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)*	**Transportation Pooled Fund Program - Report Period:**
TPF-5(283)	☐ 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):	**Phone Number:**	**E-Mail**
Tom Saad, Sue Lane	708.283.3521	thomas.saad@dot.gov
Lead Agency Project ID:	**Other Project ID (i.e., contract #):**	**Project Start Date:**
		January , 2013
Original Project End Date:	**Current Project End Date:**	**Number of Extensions:**
January, 2018		

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
		18%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
	$29,379.66	35%

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.):

Literature Review:
• Submitted revised draft version of literature review with prior comments incorporated for re-review

Document questions:
• TAC Webinar
• Finalized interview question form to be used to gather information from TAC members

Parametric Studies:
• Reviewed documentation from LTPP WIM program to determine performance characteristics of the scale infrastructure and to develop lessons learned
• Conducted parametric analysis of NBI data from bridges in pooled fund states to evaluate if any relationships exist between condition ratings of bridge decks, superstructure or substructure and truck traffic
• Formulated alternative approaches for collecting truck traffic and weight information for bridges
• Update parametric studies of NBI data per ETG meeting notes

Anticipated work next quarter:

Complete State WIM systems and operations interviews with each of the TAC States.

Life cycle cost analysis of data collection systems and approaches

Site selection for data collection

Significant Results:

Hosted meeting via webinar to update TAC on progress, to date.

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:

Preparing for May 2015 TAC meeting which will provide plans and costs for data collection. Field instrumentation and data collection anticipated to begin in June/July 2015.