

From: "Scott Loptson" <sloptson@mcelhanney.com>
To: "Tom Olafson" <tom.olafson@westfraser.com>
Date: 4/17/2006 11:51:24 AM
Subject: Chelaslie Inspection Report

Hi Tom,

I apologize for taking so long to get this to you. Attached are PDF versions of the Inspection Photos and Bridge Inspection Report. Again, it looks like there has been no significant movement of the town-side abutment cribbing (see the last two photos). The lateral bearing restraints were installed correctly (with a couple of the lag screws still to be tightened when the inspector left the site).

Please give me a call if you require anything further.

Sincerely,

Scott Loptson, P.Eng.

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Thank you.

BRIDGE ELEMENT		CONDITION	REMARKS	
SUPER- STRUCTURE SPAN NO. 1	Running Planks	6		
	Structural Decking	3	UNTREATED	
	Concrete Deck	6		
	Gravel Surfacing	6		
	Ties (including shims)	2	TREATED	
	Nails	2		
	Curbs and Blocks	3	UNTREATED	
	Handrails	6		
	Deck to Girder Bolts	6		
	Hardware	2		
	Delineators	5	ALL BROKEN OFF. NEED TO REPLACE.	
	☒ Girders / ☐ Slabs	2		
	Diaphragms	2	DC/DS TAB MISSING(TIE TO GIRDER VERTICAL ONE , HORIZONTAL ONE PRESENT)	
	Bracing	2	ONE BOLT LOOSE D/C DIAPHRAGM. ONE SPACER PLATE MISSING.	
	Trussing	6		
PIERS	Hardware	2		
	Caps	6		
	Piles or Posts	6		
	Concrete	6		
	Bracing or Sheathing	6		
	Cribs	6		
	Hardware	6		
	Riprap	6		
	Overall	6		
	Cribs	2	TREATED. LEANING TOWARDS RIVER, BUT STABLE SINCE 2003.	
	Tie-backs	2		
	Bin Walls	6		
	☐ Caps or ☐ Sills	2	TREATED TIMBER	
	Piles or Posts	6		
	Concrete	2		
ABUTMENTS	Bulkhead Planks	2	TREATED	
	Wing Wall Planks	2	TREATED	
	Bracing	6		
	Hardware	2		
	Fill	2		
	Riprap	2		
	Overall	2		
	APPROACHES			
	PRESENT WATER 1.5 m	PRESENT WATER CLEARANCE: 5 m	ESTIMATED HIGH WATER LEVEL: 3 m	HAZARD(S) DESCRIPTION:
	HAZARDS: ☐ High water ☐ Debris ☐ Scour ☐ Ice ☒ None			
	REPAIR REQUIRED: NO ☒ YES ☐			
	PROFESSIONAL INSPECTION ☐ YES ☒ NO			
	AS BUILT CHECKED? ☐ YES ☒ NO			
	REPAIR DESCRIPTION AND COST ESTIMATE: ADD BRIDGE HAZARD DELINEATOR SIGNS DOWNCHAIN ABUTMENT SHOWING SIGNS OF MOVEMENT, BEING MONITORED: US MONITOR 2 3/8" DS MONITOR 2 9/16"			
	NUMBER OF PICTURES TAKEN: 9		NARROW STRUCTURE SIGN:	PRESENT POSTED RATING
☐ YES ☒ NO		☐ YES ☒ NO	SUGGESTED REPLACEMENT DATE: _____ at new load rating _____ at original design load _____	
COMMENTS:				
INSPECTION SIGNATURE: Tony Konst, McElHanney		REVIEWED AND NOTED BY (SIGNATURE)  Scott Lopison, P.Eng.	DATE SIGNED Y M D 2006/04/07	

Chelaslie River Bridge Inspection

Photo 1

Looking upchain
across bridge.

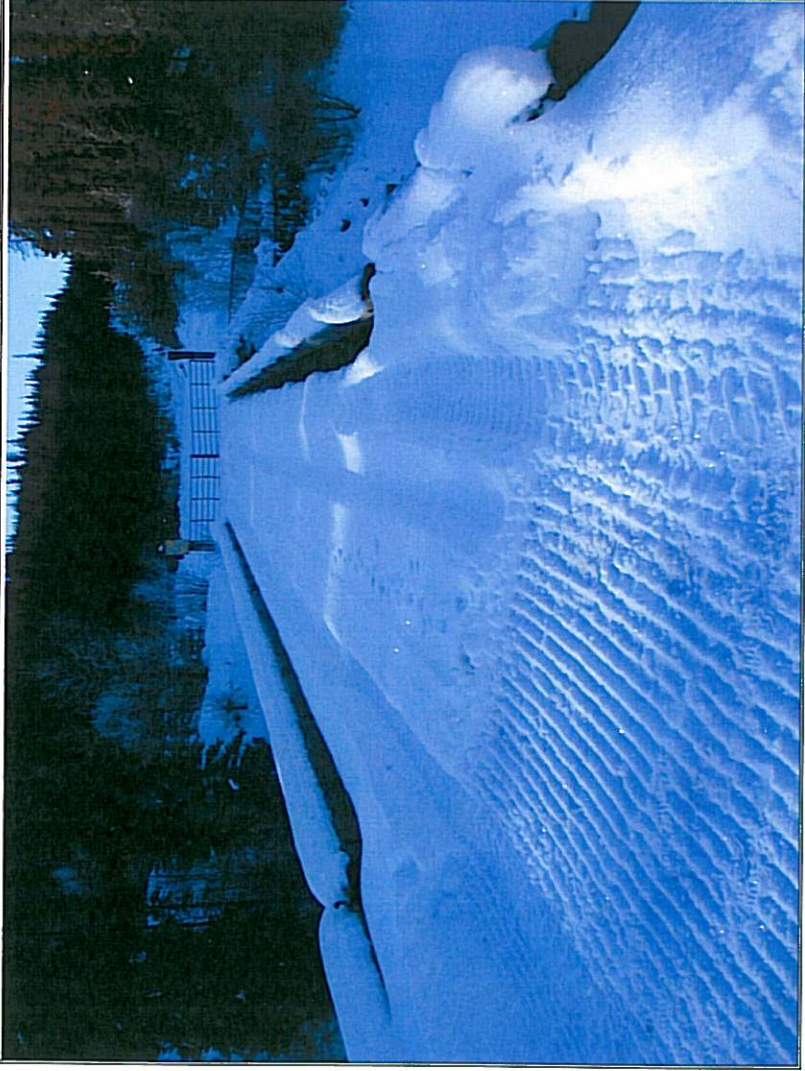


Photo 2

Looking downchain
across bridge.



Chelaslie River Bridge Inspection



Photo 3

Downstream side of bridge.



Photo 4

Upstream side of bridge.

Chelaslie River Bridge Inspection

Photo 5



Spacer plate missing on D/S D/C corner bracing. Not a structural concern.

Photo 6



U/S D/C inside bearing plate keeper.

Chelaslie River Bridge Inspection



Photo 7

D/S D/C bearing plate keeper. 1 bolt still to be tightened.



Photo 8

Separation between abutment planks and vertical post

Chelaslie River Bridge Inspection

Photo 9

U/S monitoring device on D/C abutment. Not much change since 2003 (see Photo 10).



Photo 10

Photo at same location as Photo 9 from October 22, 2003.

