

## KANSAS DOT RESEARCH PROJECTS QUARTERLY PROGRESS REPORT

Lead Agency (University or Contractor): Modjeski and Masters, Inc.

**INSTRUCTIONS:**

*Project Managers and/or research project investigators should complete a quarterly progress report for each calendar quarter during which the projects are active. Please provide a project schedule status of the research activities tied to each task that is defined in the proposal; a percentage completion of each task; a concise discussion (2 or 3 sentences) of the current status, including accomplishments and problems encountered, if any. List all tasks, even if no work was done during this period.*

<b>KDOT Project Number</b> RE-0611-01	<b>Transportation Pooled Fund Program - Report Period:</b> <input type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> Quarter 4 (October 4 – December 31)	
<b>Project Title:</b> Reorganization of Section 5, Concrete Structures, of the AASHTO <i>LRFD Bridge Design Specifications</i>		
<b>Project Manager:</b> Kelley Rehm – AASHTO (contracted) <b>Phone:</b> 859-433-9623 <b>E-mail:</b> krehm@aaashto.org		
<b>Project Investigator:</b> Modjeski and Masters, Inc. – Dennis Mertz (subcontractor) <b>Phone:</b> <b>E-mail:</b> mertz@udel.edu		
<b>Lead Agency Project ID:</b> RE-0611-01 TPF5(271)	<b>Other Project ID (i.e., contract #):</b>	<b>Project Start Date:</b> Jan 1, 2013
<b>Original Project End Date:</b> Dec 31, 2015	<b>Current Project End Date:</b>	<b>Number of Extensions:</b>

Project schedule status:

- On schedule     
  On revised schedule     
  Ahead of schedule     
  Behind schedule

Overall Project Statistics:

Total Project Budget	Total Cost to Date for Project	Total Percentage of Work Completed
\$300,000	\$45,733	25%

Quarterly Project Statistics:

Total Project Expenses This Quarter	Total Amount of Funds Expended This Quarter	Percentage of Work Completed This Quarter
\$38,733	\$38,733	22%

**Project Description:** The purpose of this project is to reorganize Section 5, Concrete Structures, of the *AASHTO LRFD Bridge Design Specification* so that Section 5 is logically organized, and philosophically and technically consistent. The entire *LRFD Bridge Design Specification* and *AASHTO Bridge Construction Specification* must be reviewed and updated as necessary to maintain consistency.

**Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):**

Task 1, Survey stakeholders, was completed. The researchers had a meeting with technical committee, T-10, in Chicago on April 28, 2013 during PCI Committee Days, to continue to review responses to the survey questions and create general rules for the development of the revised specifications. The survey responses are now being used as input to the following tasks.

Work continues on Task 2, *Critically review all interim changes for technical and philosophical consistency*. All of the interim changes are now in hand and, the researchers are beginning to cull the significant changes from those which had no effect on the current Section 5.

Work began on Task 3, *Develop annotated revised table of contents*, with work on straw man outlines fully incorporating the terminology and philosophy of "bending" and "disturbed" regions "upfront" in the section.

Preliminary work began on Task 4, the interim report, by beginning to collect the results of earlier tasks.

**Anticipated work next quarter:**

A meeting with technical committee, T-10, is scheduled in Grapevine, TX, on September 22, 2013 during the PCI Convention and National Bridge Conference, to review progress and provide input.

Work will continue on Tasks 2, 3 and 4.

**Significant Results:**

Good progress continues to be made, but no significant results can yet be cited.

**Circumstance affecting project or budget. (Please describe any challenges encountered or anticipated that might the completion of the project within the time, scope and fiscal constraints set forth in the agreement, along with recommended solutions to those problems).**

None