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:**	**Number of Extensions:**

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	$28,568	20%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$8,252.41	$9,490.29	20%

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:
18-I WO 10 0092-19-17 AAH2297 MSN231023 Performance of Geotextiles Used Under RCA Base Course
18-J WO 11 0092-19-18 AAG7768 MSN229795 System-wide Life Cycle Benefits of Recycled Materials NCDOT
TRB meeting follow-up.

Project meetings with RCA leachate team (Physical and Chemical Factors Controlling pH and Alkalinity of RCA Leachate). Reviewed final thesis from Morgan Sanger. Setup and presented to WisDOT on May 9 at Truax.
Project meetings with Dr. Cetin on Phase II: Use of Concrete Grinding Residue as Concrete and Soil Amendment
Review drafts data/update.
Forwarded inquiries specific to Recycled Material Webmap to Dr. Graettinger.

PaLATE updates to correct more current equipment and materials information.
Drafted Ground granulated blast-furnace slag report.
Held weekly internal RMRC research administration meetings.
Responded to website inquiries. Forwarded inquiries specific to Recycled Material Webmap to Dr. Graettinger.

Outreach Activities:
• May 22 Presentation to US EPA - all regions webinar. EPA SMM Webinar Evaluating the Environmental Impacts of Glob
• Abstracts for GeoCongress 2020 -sent reminders to all RMRC Project PIs
• Student presentations on RMRC at the UG Research Symposium in April.
• Finalized RMRC Presentation for the EGRWSE in Chicago. Presented June 17.

Anticipated work next quarter:

Complete remaining work orders.
Continue project meetings with all active project teams.
Weekly internal RMRC research administration meetings.
TRB 2020 abstracts/papers. Encouraged all RMRC Project PIs to submit their RMRC projects as abstracts where appropriate.
Review final data for Ground granulated blast-furnace slag (GGBS) - assessment and reporting back (WCPA/Zignego).
Attend ADC60 TRB Subcommittee Workshop on Resource Conservation and Recycling, present RMRC updates

Significant Results:

Several presentations and outreach complete.

* Physical and Chemical Factors Controlling pH and Alkalinity of RCA Leachate - May 9
* May 22 Presentation to US EPA - all regions webinar
* RMRC Presentation for the EGRWSE in Chicago. Presented June 17

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:

N/A