



West Fraser Mills Ltd

Fraser Lake Sawmills Division

P.O. Box 100
Fraser Lake, B.C.
Canada
V0J 1S0

Phone: (250) 699-6235
Fax: (250) 699-8821

F A X C O V E R S H E E T

Date: August 29, 2005

Time:

To: Scott Loptson
Company: McElhanney
Phone: 250-847-4040
Fax: 250-847-4160

From: Tom Olafson
Phone: (250) 699-6235
Fax: (250) 699-8821

Number of pages including cover sheet: 4

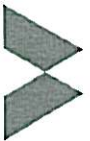
RE: Chelaslie River Bridge: Bearing Retrofit: Proposal # 2331-00505-1

Hi Scott:

Please find attached the signed "Proposal For Engineering Services" for the Chelaslie River Bridge: Bearing Retrofit: Proposal # 2331-00505-1. With regards to timing of the project, it will be probably be towards the end of September, 2005 when it can be done. Presently, there is no harvesting activities been undertaken and so the barge is not available to get to the South Side. I will notify you when I have a better idea of when the project can be undertaken.

I take it that we will have to manufacture 8 lateral restraints: two per bearing plate: 4 bearing plates total. Also, will you be sending out the final drawing of the Lateral Bearing Restraints so that we can get them made up?

Regards:
Tom Olafson



McElhanney

PROPOSAL FOR ENGINEERING SERVICES

PROJECT:
CLIENT:

Chelaslie River Bridge – Bearing Retrofit
Tom Olafson, Forestry Supervisor
Fraser Lake Sawmills, Fraser Lake, BC V0J 1S0
Tel: (250) 699-6235 Email: tom.olafson@westtraser.com

PROPOSAL #: 2331-00505-1
DATE: August 26th, 2005

PROPOSAL BY:

Scott Lopston, P.Eng., Project Engineer / Branch Manager
McElhanney Consulting Services Ltd., Smithers, BC
Tel: (250) 847-4040 Email: slopton@mcelhanney.com

SERVICES:

1. Provide a retrofit design for lateral restraints of the 4 bearings at the Chelaslie River Bridge to replace the failing anchor bolts.
2. Provide a construction inspection / bridge condition inspection following installation of the restraints.
3. Produce a construction inspection report along with recommended maintenance (if any).

NOTES:

1. Lateral restraints will be designed in accordance with CAN/CSA S6-2000, Canadian Highway Bridge Design Code.

TERMS FOR FEES:

1. Fees will be based on the price shown on the attached Cost Estimate for the above scope of work. Small changes may be made for expense items such as vehicles.
2. Any additional work requested by the Client will be done on a time and materials basis at McElhanney's standard rates.
3. Invoices will be submitted to the Client monthly and are payable immediately.
4. Interest will be charged on accounts which are 28 days past due at 2% per month.

SCHEDULE:

1. Design can be completed within one week of acceptance of this proposal.

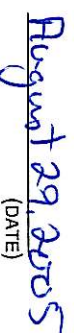
ACCEPTANCE:

Acceptance of this proposal can be made by signing below, and faxing back to McElhanney Consulting Services Ltd. at (250) 847-4160.

Proposal Accepted By: _____


(SIGNATURE)


(NAME)


(DATE)


(POSITION)



McElhanney

August 26, 2005

MCSL Job #: 2331-00505-1

Attention: Tom Olafson

Fraser Lake Sawmills - Chelaslie River Bridge Bearing Retrofit

Fee Estimate for Engineering Services

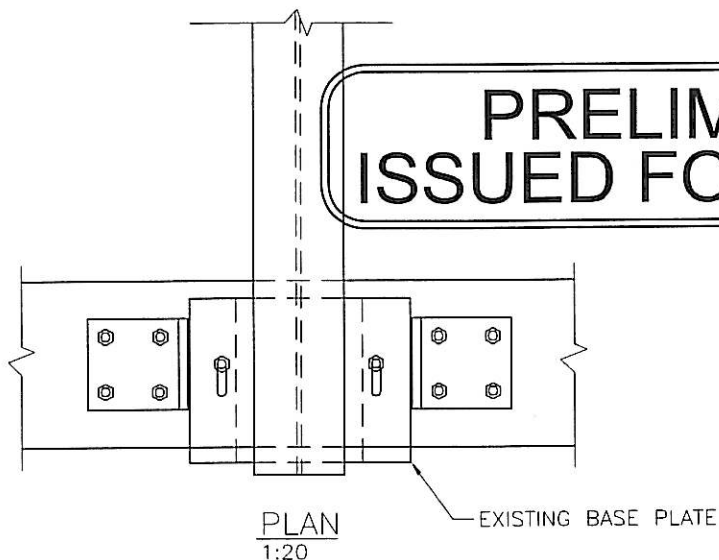
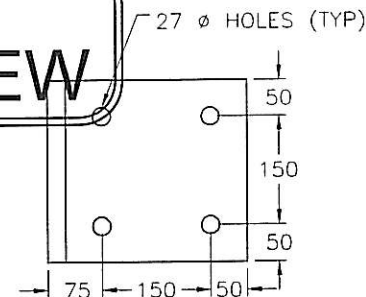
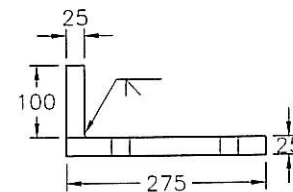
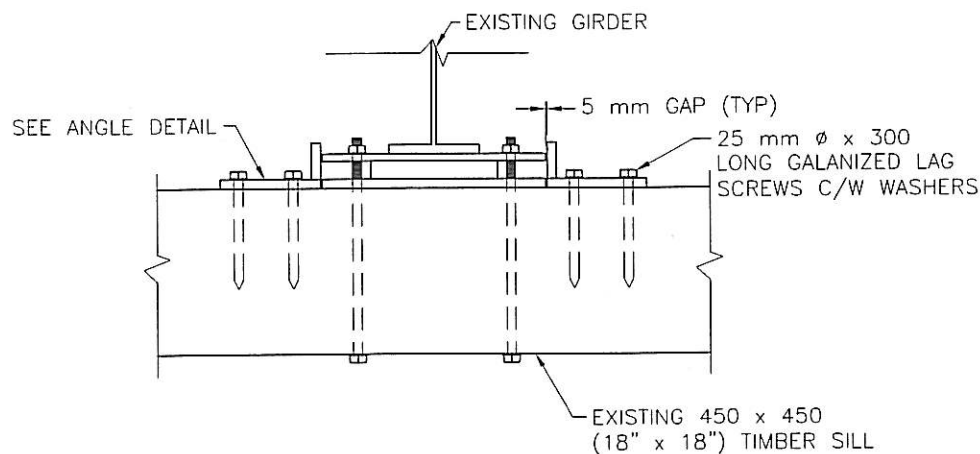
	Rate:							
	S. Loptson, P.Eng. Bridge Engineer	T. Konst Bridge Technician	D. Graft Admin.	Vehicle	Disbursements	Total		
Design and Inspection								
1.01 Design Lateral Bearing Restraints	4	8				\$884.00		
1.02 Conduct Site Inspection at End of Construction		10		1	\$15	\$995.00		
1.03 Produce Inspection Report	4	8	2		\$50	\$1,024.00		
TOTAL	8	26	2	1	\$65	\$2,903.00		

Notes

- 1 Vehicle rate is approximate (\$60 + \$0.50/km)
- 2 Disbursements include field equipment, publishing, and courier costs

19

**PRELIMINARY
ISSUED FOR REVIEW**



GENERAL NOTES

1. ALL DIMENSIONS IN mm UNLESS NOTED
2. STEEL TO BE 300W IN ACCORDANCE WITH CAN/CSA S16.1
3. GALVANIC ANGLES IN ACCORDANCE WITH CAN/CSA G164-M

THIS DRAWING HAS BEEN PREPARED FOR THE CLIENT IDENTIFIED, TO MEET THE STANDARDS AND REQUIREMENTS OF THE APPLICABLE PUBLIC AGENCIES. McELHANNEY CONSULTING SERVICES LTD., ITS EMPLOYEES, SUBCONSULTANTS AND AGENTS ACCEPT NO RESPONSIBILITY TO ANY OTHER PARTY, INCLUDING CONTRACTORS, SUPPLIERS, CONSULTANTS AND STAKEHOLDERS, OR THEIR EMPLOYEES OR AGENTS, FOR LOSS OR LIABILITY INCURRED AS A RESULT OF THEIR USE OF THESE DRAWINGS.

THIS DRAWING AND DESIGN IS THE PROPERTY OF McELHANNEY CONSULTING SERVICES LTD. AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF THE SAID COMPANY. McELHANNEY CONSULTING SERVICES LTD. WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND DESIGN.

No.	Date	Revision	Dr.

Designed: SAL	Checked: -	Date: AUGUST 2005
Drawn: JE	Surveyed: -	
 McElhanney McElhanney Consulting Services Ltd. PO Box 787, 3907-4th Avenue Smithers BC V0J2H0 TEL: (250) 847-4040 FAX: (250) 847-4100		

FRASER LAKE SAWMILLS
CHELASLIE RIVER BRIDGE
 CHELASLIE FSR @ 18 km
 LATERAL BEARING RESTRAINTS

Client Project No.	
Client Drawing No.	
MCSL Project No.	2331-00505-1
Drawing No.	505-01-01
Sheet 1 of 1	Revision -

(PLOTTED FULL SIZE ON 8.5"x11" PAPER)

Destroy all prints bearing previous number

Chelacic River Bridge.

August 11, 2005

- ⇒ Phoned Scott Copston to see where he is at with the drawings for putting in the lateral supports = installation of Guide Angles at the West Abutment Bearings (South side)
- ⇒ Scott said he was sorry not getting back due to busy schedule.
- ⇒ he will send the drawings of what is required to Fraser Lake Samills next week.
- ⇒ Fraser Lake Samills to advise him when the work will be carried out so that he can be there when the work is just done. Have rock foreman out at the site to go over with Scott what has been done.
- ⇒ he would like both abutments to be completed rather than just the south side.