

August 7, 2004

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--- Progress Report

Dear Dr. Kane:

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.

No Major work this period.

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 updated and resubmitted a suggested scope for an NCHRP 20-7 project to address the "roadmap" issues raised at the Reliability Workshop last January and further discussed last June following the SCOBS meeting in Orlando..

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 worked with the Technical Committees at the SCOBs meeting in June to keep the Agenda current as the meeting progressed. Soon after the meeting we updated all of the agenda items to removed change flags so that all of the text that will be used by AASHTO for the '05 Interim is either underlined (new) or shown as strike through (deleted). As agreed at the meeting, Item 30 was completely rewritten and has been returned to T-10 for review. Several other items have been had less extensive editing and all have been reviewed by the affected technical Committees or Chairperson. We are awaiting final approval on two items. We have been asked to submit this work on for the U.S. edition of the design Specification by August 31st, and there will be no delay to AASHTO if we have to hold one or two items for final input. We have also hand marked the S.I. unit Interim changes and are checking them now.

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.

The Construction Specification had previously been converted to WORD and partially styled and now been marked for a dual unit edition as agreed in Orlando. We started delivering completed Section July 30th and by August 6th about 25 Sections were delivered. The target date is August 9th. While marking-up some of the ASTM designations we found that some of the ASTM's had been withdrawn. Working with Mr. Hust, we have been updating these designations. This has slowed us down a little, but early staged submissions seem to have mitigated any impact. The final submission will be an appendix containing S.I. equations, tables and figures. This is complete but needs final checking.

The Movable Specifications will be converted to WORD and styled by AASHTO. A dual units mark-up of WordPerfect files has been completed and checked. The S.I. Appendix needs final checking. This is due August 23.

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 fifth progress report.

Fiscal Status

Task	original	revised	current
1	\$67,564	\$40,000	\$13,862
2	\$52,789	\$40,000	\$7,587
3	\$131,395	\$86,471	\$110,658
4	\$138,633	\$230,000	\$245,056
5	\$11,090	\$20,000	\$3,326

We have added the \$15,000 estimate previously provided to produce a U.S. Units construction specification to the budget for Task 4 to cover the dual unit editing of that document. Costs associated with the dual unit movable specification are also included in Task 4.

In an Email following the Oversight Panel meeting in June we suggested to Ms. Ried that we keep billing to the budget for our first year, which originally covered work until the end of June, 2004. We made this suggestion because our scope had changed so much now that AASHTO was going to prepare the LRFD Interims, do the final editing of the construction specification, and all conversion and editing of the movable specification. No exception to this was taken.

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