1988	

Access: Drive north on road north of Harrison Bay. Turn left onto Chehalis FSR. Turn left, onto Chehalis - Statlu Creek FSR

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	old logs
Concrete Cast in Place	Fair	eroding under right cast-in-place - monitor
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Poor	eroding at both approaches
Hardware	Not Applicable	
Piles or Posts	Not Applicable	
Riprap	Not Applicable	cast-in-place on bedrock at both abutments
Wing Wall	Poor	rotting and fill eroding

APPROACHES

Alignment	Fair	
Bridge Ahead Signs Missing	2	
Brushing Required	No	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	Poor	concrete no posts but D/S left approach is loosely supported by timbers and eroding fill
Posted Load Rating	136	
Road Surface	Fair	

DECK

Span 1

Curb Rail/Blocks/Posts	Good	but unequal spacing on risers

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Deck to Girder Bolts	Poor	could not see any - no signs of deck movement
Hardware	Good	
Hand Rails/Walkouts	Not Applicable	
Nails	Fair	
Overall Deck Condition	Fair	
Running Planks	Good	
Sub Deck	Good	
Ties	Fair	new but unequal spacing, especially on right (woods) end

SUPERSTRUCTURE

Span 1

Bracing	Fair	painted, surface rust, welded
Diaphrams	Fair	painted, surface rust, welded
Girders	Fair	2 steel I-beams, painted, surface rust
Hardware	Not Applicable	
Under Trussing	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	2.0	**Estimated Present Water Level Width:**	16.0
Estimated High Water Level Clearance:	3.0		

HAZARDS

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

Comment:

REPAIRS

#	Status	Priority	Estimate	Description
1	Recommended	Medium	$1.00	Repair fill that supports left approach downstream concrete no posts

MONITORS

#	Description
1	scour under right D/S CIP
2	wingwalls

GENERAL

Professional Inspection Required?	No	**Regional Review Date:**	2013/12/2(	**P. Eng Reviewer Name:**	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2028	**Replacement Date for light vehicle traffic** *(year)*:			
Current Load Rating GVW *(tonnes)*:	136	**Design Load GVW** *(tonnes)*:	136	**Design Vehicle Config.:**	L150
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:

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PEng Reviewer's Comment:	Repair fill under left downstream approach concrete no post barriers. Monitor, and consider repairing, scour under cast-in-place footing on right abutment. Due to age and condition of wingwalls monitor fill at both approaches. Present load rating of L150 or 136 tonnes to continue.
District Staff Comment:	

TWM
Dec 20/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995

BRIDGE
LOAD LIMIT
136,090
kg G.V.W.