

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.

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 type="checkbox"/> Quarter 3 (July 1 – September 30) <input checked="" type="checkbox"/> Quarter 4 (October 1 – December 31)	
Project Title: Mid-America Freight Coalition (MAFC) Phase 3		
Name of Project Manager(s): Dean Prestegaard, Wisconsin DOT Andrew Dahlie, Wisconsin DOT Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	Phone Number: (608) 266-9910 (608) 266-5412 (608) 265-9067 (608) 890-2310	E-Mail Dean.prestegaard@dot.wi.gov andrew.dahlie@dot.wi.gov 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	\$1,253,925 (contracted for as of 12/31/21) \$683,528.70 (paid as of 12/31/21)	80%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$115,592.71 invoiced 10/1/21-12/31/21; 9% of total amount contracted for as of 12/31/21.	\$21,663.67 paid 9/30/21-12/31/21	70%

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 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 (February 1, 2021-March 31, 2022.)</i>	2/1/2021	3/31/2023	Web updates, project communication, and teleconferences are completed or underway. Funding for the 2021 MAFC Annual Meeting was moved to research projects in anticipation of a virtual annual meeting.
<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 expected 01/30/2022.	Editing delays have pushed back delivery of the report until 01/30/2022.
<i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>	08/01/2020	11/30/2021	2 nd extension requested to balance workload and budget. Project literature and data review 80% 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	03/31/2022	Extension will be requested to balance workload and budget. Literature review 90% complete. State data needs identified; survey developed to capture data. State Surveys underway.
<i>Establishing MAASTO Emergency Divisible Load Management</i>	02/01/2021	08/31/2021	Project expected for publication 01/20/22.

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. The web site is being finalized and beta tested.
- MAFC was added to MAASTO CAV team and will work to provide MAFC member perspectives on strategic planning, operations, and policy.
- The MAFC Technical representatives and the Planning Committee have approved the MAFC 2022-23 research Agenda and have forwarded projects to the MAASTO BOD for approval.
- Work continues the MAFC virtual meeting. In November a successful session with Dr. Anne Goodchild focusing on urban freight issues was conducted with sessions to follow in January and February.
- TPIMS web application has debuted and is in use.

Anticipated work next quarter:

- Begin contracting for 2022-23 research projects.
- Begin *Collaborative Freight Planning and Economic Development: Maximizing State Marine Freight Planning*
- Complete write up of report for *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- Finalize DOT and agency interviews for *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*.
- Continue work with MAASTO CAV Team to develop strategic plan for freight and CAV.
- Update MAFC web site.
- Support TPIMS final report.
- Complete MAFC virtual meeting sessions.
- Present at WisDOT FAC.

Significant Results:

- Approval of TPIMS website design, access controls, and contents.
- TPIMS website was turned on for public use.
- Completed EDL scenario recommendations with full state concurrence for EDL project. Project commenting finalized and report is being finalized.
- Completed 6-week WisDOT meeting.
- Developed innovative research agenda for 2022- 23 with full participation and concurrence of technical and planning committee.

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, TTI and states to pursue national adoption of TPIMS efforts through NCHRP project. MAFC coordination with TTI and FMCSA has resulted in funding to instrument public truck parking spots in Wisconsin and Iowa to gather data on short term truck parking needs.
- The EDL project resulted in the first regionally harmonized EDL regulations in the U.S.
- MAFC Technical and Annual meeting sessions continue with full state participation and have resulted in the sharing of best practices and data resources, and information in support of individual, agency, and regional freight development.