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-5(352)		**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- Fourth Generation (RMRC-4G)		
Name of Project Manager(s): Edil/Pakes	**Phone Number:** 608-890-4966	**E-Mail** tbedil@wisc.edu angela.pakes@wisc.
Lead Agency Project ID: 0092-17-15	**Other Project ID (i.e., contract #):** AAC2312 MSN207489	**Project Start Date:** 4/17/17
Original Project End Date: 4/17/2022	**Current Project End Date:** 4/17/2022	**Number of Extensions:** 0

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
$382,932	$107,289.06	30%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$36,278 / 9%	$36,278	30%

Project Description:

The goal of RMRC-4G 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.):

Finalized contracts (2) and moved awards from ISU to MSU for Dr. Cetin.
Contract 18-L WO 8 0092-19-15 AAG4493 MSN219865 MSE: RCA-Geotextile Interaction "Tufa" subcontract with George Mason University, Tanyu - project to coincide timing with WO12.
Contract 18-M WO 12 0092-19-19 MSN224974 MSE walls/full-scale Phase 2 - Likos, wall at RMC facility, Ontario
Update meeting with WisDOT on September 25. Reviewed projects and QPR process improvements.

Project meetings with Dr. Cetin on Phase II: Use of Concrete Grinding Residue as Concrete and Soil Amendment. Contract move complete to MSU.
Reviewed draft Recycled Material Webmap report and provided edits to Dr. Graettinger who recently relocated to UW-MKE. Intends to close out project very soon.

Responded to website inquiries. Repurposed Materials group has a similar mission, but for-profit. Connected group with Recycled Material Webmap and Dr. Graettinger.

Responding to questions from The Good Company (Oregon DOT partner) regarding fly ash waste, monofills/landfills, past research work and Promontory Point Resources, Utah. Referred to prior research in these areas to assist with activities.

Outreach Activities:
• ADC60 TRB Subcommittee Workshop on Resource Conservation and Recycling, presented RMRC project updates; discussed TRB January workshop highlighting RMRC projects. July 14-17.
• Invited speaker at HPAIR conference at Nazarbeyev University, Nur-Sultan, Kazakhstan. Presented "Sustainability & Energy savings using Recycled Materials", August 15-20.

Anticipated work next quarter:

Commence WO 10 project with GMU - Performance of Geotextiles Used Under RCA Base Course
Continue project meetings with all active project teams.
Weekly internal RMRC research administration meetings.
TRB 2020 abstracts/paper reviews.
Carryover - Review final data for Ground granulated blast-furnace slag (GGBS) - assessment and reporting back (WCPA/Zignego).
Fall meeting with Exec Team to review projects and provide updates.
Review second draft of Webmap report.

Significant Results:

Presentations and outreach complete.
• ADC60 TRB Subcommittee Workshop presentation.
• Presentation: RMRC role in energy and sustainability at HPAIR conference at NU.

Final contracts complete; two subcontracts moved to MSU.
Draft final report review given for the Recycled Materials webmap. Expecting revised report in Q4.

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:

Individual project opportunities.