

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 # <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i> MAFC II TPF-5 (293)	Transportation Pooled Fund Program - Report Period: <input checked="" type="checkbox"/> Quarter 1 (January 1 – March 30) <input 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 Pooled Fund II – Member Services 2017-2018		
Name of Project Manager(s): Ernie Perry	Phone Number: 608 890 2310	E-Mail ebperry@wisc.edu
Lead Agency Project ID: TPF-5(293)	Other Project ID (i.e., contract #): TRA 3475291	Project Start Date: 7/1/2017
Original Project End Date: 12/31/2018	Current Project End Date: 12/31/2018	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
\$125,000 as of July 1, 2017	\$85,554	65%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$4,533/4%	\$4,533	50%

Project Description:

History: The Mississippi Valley Freight Coalition was renamed the Mid-America Freight Coalition in 2010.

The goal of this pooled fund is to improve the efficiency of freight movements in the region through inter-jurisdictional cooperation. Through the Mid-America Freight Coalition, the MAASTO states will work cooperatively in the planning, operation, preservation, and improvement of the freight transportation system infrastructure and engage the public and private sectors in the processes for improving the efficiency of these freight transportation systems.

This Member Service contract entails the services provided to Members of the Coalition, which includes coordinating and funding an annual meeting and communication efforts including Web site and newsletter production and teleconferences/webinars. This contract also provides the administrative support for all MAFC projects.

All MAFC projects currently under contract through this pooled fund include:

Modal Investment Comparison report (completed October 2017)

TPF-5(293) Member Services 2017-2018 (in progress)

Identification and Characterization of the MAASTO Region's Multimodal Freight Network (in progress)

MAFC Development of Midwest Platooning Regulatory Model (in progress)

Identification of Urban Truck Parking Locations in the MAASTO Region (in progress)

The MAASTO Executive Board unanimously approved an additional three-year extension for MAFC at the August 2015 MAASTO meeting in Kansas City, Missouri, to December 31, 2018. This was reaffirmed at the 2017 summer MAASTO meeting when the states agreed to begin a new pooled fund in January 2019 and spend remaining Coalition funds on freight research issues.

Progress this Quarter (includes meetings, work plan status, contract status, significant progress, etc.):

An overall project summary table is provided below.

Project	Start Date	End Date	Comments
MAFC/MAASTO Research Plan	1/2017	7/27/2017	Plan approved; some studies underway, others remain to be contracted
Modal Investment Comparison	8/1/2015	10/30/2017	Complete, see: http://midamericafreight.org/wp-content/uploads/MAFC16_ModallInvestmentComparison_FinalReport.pdf 100% of the contract amount has been paid for this study.
Identification and Characterization of the MAASTO Region's Multimodal Freight Network	7/1/2017	5/31/2018; to be extended to 8/3/2018	35% complete with collection of USDOT corridors and corridors identified in states' freight plans as potential corridors to be examined in the study effort. The evolution of highways as freight corridors is also being tracked in order to provide context and history for the accelerated pace in defining a freight system and its components Two invoices, totaling approximately \$70k (about 87.5% of contract's total amount) have been paid for this study. Personnel with GIS and database management experience have joined the team at UW-Madison.

			Researcher asked for extension to 8/3/2018 for this study due to data collection delays. Extension paperwork in process of being signed.
MAFC Development of Midwest Platooning Regulatory Model	9/1/2017	2/28/2018; to be extended to 6/15/2018	In coordination with the STIC, the MAASTO truck platooning working groups and Planning committees we have begun collecting data and have already presented the materials to MAASTO groups twice. Final information brochure complete. Full literature review 95% complete. No invoices have been submitted for this study as of 4/15/2018. Researcher asked for extension to 6/15/2018 for this study due to data collection delays. Extension paperwork in process of being signed.
Identification of Urban Truck Parking Locations in the MAASTO Region	1/1/2018	1/31/2019	In coordination with the states we have begun identifying potential city locations that include "brown fields" that could be repurposed as truck parking areas. No invoices have been submitted for this study as of 4/15/2018.

Additional activities in support of the coalition by Dr. Perry include the following:

01/28/18 – 3/31/18 – Work continues on the MAFC annual meeting. Began organizing sessions and making travel arrangements, meeting registration, and lodging with MI DOT.

Perry is working with WisDOT to get the remaining projects approved by the MAASTO Board of Directors in 2017 under contract. See Table 1 below. Projects with asterisks are in process of approval of scope of work.

Project Title	Duration	Cost
MAASTO Region Bottlenecks Study*	9 months	\$95,000
TPIMS data warehouse and TIGER performance metrics	36 months	\$95,000/year
Freight Data Training	8 months	\$80,000
OSOW support for MC committee and SCOHT	3 months	\$30,000

Anticipated work next quarter:

We will continue work on the prioritized research agenda for the coalition and we will develop state-approved scopes of work for the remaining contracts, contract the projects and begin work.

Data identification and collection will continue for the TPIMS performance evaluation.
GIS analysis and database integration for corridor projects.

Will continue to update web with relevant materials and plan for the 2018. Annual Meeting. We will also create project oversight teams for each project.

Significant Results:

Continued to work with TPIMS group to prepare for implementation of the TPIMS.
Participate in monthly MAASTO Planning committee meetings to keep committee informed of work.
Participate in monthly MAASTO Motor Carrier committee calls to support upcoming OSOW project.
Also attending SCOHT teleconference calls as part of OSOW support project in the research agenda.
Completed Platooning brochure for STIC and the MAASTO Connected vehicles working group.

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).

N/A

Potential Implementation

Work with TPIMS continues and as states go on line with the parking information systems, the performance measures and data warehouse will be prepared.

Work with Platooning working group has resulted in a “leave behind” fact brochure on truck platooning that will be shared with stakeholders and decision makers. A more exhaustive full literature review of truck platooning is being finalized.

Presented the finding of the platooning project at Wisconsin’s Governor’s Steering Committee on Autonomous Vehicles.

Distributed copies of the brochure to the MAASTO AV and Truck Platooning Working group. Distributed to MAFC technical representatives.

With completion of the speaker line up for the MAFC Annual meeting, technical members will have an opportunity to hear from their peers and industry on current and upcoming multimodal freight issues and successes. Registration, hotel reservation and travel arrangement for state representatives are underway and are completed by MAFC.

Importantly, all of the projects will be based on collaboration with the 10 MAASTO states and for the OSOW and Platooning studies, DOT will be coordinated with the Motor Carriers and SCHOT groups and the MAASTO Platooning working group.