

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 checked="" type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input type="checkbox"/> Quarter 3 (July 1 – September 30) <input type="checkbox"/> 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 #): PRJ66CB	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	\$76,232.49	70%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$23,587.54; 20%	\$23,587.54	65%

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.

Report drafting on each project and presentations were given for each project and an admin update for the TRB annual meeting.

Presented RMRC research work overview on a panel for TRB ADC60 on Recycled Materials. Was asked to coordinate invitations to other speakers and secured those.

Detailed QPRs:

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

Anticipated work next quarter:

Review and provide draft reports for all projects to Exec Board members. Collect review comments and provide to PIs. Meet with FHWA to discuss plans for a next generation (RMRC-4G) program. Develop a proposal to FHWA and current RMRC-3G members for review and comment.

Submit project ideas to ADC60 and AASHTO SOM members meetings. Encourage other RMRC PIs to also submit for tech transfer, member support and future member outreach.

Review draft reports for three active projects and submit comments to PIs.

Significant Results:

- Prepped and held annual Exec Board meeting at TRB; included invited special guests and potential future partners.
- Continued outreach activities for active members, future potential members and industry at TRB, WTBA, WCPA and N conferences. Spoke at National Roads Research Alliance (NRRRA). Won “Best Concurrent Session” award voted on by event attendees.
- Held weekly meetings to discuss progress of each project.
- Checked LCA savings in water, energy and CO₂ emissions for all states. Drafted sections. Gathered cost data for LCCA work – tracked some cost information. Drafting final report.
- Updated projects and outreach activities on the website.
- Responded to calls and inquiries from the website.

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 CO₂ emissions and resourcing for greater use through the web map project.

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