

## 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> <i>(i.e., SPR-2(XXX), SPR-3(XXX) or TPF-5(XXX))</i>  MAFC II TPF-5 (293)	<b>Transportation Pooled Fund Program - Report Period:</b> <input type="checkbox"/> Quarter 1 (January 1 – March 30) <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 Pooled Fund II – Member Services 2017-2018		
<b>Name of Project Manager(s):</b> Ernie Perry	<b>Phone Number:</b> 608 890 2310	<b>E-Mail</b> ebperry@wisc.edu
<b>Lead Agency Project ID:</b> TPF-5(293)	<b>Other Project ID (i.e., contract #):</b> TRA 3475291	<b>Project Start Date:</b> 7/1/2017
<b>Original Project End Date:</b> 12/31/2018	<b>Current Project End Date:</b> 12/31/2018	<b>Number of Extensions:</b> 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	\$77,257	50%

Quarterly Project Statistics:

Total Project Expenses and Percentage This Quarter	Total Amount of Funds Expended This Quarter	Total Percentage of Time Used to Date
\$77,257/62%	\$77,257	17%

**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 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; communication efforts: 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:

TPF#5(293) Member Services 2017-2018

Modal Investment Comparison (in process)

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

MAFC Development of Midwest Platooning Regulatory Model (in process)

The MAASTO Executive Board Unanimously approved an additional three year extension for MAFC at the August 2015 MAASTO meeting in Kansas City Missouri to Dec 31, 2018.

**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	Chicago Freight summit created new projects that had to be scoped and vetted which extended timeline.
Modal Investment Comparison	8/1/2015	8/31/2017	90% complete, final draft to technical representatives 2/2017. No cost extension to 10/30/2017.  Final invoice, dated 9/28/2017, for \$52,139 sent to WisDOT. This represents 100% of the contract amount and will be paid upon receipt of final report.
MAFC Annual meeting	8/2/2017	8/4/2017	Complete. Website will be complete with meeting notes and photographs as Ohio Conference organizers distribute.
Identification and Characterization of the MAASTO Region's Multimodal Freight Network.	7/1/2017	5/31/2018	Fifteen percent complete with collection of USDOT corridors and corridors identified in states' freight plans as potential corridors to be examined in the study effort.  First invoice, dated 10/3/2017, for \$6,557.77 sent to WisDOT. This represents 8% of the contract amount and is in the process of being paid.
MAFC Development of Midwest Platooning	9/1/2017	2/28/2018	Project just recently contracted. In coordination with the STIC and Planning committees we have begun collecting data and have already presented the materials to MAASTO groups twice.

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

Presented with Scott Marion of MoDOT on Urban Truck parking research at MAASTO Summer meeting, Aug 28.  
Presented at SCOHT meeting with John Maddox of KSDOT on Truck Platooning Sept. 28.

Organization of travel for state attendees for annual meeting.

Planning sessions and secure speakers for the annual meeting held Aug 2-4 in conjunction with the Ohio Conference on Freight.

Besides the Identification and Characterization of the MAASTO Region's Multimodal Freight Network study, two other research projects were approved at the May BOD in Portland Maine. They are:

- **Quantifying the Value of Modal Investments, 12 months, \$100,000**
- **OSOW support for MC committee and SCOHT, 3 months, \$30,000**

Perry is working with WisDOT to get these project under contract. At the July MAASTO meeting four additional projects (besides the MAFC Development of Midwest Platooning Regulatory Model project) were approved and will be contracted sequentially over the next two months. See Table below.

Project Title	Duration	Cost
TPIMS data warehouse and TIGER performance metrics	36 months	\$95,000/year
Truck Parking in Urban Areas	14 months	\$100,000
MAASTO Region Bottleneck Study	9 months	\$95,000
Freight Data Training	8 months	\$80,000
<b>Total estimated costs</b>	<b>N/A</b>	<b>\$370,000</b>

**Anticipated work next quarter:**

We will begin work on the prioritized research agenda for the coalition, we will developed state-approved scope of works and contract projects and begin work.

Data identification and collection will continue for the TPIMS performance evaluation.

Will continue to update web with relevant materials and plan for an early November teleconference to work towards and a 2018 meeting location, discuss project progress and team participation.

**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.

Finalized 2017-2018 work plan. Working with College of Engineering and WisDOT on organizing pooled fund

activities.

In final draft of Modal Investment Comparison research.

**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.

States continue to innovate in freight, MAFC supports the identification, analysis and implementation of these innovations. Three freight planning sessions at MAFC meeting designed for peer to peer interaction and learning on FAST compliant plans, future planning issues and perspectives from the federal, state and local level, and what innovative and changing technologies mean to planning in terms of new considerations and data.

Importantly all of the projects will be based on collaboration with the 10 states and for the OSOW and Platooning studies, DOT

Members of the AV Working Group will also participate in industry interviews.