TRANSPORTATION POOLED FUND PROGRAM
QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): _WisDOT_____

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-S(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 Materials Resources Center- Third Generation (RMRC-3G)		
Name of Project Manager(s): Angela Pakes Ahlman and Tuncer B. Edil	**Phone Number:** 608-890-4966	**E-Mail** angela.pakes@wisc.edu
Lead Agency Project ID: TPH-5(270)	**Other Project ID (i.e., contract #):**	**Project Start Date:** August 30, 2012
Original Project End Date: September 30, 2015	**Current Project End Date:** June 30, 2016	**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
$117,168	$50,398.98	43%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$9,196.22; 7.8%	$9,196.22	43%

Project Description:

The goal of RMRC-3G is to provide the resources and activities needed to break down barriers and increase utilization of recycled materials and industrial byproducts. This is being done through carefully integrated and orchestrated activities that include applied research in key areas relevant to transportation applications combined with outreach programs that provide the educational and technical resources needed to maximize the rate at which recycled materials and industrial byproducts are used in transportation applications.

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

Admin Contract:
Sub-meetings were held with the research advisory group for each RMRC project.

RMRC Member meetings were held with six states to review all projects and receive feedback on each. Some states found updates so beneficial they called in or invited other staff to join other meetings.

Report drafting on each project and presentation preparation for TRB annual meeting.

Setup TRB annual meeting with Members and invited guests. Worked on presentations for the meetings.

Was asked to speak on a panel for TRB ADC60 on Recycled Materials. Was asked to coordinate invitations to other speak and secured those.

COE and WisDOT interview for RMRC work – setup interview meeting and drafting responses to questions.

Development of Recycled Materials Informational Data Sheets and Quantification of System-Wide Life Cycle Benefits – see attached

Use of Recycled Materials as Mechanically Stabilized Earth (MSE) Retaining Wall Reinforced Backfills – see attached

Web Connection – see attached

Anticipated work next quarter:

TRB Annual meeting in January. ADC60 Panel presentation at TRB.
Review draft reports for three active projects and submit comments to PIs.
Develop 4G pooled fund solicitations to share for review and posting.
COE and WisDOT interview for RMRC work – meeting moved to January; drafting responses to questions.

Significant Results:

- Continued outreach activities for active members, future potential members and industry. Invited special guests to TRB annual meeting
- Held weekly meetings to discuss progress of each project.
- Analyzed statewide materials use for all states and began looking at the life cycle assessment values. Noted significant savings in water, energy and CO_2 emissions that were consistent across the board.
- At the request of Steve Krebs at WisDOT we drafted an abstract to submit to National Roads Research Alliance on the State Wide Materials Use project. This quarter we received notification that our abstract was accepted. Confirmed attendance and prepped for presentation.
- Was asked to speak on a panel for TRB ADC60 on Recycled Materials. Was asked to coordinate invitations to other speakers and secured those.

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:
The three research projects will have significant implementation potential for advancing the use of recycled materials in infrastructure, reductions in energy use, water use and CO_2 emissions and resourcing for greater use through the web map project.