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, Fred Faridazar	**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
		26%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date

Project Description:

Collect research quality bridge loads and bridge response data from in-service bridges 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.

Create 'national' database for truck loads on bridges.

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

• Conducted weekly project calls.
• Conducted conference call with Dr. Ansari on May 17 to discuss concurrent installation of a fiber optic bridge WIM system on the Oregon bridge.
• Conducted conference call with ODOT, FHWA and EMS (ODOT Consultant) on May 27 to discuss bridge instrumentation design report prepared by EMS. Technical issues were discussed and resolved. Summary of call was prepared and submitted by Pennoni.
• Discussion with David Fifer and Bruce Johnson were held to address the need for the WIM plans to be sealed by an Oregon Professional Engineer.
• Presentation for the International Bridge Conference was developed for presentation on June 7th.

Anticipated work next quarter:

Coordinate with Oregon DOT to instrument first bridge with both PWIM and BWIM technologies. Also coordinate visual inspection of bridge prior to data collection. Finalize instrumentation plan.

Significant Results:

Significant coordination with Oregon DOT who will provide additional financial contributions by awarding a contract for bridge instrumentation with a local vendor.

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).

Bridge instrumentation pending award of project and notice to proceed from Oregon DOT.

Potential Implementation:

Instrument first bridge in mid to late CY 2016.