

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 Girders Bolts	6	
	Hardware	2	
PIERS	Delimiters	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	
	Hardware	2	
	Caps	6	
	Piles or Posts	6	
	Concrete	6	
	Bracing or Sheathing	6	
ABUTMENTS	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
	Piers or Posts	6	
	Concrete	2	
APPROACHES	Bulkhead Planks	2	TREATED
	Wing Wall Planks	2	TREATED
	Bracing	6	
	Hardware	2	
	Fill	2	
	Riprap	2	
	Overall	2	
		2	
		2	
		2	

PRESENT WATER m	1.5	PRESENT WATER CLEARANCE:	5	m	ESTIMATED HIGH WATER LEVEL:	3	m	HAZARD(S) DESCRIPTION:
HAZARDS:	☐ High water	☐ Debris	☐ Scour	☐ Ice	☒ None			
REPAIR REQUIRED:	☒ 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"					
PROFESSIONAL INSPECTION	☐ YES	☒ NO						
AS BUILT CHECKED?	☐ YES	☒ NO	NUMBER OF PICTURES TAKEN:		9		NARROW STRUCTURE SIGN:	
☐ YES		☒ NO	☐ YES		☒ NO	PRESENT POSTED RATING		SUGGESTED REPLACEMENT DATE:
						tons		at original design load
COMMENTS:								

INSPECTION SIGNATURE:	DATE SIGNED Y M D	NEW LOAD RATING	REVIEWED AND NOTED BY (SIGNATURE)	DATE SIGNED Y M D
Tony Konst. McElhanney	2006/01/25	tons		2006/04/07
			Scott Loptson, P.Eng.	

Chelaslie River Bridge Inspection

Photo 1

Looking upchain
across bridge.

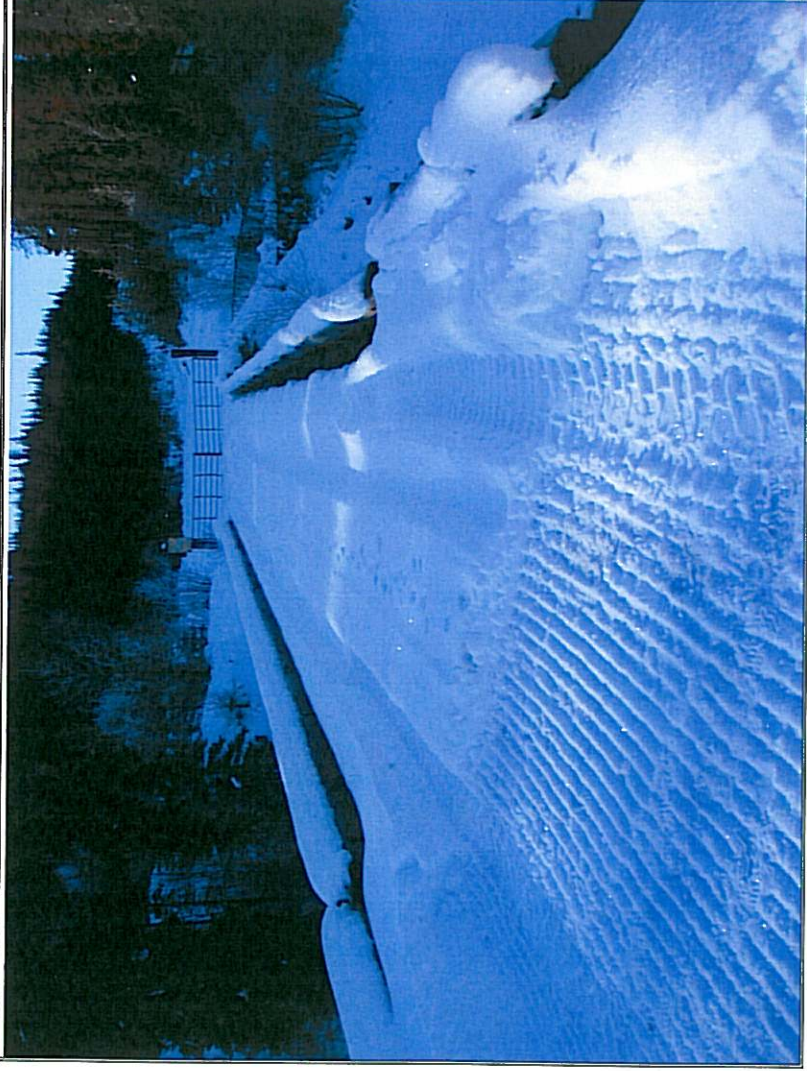


Photo 2

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.



Photo 7

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

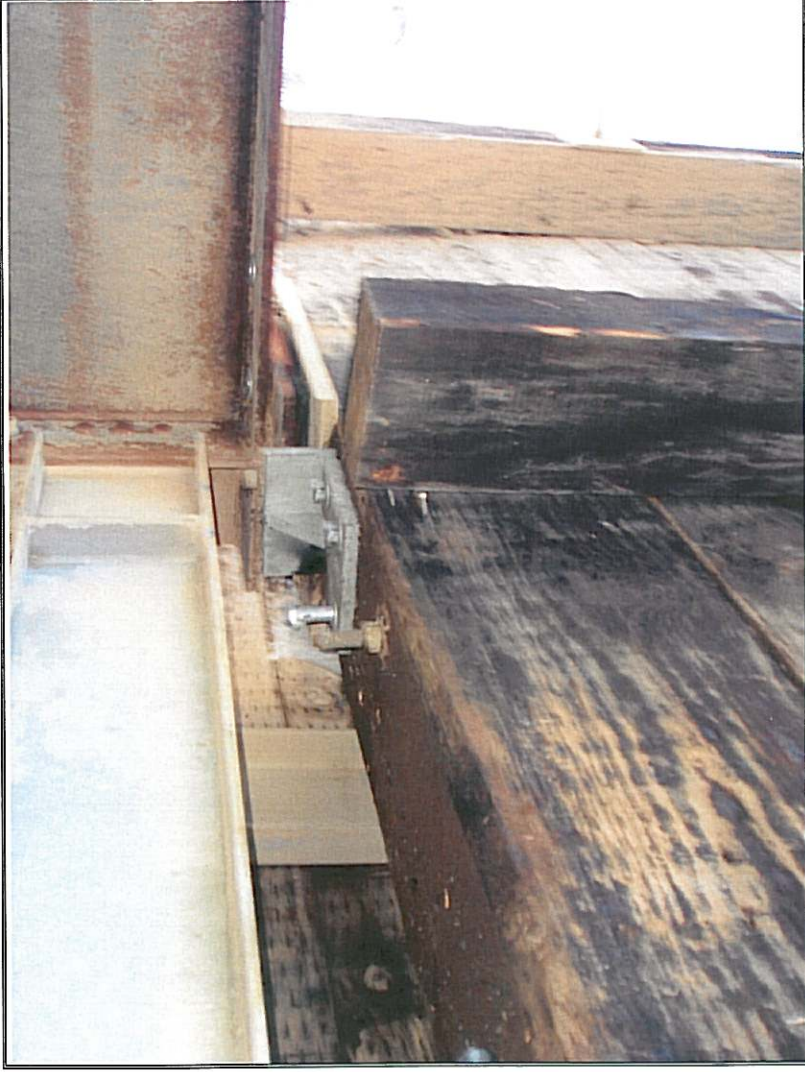


Photo 8

Separation between abutment planks and vertical post



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.

