

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 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)	
Project Title: Mid-America Freight Coalition (MAFC) Phase 3		
Name of Project Manager(s): Dean Prestegaard, Wisconsin DOT Ethan Severson, Wisconsin DOT Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	Phone Number: (608) 266-9910 (608) 266-1457 (608) 265-9067 (608) 890-2310	E-Mail Dean.prestegaard@dot.wi.gov ethanp.severson@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: 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 6/30/2021) \$429,444.94 (paid as of 6/30/21)	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
\$62,726.19; 60% of total amount contracted for as of 6/30/2021.	\$62,726.19	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 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>	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.
<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	Under review, publication expected by Aug 10.	Report final draft is completed and has been distributed for review with state technical representatives.
<i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>	08/01/2020	11/30/2021	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 added to agenda by MAASTO BOD. 85% complete. Literature review, and legislative history complete. State data collection finalized and recommended EDL scenarios have been determined. Preparing for BOD comment and direction.

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.
- MAFC was added to MAASTO CAV team and will work to provide MAFC member perspectives on strategic planning, operations and policy.
- Work is underway to develop the MAFC research agenda for the period 2022 -2023.

Anticipated work next quarter:

- Convene technical group on July 8 or peer-to-peer networking, development of research agenda and discussion of annual meeting topics.
- 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.
- Complete EDL project.
- Continue work with MAASTO CAV Team to develop strategic plan for freight and CAV.
- Update MAFC web site.
- Beta test TPIMS data website with TPIMS team.

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 out for review with state technical representatives.
- COVID project literature review and initial data collection complete. Draft survey under construction.
- 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.
- TRB Research Review publication of the MAFC report, *Identification of Urban Truck Parking Locations in the MAASTO Region (2019)*. Pending release.