

## 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.*

<b>Transportation Pooled Fund Program Project #</b>  TPF-5(396)	<b>Transportation Pooled Fund Program - Report Period:</b>  <input 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 checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
<b>Project Title:</b> Mid-America Freight Coalition (MAFC) Phase 3		
<b>Name of Project Manager(s):</b> Dr. Soyoung Ahn, UW-Madison (Principal Investigator)  Dr. Ernest Perry (Co-Principal Investigator)	<b>Phone Number:</b> (608) 265-9067  (608) 890-2310	<b>E-Mail</b> sue.ahn@wisc.edu  ebperry@wisc.edu
<b>Lead Agency Project ID:</b> TPF-5(396)	<b>Other Project ID (i.e., contract #):</b>	<b>Project Start Date:</b> 2/1/2019
<b>Original Project End Date:</b> 1/31/2022	<b>Current Project End Date:</b> 3/31/2023	<b>Number of Extensions:</b> 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 12/31/22) \$953,707.91 (paid as of 12/31/22)	92%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$0 invoiced 10/1/22-12/31/22; 0% of total amount contracted for as of 12/31/22	\$94,875.69 paid 10/1/22-12/31/22	94%

**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 3<sup>rd</sup> 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 <sup>th</sup> quarter.  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 70% complete. Literature review, regional and state marine profiles complete, state interviews and technical working session completed.
<i>Preparing for Future Truck Operations: Fleet Electrification and Alternative Fuels</i>	09/01/2022	03/31/2023	Project 60% complete. Literature review of six industry sector perspectives has been completed. State interviews are underway.

**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:**

- Finalize *Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning*.
- Finalize *Preparing for Future Truck Operations: Fleet Electrification and Alternative Fuels*.
- Update the MAFC website.
- Support TPIMS.
- Complete MAFC quarterly virtual meeting sessions.
- Prepare contracting for remaining 2022 - 2023 agenda projects.
- Initiate development of the 2023 - 2026 research agenda for MAFC Phase 4.

**Significant Results:**

- The Marine Planning and Electrification projects have created engaged stakeholders and champions.
- The Marine Planning project working session was well attended by technical specialists. They provided the needed feedback and ideas to complete the project.
- The technical representatives from the 10 MAASTO states selected the joint Ohio/Kentucky Conference on Freight as the venue for the 2023 MAFC Annual meeting. Participants from the SASHTO and MAASTO states will also hold their annual meetings at this event providing for a large peer to peer event.

**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 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.
- Expand collaborative efforts with other freight sectors. Use recommendations from the report, *Characteristics and Importance of Freight Aviation in the MAASTO Region, and Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning* as a basis to engage freight aviation and marine professionals.