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(004)		**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 4 – December 31)
Project Title: Weigh-in-Motion Field Calibrations and Validations		
Name of Project Manager(s): Olga Selezneva	**Phone Number:** 410-540-9949	**E-Mail** oselezneva@ara.com
Lead Agency Project ID: DTFH61-10-D-00019	**Other Project ID (i.e., contract #):**	**Project Start Date:** April 28,2010
Original Project End Date: 04/27/2011	**Current Project End Date:** 04/27/2013	**Number of Extensions:** 2

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
$834,106.74	$789,994.19	94.7%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
4.97%	$41,507.38	88.8%

Project Description:

This is a multi-year project consisting of one base year and 4 optional years. All budget and project completion information is provided on the up-to-date basis from the beginning of the base year to the current Option Year 2.

Work under this contract includes the calibration and validation of weigh-in-motion systems located at twenty-four Long Term Pavement Performance locations throughout the country. Specific validation tasks include:

1. Coordination with the LTPP Regional Support Contractor and Agency
2. Pre-visit evaluation of current profile and traffic data
3. Site inventory, including system electronic testing and photographs
4. Visual inspection of roadway and WIM equipment
5. Static weighing and measuring of test trucks
6. Pre-Validation – two or more test trucks make a total of forty runs over the WIM site to determine the current accuracy of the WIM equipment
7. WIM calibration (if necessary) - adjustments are made to system operating parameters to compensate for weight or spacing accuracy error
8. Classification algorithm assessment
9. Post-Validation (if required) - two or more test trucks make a total of forty runs over the WIM site to determine the WIM system statistical accuracy
10. Reporting of validation results for each site and submittal of Annual Report
11. Attendance to meetings and presentations per FHWA request

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

Task Order 8 (4/27/12) included the validation and calibration of 4 sites:

New Mexico SPS-5 (350500)
New Mexico, SPS-1 (350100)
Arizona SPS-1 (040100)
Arizona SPS-2 (040200)

Three of the four field validation activities for Task Order 8 were completed during quarter 3. No field validation activities for Task Order 8 were completed during the last quarter.

Participated in the Traffic ETG meeting in December 2012 to provide status of worked performed since last spring.

Anticipated work next quarter:

The Validation of the Arizona SPS-2 site is currently scheduled for the week of January 21, 2013.

Significant Results:

None to report.

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).

Potential Implementation: