TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): RMRC on behalf of WisDOT (lead state)

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(270)	**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: Recycled Material Web Map: Connecting Consumers and Producers		
Name of Project Manager(s): Andrew J. Graettinger, Ph.D.	**Phone Number:** (205) 348-1707	**E-Mail** andrewg@eng.ua.edu
Lead Agency Project ID: 0092-14-20	**Other Project ID (i.e., contract #):** Work Order #2	**Project Start Date:** September 1, 2014
Original Project End Date: May 31, 2015	**Current Project End Date:** December 31, 2015	**Number of Extensions:** 1

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
$69,815.00	$69,815.00	100

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$10,472	$10,472	15

Project Description:

The Recycled Material Web Map project will produce an on-line tool that connects producers and consumers of nonhazardous recyclable material. The Recycled Material Web Map is comprised of four core layers: providers, stockpiles, specifications, and case studies. Providers can update contact information and locate their facility. The stockpile layer allows facility managers to login and update information about recycled material stockpiles including material type(s), quantity and cost information. The specification layer includes both environmental regulations and Department of Transportation specifications pertaining to the beneficial reuse of recycled material based on specific location, material type, and application. The case study layer locates projects that successfully utilized recycled materials and includes information regarding the type, application, volume data, and the facility that supplied the recycled material. Consumers can pinpoint the location of a construction project, search for sources and quantities of recycled material that meet project specifications, and identify applicable regulations. The web map utilizes search capabilities to locate facility stockpiles and minimize transportation costs that typically dictate the use of large volumes of materials. The Recycled Material Web Map bridges the information gap between producers and consumers of recycled material and promotes the use of recyclable material, thereby preserving our limited natural resources.

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

This quarter, the project team completed the site development. Specifications and regulations for Illinois and Georgia have been collected and are being integrated into the website. Currently, specifications and regulations have been collected for all of the pooled states: Wisconsin, Virginia, Pennsylvania, Minnesota, Illinois and Georgia. Beta testing was carried out this quarter, and feedback from pooled fund DOTs has been integrated to the website. We are currently working with the pooled fund DOT representatives to incorporate any stockpile data provided into the web map. The final report has been written and will be submitted for review. Weekly internal meetings have been held this quarter to discuss user feedback, progress on website development, and beta site testing.

Project Schedule Status

Task 1: Research Advisory Group.....100%
Task 2: Requirements Collection.....100%
Task 3: Database Schema Design.....100%
Task 4: User Interface Design.....100%
Task 5: Site Design and Development.....100%
Task 6: Map Functionality.....100%
Task 7: Recycled Material Data Collection and Beta Site Testing....100%
Task 8: User's Manual and Final Report.....100%

Anticipated work next quarter:
The project end date is December 31st, 2015.

Significant Results:
Significant progress was made on the website design and development, and the web site is now ready to be used by pooled fund representatives. Specifications and regulations were collected for all of the pooled fund states and integrated into the website. Additional updates and bug fixes were incorporated into the web map.

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).

N/A

Potential Implementation:

N/A