

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>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> TPF-S(270)	Transportation Pooled Fund Program - Report Period: <input type="checkbox"/> Quarter 1 (January 1 – March 31) 2014 <input type="checkbox"/> Quarter 2 (April 1 – June 30) 2014 <input checked="" type="checkbox"/> Quarter 3 (July 1 – September 30) 2014 <input type="checkbox"/> Quarter 4 (October 1 – December 31) 2014	
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 apakes@sustainability.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: September 30, 2015	Number of Extensions: NA

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
\$42,097.00	\$21,607.69	51.3%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$0; 0%	\$0	51.3%

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.):

All 3 research project contracts were finalized and processed.

1. Development of Recycled Materials Informational Data Sheets and Quantification of System-wide Life Cycle Benefits (UW-Madison-PIs: Edil and Pakes Ahlman)
2. Development of a Recycled Materials Web Map to Connect Consumers and Producers (U. of Alabama-PI Graetin)
3. Use of Recycled Materials as Mechanically Stabilized Earth (MSE) Retaining Wall Reinforced Backfills (UW-Madison with subcontract to George Mason University-PIs: Likos and Tanyu)

The first project started at the beginning of the quarter with two undergraduate students who collected the recycled material quantities in 3-4 member states. The team met every week.

Phone calls and emails were used as means to promote the new RMRC-3G. The new webpage is reviewed and improved continually.

Edil and Pakes Ahlman attended the Midcontinent Transportation Conference in Madison to promote the RMRC and other WisDOT programs.

I-94 evaluations were interrupted because the student left for the summer. A new student will be assigned this fall.

Anticipated work next quarter:

- Continue with “**Development of Recycled Materials Informational Data Sheets and Quantification of System Life Cycle Benefits**” and complete data collection from all member states. **Engage a graduate student in the project**. Review the benefit analysis methodology.
- Make sure the other two projects become active.
- Resume I-94 evaluation.

Significant Results:

- Continuing outreach activities for active members, future potential members and industry.
- Contract the selected research project and routed for comment.

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). none

Potential Implementation:

The three research projects will have significant implementation potential.