

TRANSPORTATION POOLED FUND PROGRAM QUARTERLY PROGRESS REPORT

Lead Agency (FHWA or State DOT): Wisconsin Department of Transportation

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, the percentage completion of each task, and 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 # TPF-5(396)	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: Mid-America Freight Coalition (MAFC) Phase 3		
Name of Project Manager(s): Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	Phone Number: (608) 265-9067 (608) 890-2310	E-Mail sue.ahn@wisc.edu ebperry@wisc.edu
Lead Agency Project ID: TPF-5(396)	Other Project ID (i.e., contract #):	Project Start Date: 2/1/2019
Original Project End Date: 1/31/2022	Current Project End Date: 3/31/2023	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
\$1,480,000	\$1,430,988.12 (contracted as of 3/31/23) \$1,082,153.60 (paid as of 3/31/23)	98%* *Waiting on final draft approval for last two projects per below

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$224,473.14 invoiced 1/1/23-3/31/23; 15% of total amount contracted for as of 3/31/23	\$128,445.69 paid 1/1/23-3/31/23	100%

Project Description:

The MAFC pooled fund (initially named the Mississippi Valley Freight Coalition) began in 2006 to investigate and support the efficient, reliable, and safe transport of freight and related development opportunities.

MAFC supports the development of freight-related transportation operations, facilities, and freight-related policy and their linkages with economic and community development.

TPF-5(396) is the 3rd phase/iteration of the MAFC pooled fund.

MAFC pooled fund members are the 10 states of the Mid America Association of State Transportation Officials (MAASTO).

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.)

Studies/Projects Under Contract

Study/Project	Start Date	End Date	Comments
<i>Member Services for Mid-America Freight Coalition Phase 3 (April 1, 2022-March 31, 2023)</i>	4/1/2022	3/31/2023	Web updates, project communication, and teleconferences are completed for the 4 th quarter and extension. MAFC Website has been updated with new look and functionality.
<i>TPIMS</i>	2017	2026	Continued data warehouse management.
<i>Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning</i>	08/01/2022	03/31/2023	Project 95% complete. Revisions underway on final draft.
<i>Preparing for Future Truck Operations: Fleet Electrification and Alternative Fuels</i>	09/01/2022	03/31/2023	Project 95% complete. Under review by TPF manager.

Additional Work:

- MAFC website reformatted and updated.
- Dr. Perry participated as needed in monthly MAASTO Planning Committee and MAASTO Motor Carrier teleconferences to support upcoming projects and track other freight-related work within the agencies.
- MAFC continues management of the data warehouse and web application in partnership with UW TOPS Lab.
- MAFC continues to participate with the MAASTO CAV team and will work to provide MAFC member perspectives regarding strategic planning, operations, and policy.

Anticipated Work Next Quarter Under MAFC-4, TPF-5(509):

- Complete scope of work and begin work on, *Marine Freight Development in the MAASTO Region: Market Identification, Valuation, and Employment Using Geospatial Analysis*.
- Complete scope of work and begin work on resiliency project.
- Complete development of research agenda for 2023-2025.
- Complete scope of work to continue support of TPIMS.
- Complete MAFC quarterly virtual meeting sessions.
- Continue to plan for MAFC annual meeting.

Significant Results:

- The draft final reports for the Marine Planning and Electrification projects have been submitted to the TPF manager.
- Successful MAFC teleconference resulted in 12 viable freight research ideas for 2023-2025 under MAFC-4, TPF-5(509).

Circumstances 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 the agreement, along with recommended solutions to those problems.)

- The MAFC TPF has been approved for extension in funding and time for one year beginning March 31, 2022 through March 31, 2023.

Potential Implementation:

- Private businesses are incorporating TPIMS in their information sources and products.
- MAFC continues to partner with HNTB and Cambridge Systematics on best practices research for a truck parking guidebook through NCHRP, incorporating best practices from previous TPIMS work.
- MAFC Technical and Annual meeting sessions continue with all member states participating. The meetings focus on sharing of best practices, data resources, and information in support of individual, agency, and regional freight development.