TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): FHWA

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.

Transportation Pooled Fund Program Project # *(i.e, SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX)* TPF-5(283)		**Transportation Pooled Fund Program - Report Period:** ☐ Quarter 1 (January 1 – March 31) ☑ Quarter 2 (April 1 – June 30) ☐ Quarter 3 (July 1 – September 30) ☐ Quarter 4 (October 1 – December 31)
Project Title: Influence of Vehicular Live Loads on Bridge Perfromance		
Name of Project Manager(s): Tom Saad, Sue Lane	**Phone Number:** 708.283.3521	**E-Mail** thomas.saad@dot.gov
Lead Agency Project ID:	**Other Project ID (i.e., contract #):**	**Project Start Date:** January , 2013
Original Project End Date: January, 2018	**Current Project End Date:**	**Number of Extensions:**

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	Percentage of Work Completed to Date
		10%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
	$7587.07	25%

Project Description:

Collect research quality bridge loads and bridge response data to determine the effects of live loads on bridge performance, independent of all other influences on bridge component performance. Develop a comprehensive protocol for collecting research quality data, collect data at several locations across the country, maintain systems and store data in the LTBP Bridge Portal, and analyze data to quantify influences of live loading on bridge component performance.

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

General:
• Jim Birdsall attended the Task 6 I Pooled Funded WIM meetings and by documenting the meeting minutes as directed
• Jim supported the broader LTBP in preparing for and conducting a number of key meetings and conferences in May
• Arranged and Managed the May 20, 2014 TAC meeting held in Pennoni's Philadelphia office
• Submitted summary of TAC meeting to FHWA
• Under the guidance and direction of the LTBP contracting officer, Jim has continued to share the Truck loading information obtained from the State Visitation meeting notes with the broader LTBP team

Literature Review:
• Initiated addressing comments on the Draft Literature Review report

Document questions
• Received comments and initiated revision of Feedback form
• Distributed revised feedback form to FHWA for distribution to states

Parametric Studies:
• Initiated work on the development of data base models

Anticipated work next quarter:

Continue to develop plan for traffic/loads and response data collection strategy.

Develop Life-cycle cost analysis for various strategies.

Significant Results:

Completed WIM literature review and recieved comments from TAC and LTBP/TRB Bridge Traffic and truck Weight ETG.

Hosted initial face-to-face TAC meeting for this project.

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

On schedule

Potential Implementation:

Schedule May 2015 TAC meeting to present plan/s for data collection.