

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 type="checkbox"/> Quarter 1 (January 1 – March 31) <input type="checkbox"/> Quarter 2 (April 1 – June 30) <input checked="" 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 | \$1,335,658.00 (contracted for as of 9/30/22) \$879,746.78 (paid as of 9/30/22) | 88% |

Quarterly Project Statistics:

| Total Project Expenses and Percentage This Quarter | Total Amount of Funds Expended This Quarter | Total Percentage of Time Used to Date |
|---|---|---------------------------------------|
| \$32,490.46 invoiced 7/1/22-9/30/22; 2.43% of total amount contracted for as of 9/30/22 | \$34,880.83 paid 7/1/22-9/30/22 | 88% |

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 3 rd quarter. Annual meeting completed in coordination with MAASTO, July 25-27, 2022, in Des Moines, IA. |
| <i>The Scope and Importance of Freight Aviation in the MAASTO Region</i> | 08/01/2020 | Published | Link to Report - https://midamericafreight.org/wp-content/uploads/2022/09/Aviation_v10.pdf |
| <i>COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning</i> | 02/01/2021 | 6/30/2022 | Project 95% complete. Responding to reviewer comments. |
| <i>Establishing MAASTO Emergency Divisible Load Management</i> | 02/01/2021 | Published | Link to Report - https://midamericafreight.org/wp-content/uploads/2022/03/MAFC26_EDL-0228-e-a1.pdf |
| <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 20% complete. Literature review, regional and state marine profiles complete. |

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.
- MAFC continues management of the data warehouse and web application in partnership with UW TOPS.
- 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 *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*.
- Work with MAASTO CAV and electrification teams for the freight electrification project.
- Complete major portion of *Preparing for Future Truck Operations: Fleet Electrification and Alternative Fuels*.
- Complete major portion of *Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning*.
- Update the MAFC website.
- Support TPIMS.
- Complete MAFC virtual meeting sessions.

Significant Results:

- MAFC/MAASTO EDL project was awarded MAASTO Transportation Award.
- MAFC/MAASTO EDL project is now in the running for the AASHTO America's Transportation Awards.
- Completed the annual meeting in partnership with the MAASTO meeting in Des Moines, IA, July 25-28, 2022.
- Completed Freight Aviation project report.

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 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. The meeting focus on sharing of best practices and data resources, and information in support of individual, agency, and regional freight development.
- Recommendations in the Freight Aviation report will be discussed in MAFC teleconference to enhance interest and efforts towards greater collaboration with freight aviation professionals.