

## 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 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)	
<b>Project Title:</b> Mid-America Freight Coalition (MAFC) Phase 3		
<b>Name of Project Manager(s):</b> Dean Prestegaard, Wisconsin DOT Andrew Dahlie, Wisconsin DOT Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	<b>Phone Number:</b> (608) 266-9910 (608) 266-5412  (608) 265-9067  (608) 890-2310	<b>E-Mail</b> Dean.prestegaard@dot.wi.gov andrew.dahlie@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> One, for Mar. 31, 2022 to Mar. 31, 2023.

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
\$1,110,000	\$1,109,094.63 (contracted for as of 9/30/2021) \$658,872.30 (paid as of 9/30/21)	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; 60% of total amount contracted for as of 9/30/2021.	\$115,592.71	80%

**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>	4/1/2019	3/31/2023	Web updates, project communication, and teleconferences are completed or underway for the first quarter. Funding for the 2021 MAFC Annual Meeting was moved to research projects in anticipation of a virtual annual meeting. First virtual meeting session scheduled for 11/04/21.
<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 12/15/2021.	Preliminary comments addressed, currently addressing second round of comments.
<i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>	08/01/2020	03/31/2022	2 <sup>nd</sup> extension granted to allow completion of EDL project. Project literature and data review 60% complete. Beginning review of industry history and trends in the region. Creating data tables for reporting.
<i>COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning</i>	02/01/2021	02/28/2022	Literature review 90% complete. State data needs identified; survey developed to capture data. Now beginning state and agency surveys.
<i>Establishing MAASTO Emergency Divisible Load Management</i>	02/01/2021	08/31/2021	Project recommendations 100% complete, final report under review.

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. Perry will present freight cav activities at the 11/05/21 CAV meeting,
- Work is underway to develop the MAFC research agenda for the period 2022 -2023. Balloting is complete on the developed projects and teleconference will be arranged to discuss results with technical committee.
- Work continues the MAFC virtual meeting. Currently 11/04 is set for one session on urban freight issues. A second session is being arranged on resiliency that will include multiple states including TxDOT.

**Anticipated work next quarter:**

- Convene technical group to complete research agenda and discuss state issues and best practices.
- Complete write up of report for *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- Begin DOT and agency interviews for *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*. Includes budget and timeline.
- Continue work with MAASTO CAV Team to develop strategic plan for freight and CAV. This includes a presentation on 11/05 on freight activities to the CAV committee.
- Update MAFC web site.
- Beta test TPIMS data website with TPIMS team.
- Complete 3 MAFC virtual meeting sessions.
- Present at WisDOT FAC.

**Significant Results:**

- Approval of TPIMS website design, access controls, and contents.
- The project report for *Regional Freight Alignment: Understanding Regional Assets for Freight Movement and Economic Development* is in final editing stage after two stages of commenting
- COVID project literature review and initial data collection complete. Draft survey testing underway.
- Completed EDL scenario recommendations with full state concurrence for EDL project.
- Completed 6-week WisDOT meeting.

**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 2021.

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 website under development to provide TPIMS data to researchers and States for additional analysis.
- MAFC continues to work with HNTB, Cambridge Systematics and states to pursue national adoption of TPIMS efforts through NCHRP project. MAFC coordination with TTI and FMCSA has resulted in funding to instrument 60 public truck parking spots in Wisconsin to gather data on short term truck parking needs. Additionally, Iowa is now participating in the study.
- The EDL project recommendations are expected to be agreed upon by the MAASTO BOD at the 10/29/21 AASHTO meeting. This will result in the first regionally harmonized EDL regulations in the U.S.