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July 6, 2006

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Mr. Kenneth Kobetsky  
 AASHTO  
 444 N. Capitol Street, NW  
 Suite 249  
 Washington, D.C. 20001

ATTN: Ms. Kelley Rehm

RE: QPR for Q1&2-06

PN2463

Dear Sir and Madam:

**Work Accomplished**

The following is a list of major activities during the reporting period:

**January 2006**

- Brought Bala Sivakumar of Lichtenstein Consulting Engineers on board to address the LRFR issues resulting from '05 SCOBS. Their budget is \$90,000 of which \$15,000 comes from the AASHTO publication budget as in internal transaction. All \$90,000 is chargeable to M&M's project.
- Answered occasional inquiries of LRFD provisions.
- Prepared a list of issues arising from panel comments on NCHRP 12-52 curved girder specifications for T-14 to review at their February meeting.
- Revised PDF queries file for the Movable Bridge Specifications for the T-8 Committee.

**February 2006**

- Monitored Dr. Nowak's work with T-16, Timber and did major editorial work on this agenda item.
- Helped to resolve issues related to availability of LRFR WORD and WordPerfect files.
- Attended T-14 meeting which resulted in some calibration issues relating to adopting ACI and AISC provisions by reference. Requested cost estimate from Dr. Nowak to look into this and make recommendations. Also asked Dr. Nowak to look into specific calibration issues related to potential adoption of the results of NCHRP 12-62. Worked with some 2007 agenda items at the meeting.

# MODJESKI<sup>and</sup>MASTERS, INC.

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## March 2006

- Started working on revisions to agenda items posted in January.

## April 2006

- Continued working of revisions, some of which required multiple phone calls to resolve.
- Began discussions with Professor Charles Roeder regarding questions raised about provisions for spherical bearing culminating in a \$3,000 assignment which was formalized early in May.
- Additional revisions to the PDF queries for the Movable Bridge Specifications for the T-8 Committee.

## May 2006

- Continued working on agenda item revisions.
- Worked with Dr. Ibrahim on the Ballot Table, Table of Contents, and item-by-item timing schedule for General Session.
- Posted 90% of Agenda Package on M&M website on May 1.
- Started on Yellow Sheets which were emailed to Utah DOT staff on May 17.
- Attended SCOBS meeting making yellow, green and blue changes Monday through Thursday, May 22-25.
- Prepared CD with final as-voted agenda items and delivered same to Utah DOT on 25<sup>th</sup> and Ms. Rehm on 26<sup>th</sup>.
- Attended LRFDD Oversight Committee meeting on May 26<sup>th</sup>.

## June 2006

- Cleaned up U.S. Agenda Items and made S.I. markups and sent same to Ms. Rehm on June 30<sup>th</sup>. In the process on making the S.I. markups several corrections were found to T-10 Agenda Items that were resolved through a series of telephone calls.
- Reorganized files related to the 2007 meeting.
- Started some preliminary organization and initial formatting of the various 2007 Agenda Items related to implementing NCHRP 12-62 recommendations.

## Finances

Specific set-asides for others, i.e. not Modjeski and Masters' staff, from our budget now include \$15,000 for Dr. Nowak's work on Section 8 provisions for timber and the \$90,000 noted above. As of May 31, Lichtenstein had invoiced \$ 50,643.72 of the \$75,000 and \$14,952.77 of the \$15,000. We are assisted by other experts from time-to-time, but they do not have specific set-asides.

We kept track of job charges to the 2005-2006 budget using the following set of job codes which were in effect after August 15:

### PN2463 – LRFDD Maintenance

101 Technical Assistance  
102 Agenda Item Preparation  
103 Admin and QPR's

# MODJESKI and MASTERS, INC.

Mr. Kenneth Kobetsky  
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The following costs have been incurred since the start of the 2005-2006 budget. Significant direct expenses for services by others are noted.

## PN2463 - LRFD Maintenance

- 101 - Technical Assistance & Support
- 102 - Prep Agenda Items/Post Meeting Process
- 103 - QPR's Administration
- 105 - 2006 Meeting

	<b>Total</b>	
August thru December, 2005	13,580.91	101
	2,313.92	102
	<u>2,144.58</u>	103
	<b>18,039.41</b>	
Direct Expenses	20,361.00	101
*Dennis R. Mertz, PH.D., P.E. - \$9,166.66		
*U of Mich Dept of Civil & Env. Eng - \$11,090.00		
	11.42	102
	<b>20,372.42</b>	
Total August, 2005 thru December, 2005	<b><u>38,411.83</u></b>	
Summary January, 2006 thru June, 2006	12,496.22	101
	47,759.63	102
	3,657.85	103
	<u>8,527.32</u>	105
	<b>72,441.02</b>	
Direct Expenses	13,543.27	*101
*Dennis R. Mertz, PH.D., P.E. - \$4,637.27		
*UNL Dept. of Civil Engineering - \$6,572.00		
	9,363.77	*102
*Bridge Software Development, Int'l - \$2,024.83		
*Dennis R. Mertz, PH.D., P.E. - \$7,183.80		
*Lichtenstein Consulting Engrs., Inc.	65,596.50	*104
	<u>3,277.90</u>	105
	<b>91,781.44</b>	
Total January, 2006 thru June, 2006	<b><u>164,222.46</u></b>	
<b>TOTAL PROJECT 2463</b>	<b><u>202,634.29</u></b>	

**MODJESKI and MASTERS, INC.**


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Work yet to be completed under the budget which covers work through July 31<sup>st</sup> includes the remainders of the Lichtenstein work, about \$34,000; the work by Professors Nowak and Roeder, about \$10,000; attendance at part of the T-14 meeting in July; reply to questions and comments as necessary.

Very truly yours,



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JOHN M. KULICKI, Ph.D., P.E.,  
President/CEO and Chief Engineer

JMK:dml