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:** 11/30/2022	**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	$277,175.71	72%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
$24,224 / 1%	$24,224	72%

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.):

• Weekly internal RMRC research administration meetings. This included meetings on revised schedules for the MSE wall projects and a path forward.

• Met with Gopher Resources VP of Engineering & Technology- received and responded to Gopher Resource regarding slag research from battery recycling.

• Amendment for the overall master agreement was submitted and NCTEs for the admin work order and the two MSE Wall work orders were sent to WisDOT. Awaiting NCTE signatures to reflect extension granted.

• Contacted by RK&K from PA regarding a pilot project on implementing plastic asphalt modifier in the wearing course

• Contacted by Malarkey Roofing Co from Oregon regarding RAS research
A researcher from Vietnam Institute for Building Materials contacted regarding our WiscLEACH program. We fixed a broken link for the WiscLEACH program as well.

Outreach:
• Summer workshop planning for AMS20 committee: virtual 2021 Summer Workshop to be held July 28- 29. We have programmed four 1.5-hours sessions, during which we will explore the current transportation-related research, trends, and issues surrounding four topics of interest to the Committee, specifically:
• Circular Economy and Sustainability
• PFAS and its impacts on Transportation
• Reuse of Transportation Rights of Way

Anticipated work next quarter:

Process subsequent NCTEs with researchers.

Continue project meetings with all active project teams. Weekly internal RMRC research administration meetings.

Review final reports for project nearing closeout. Schedule RMRC Exec members meeting for early 2021 for projects closing out.

Reviewed draft report on System-wide Life Cycle Benefits of Recycled Materials-Phase for NCDOT, Concrete Grinding Residue and Quarry fines draft reports.

AMS20 TRB Subcommittee summer workshop meeting.

Continue identifying new topics and issues relating to recycling materials for highways applications for potential RMRC next generation.

Significant Results:

After several discussions and proposed solutions to project start delays, we received approvals from member states and FHWA to extend master agreement of the Pooled Fund in order to properly accommodate projects affected by the pandemic delays without compromising research scope or budgets.

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).

Nothing affected budget, but as discussed above, the overall master agreement pooled fund will be adjusted to end around Dec. 2022. Awaiting NCTE signatures to reflect extension granted.

Potential Implementation:

Several opportunities via each of the individual projects.