

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): Shaun Destrampe Ethan Severson, Wisconsin DOT Dr. Soyoung Ahn, UW-Madison (Principal Investigator) Dr. Ernest Perry (Co-Principal Investigator)	Phone Number: (608) 266-3667 (608) 266-1457 (608) 265-9067 (608) 890-2310	E-Mail Shaun.Destrampe@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: 1/31/2022	Number of Extensions: 0

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	\$817,532.00 (contracted for as of 12/31/2020) \$484,683.00 (paid as of 12/31/2020)	60%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$66,305.41; 60% of total amount contracted for as of 12/31/2020.	\$66,305.41	60%

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 (April 1, 2019-January 31, 2020)</i>	4/1/2019	1/31/2020	Tasks for virtual annual meeting complete. Teleconferences, web updates, communication with MAASTO committees completed throughout the year. 2021 MAFC Annual Meeting will be planned as a live conference.
<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	2/28/2021	Literature review 100%. Interviews with technical representatives complete. Data tables for interviews 100% complete. State fact sheets are being reviewed by state Review of multistate coalitions complete. Review of support for multistate activities and investments in federal programs complete. Interviews with Planning and STIC committee members completed. Final report writeup 95% complete. Verifying information and conclusions with technical representatives
<i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>	08/01/2020	08/01/2021	Finalized contracting for 08/01/2020 project kick-off. Project literature and data review 60% complete. Beginning review of industry history and trends in the region.
<i>COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning</i>	TBD	TBD	State comments on scope of work received and currently being incorporated into scope. Preparing draft final scope, budget, and schedule.

Additional Work:

- MAFC website updated (ongoing).
- Dr. Perry participated 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. Additional coordination was required to finalize decisions on the TPIMS webpage and standardization of reporting.
- Participated in MAASTO CAV eSummit. Helped facilitate group session with MAFC members.

Anticipated work next quarter:

- Complete *Mid America Association of State Transportation Officials (MAASTO) Regional Freight Alignment: Understanding Regional Assets for Freight Movement and Economic Development* study.
- Complete new member services agreement.
- Convene technical group for peer-to-peer networking and MAFC research review.
- Continue literature review and identify all data sources for *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- Contract for the scope of work for *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*. Includes budget and timeline.
- Work with MAASTO CAV Team to develop strategic plan for freight and CAV.
- Coordinate and execute a 1-yr extension for the MAFC TPF.
- Draft collaborative marine freight and port plan project.

Significant Results:

- Continued refinement of TPIMS data exchanges, performance measures and TPIMS web site.
- 95% complete on *Regional Freight Alignment: Understanding Regional Assets for Freight Movement and Economic Development* Developed project.
- Contracted and began work on *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- COVID project scope has been reviewed by states, edits are underway.
- Attended and participated in the MAASTO CAV eSummit. This activity supported MAASTO's drive to be a leader in freight safety and automaton.

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.

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 will work with HNTB, Cambridge Systematics and states to pursue national adoption of TPIMS efforts through NCHRP project.
- With the completion of the *Analysis of Surface Transportation Board Waybill Data for Freight Planning and Operations* study, states will have insight and information to better incorporate freight rail data and information into the rail and freight planning processes.
- TRB presentation on development of TPIMS data management, warehousing and performance measures.
- TRB Presentation on the MAFC report, *Identification of Urban Truck Parking Locations in the MAASTO Region (2019)*.

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