

## 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; 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.*

<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 checked="" 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)	
<b>Project Title:</b> Mid-America Freight Coalition (MAFC) Phase 3		
<b>Name of Project Manager(s):</b> Matt Umhoefer, Wisconsin DOT Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	<b>Phone Number:</b> (608) 266-9476 (608) 265-9067  (608) 890-2310	<b>E-Mail</b> matthew.umhoefer@dot.wi.gov 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	\$1,253,925 (contracted for as of 6/30/22) \$844,865.95 (paid as of 6/30/22)	85%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$27,742.57 invoiced 4/1/22-6/30/22; 2% of total amount contracted for as of 6/30/22	\$161,337.25 paid 4/1/22-6/30/22	82%

**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 the 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 (February 1, 2021-March 31, 2022.)</i>	2/1/2021	3/31/2023	Web updates, project communication, and teleconferences are completed for the 2 <sup>nd</sup> quarter. Annual meeting planned in coordination with MAASTO, July 25-27.
<i>Mid America Association of State Transportation Officials (MAASTO) Regional Freight Alignment: Understanding Regional Assets for Freight Movement and Economic Development</i>	9/1/2019	Publication pending	
<i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>	08/01/2020	6/30/2022	Project literature and data review 85% complete. Finalizing data tables and beginning GIS mapping.
<i>COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning</i>	02/01/2021	6/30/2022	Project 80% complete. Literature review, interviews, disaster data nearly complete.
<i>Establishing MAASTO Emergency Divisible Load Management</i>	02/01/2021	08/31/2021	<a href="https://midamericafreight.org/wp-content/uploads/2022/03/MAFC26_EDL-0228-e-a1.pdf">https://midamericafreight.org/wp-content/uploads/2022/03/MAFC26_EDL-0228-e-a1.pdf</a>
<i>TPIMS</i>	2017	2026	Continued data warehouse management

Additional Work:

- MAFC website updated (ongoing).
- 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.
- Work continues on web delivery, data management and performance reporting for, *Truck Parking Information Management System Performance Metrics and Data Warehousing* project. States have approved the TPIMS web design and access rules. All initial requirements of the project have been met and MAFC continues management of the data warehouse and web application in partnership with TOPS.

- MAFC continues to participate with the MAASTO CAV team and will work to provide MAFC member perspectives regarding strategic planning, operations, and policy.
- For the 2022-23 agenda, the MAASTO electrification project has been scoped and submitted for contracting. The resiliency project is under development and will be further developed at the MAFC annual meeting.
- Preparations are finalizing for the 2022 MAFC Annual meeting. The MAFC portion of the event includes 3 sessions, a tour, and peer to peer dinner and networking.

**Anticipated work next quarter:**

- Continue contracting for 2022-23 research projects.
- Finalize contracting for *Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning*
- Completing write up of report for *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- Finalize *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*.
- Continue work with MAASTO CAV and electrification teams for the freight electrification project.
- Update MAFC web site.
- Support TPIMS.
- Complete MAFC virtual meeting sessions.

**Significant Results:**

- TPIMS website was turned on for public use.
- Development of freight electrification scope of work with participation from the MAASOT CAV and Electrification Committees, MAFC technical representations, and a variety of professional resources in the agencies.
- Prepared for annual meeting agenda, sessions, speakers, tour, and dinner. Coordinated registration, travel, and lodging for members.

**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).**

There are potential changes to programming and meetings due to national health emergency shutdowns that continue into 2022.

The MAFC TPF has been approved for extension in funding and time for 1 year beginning March 31, 2022, through March 31, 2023.

**Potential Implementation:**

- Private businesses are incorporating TPIMS information in their information sources and products.
- MAFC continues to work with HNTB and Cambridge Systematics on best practices for truck parking under an NCHRP project.
- MAFC Technical and Annual meeting sessions continue with full state participation and have/ will result in the sharing of best practices and data resources, and information in support of individual, agency, and regional freight development.