

Dr. Anthony Kane  
Director of Engineering and Technical Services  
AASHTO  
444 N. Capitol Street, NW  
Suite 249  
Washington, D. C. 20001

ATTN: Ms. Tamara Reid

RE: AASHTO LRFD&R Oversight---Quarterly Progress Report

Dear Dr. Kane:

Our estimated report for the Quarter ending June 31st, 2004 follows.

**Task 1 - Maintenance of Specifications:**

*Resolve areas in Bridge LRF Design and Rating documents requiring modification, clarification, or interpretation. This task includes the performance of special studies for provisions of the Bridge LRF Design and Rating documents needing additional development, as directed by the LRFD Oversight Committee.*

We completed review work on culvert design by Dr. McGrath during the last quarter and no other tasks were started. As the SCOBS meeting approaches and agenda items are being reviewed, there have been some requests for background information or interpretations which have been accounted for under Task 3.

**Task 2 - Technical Assistance and Support:**

*Assist the AASHTO Bridge Subcommittee including the LRFD Oversight Committee with special interpretations of the LRF documents as required. Maintain a database of existing and ongoing study information used to calibrate the load and resistance factors that appear in the specifications and respond to questions regarding this information.*

With the assistance of Dr. Mertz, we developed and submitted for review, a suggested scope for an NCHRP 20-7 project to address the "roadmap" issues raised at the Reliability Workshop last January.

A few telephone and e-mail questions have been answered

**Task 3 - Support of Document Preparation:**

*Provide technical assistance to the AASHTO Bridge Subcommittee including the LRFD Oversight Committee in the preparation of new and revisions to existing LRF Design and Rating documents. Specific tasks include: prepare and submit recommended revisions or new provisions, with supporting documentation, for the LRF Design and Rating documents. Assist with editing of documents prior to balloting and publication. This includes the preparation of an agenda book for the subcommittee's annual meeting. Meet with the LRFD Oversight Committee annually at the AASHTO Bridge Subcommittee meeting.*

We submitted text for the SCOBS Agenda to Mr. Friedland in late April...Since then we have helped several of the Technical Committee Chairs react to comments they have received as a result of review of the agenda by other committee members.

#### **Task 4 – Format Conversion:**

*All documents will be provided with all content finalized in Microsoft Word. In order to produce the documents in Microsoft Word, the contractor is responsible for converting documents from existing WordPerfect format. It is understood that a thorough review will be required from both the contractor and the AASHTO Publications Department to confirm that conversion was done correctly. The additional time and expense of this conversion and review should be added to the contractor's initial proposal.*

We submitted text for '04 LRFD construction Interims for use with the 1<sup>st</sup> Edition on March 19<sup>th</sup> (last quarter, but after that progress report was submitted). We started updating our files for various editorial changes made to the AASHTO LRFD Bridge Construction Specifications but stopped all document conversion work on May 6<sup>th</sup> per instructions received from Ms. Reid.

#### **Task 5 - Project Documentation:**

*Submit a quarterly project report to the LRFD Oversight Committee. The Report should discuss how the project was administered, what the technical and other accomplishments were, the status of special studies, who participated in the study, and a financial report including actual costs to accomplish each task. Further information on financial issues may be requested by the Oversight Committee and the lead state for the Pooled Fund Project. Agenda books, prepared for the annual meeting of the bridge committee under Task 3, may be included as separate appendices in the appropriate quarterly report.*

This is the fourth quarterly report.

## Fiscal Status

There are two unfinished subtasks for which we have not made any allowance in the figures below because we are not clear on whether a reserve should be set aside from the budget for the first project year, which ends after the SCOBS meeting. Both of these subtasks were requested or started in the first year. They are:

- Development of a proposal for an NCHRP 20-7 project to prepare the “roadmap” on calibration issues (draft submitted, received comments from one reviewer so far): and
- Review of a foundation “White Paper” by Tony Allen (Not started yet---may require help from specialists)

A comparison of task budget and estimated costs to date is shown in the following table. The “revised” budgets per task are those sent to Ms. Reid by email of February 6<sup>th</sup>. Since we are submitting this report before the end of the quarter, the “current” costs are based on our accounting records as of May 31<sup>th</sup> and an estimated \$45,000 for work in June. Likewise, the figure for Task 2 contains a just received and unbilled invoice for Dr. Mertz’s participation in developing the “roadmap” proposal.

Task	original	revised	current
1	\$67,564	\$40,000	\$13,390
2	\$52,789	\$40,000	\$9,834
3	\$131,395	\$86,471	\$85,274
4	\$138,633	\$215,000	\$225,251
5	\$11,090	\$20,000	\$3,326

In reviewing the expenditures, it is important to remember that the project has benefited greatly from the FHWA Curved Girder project and NCHRP 12-52. This cost sharing was recognized when the original budget for Task 3 was reduced to that shown in the “revised” column.

Submitted by Email,  
John M. Kulicki, Ph.D., P.E.  
President/CEO and Chief Engineer