

## 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><br><br>TPF-5(396)  | <b>Transportation Pooled Fund Program - Report Period:</b><br><input checked="" type="checkbox"/> Quarter 1 (January 1 – March 31)<br><input type="checkbox"/> Quarter 2 (April 1 – June 30)<br><input type="checkbox"/> Quarter 3 (July 1 – September 30)<br><input type="checkbox"/> Quarter 4 (October 1 – December 31) |  |
| <b>Project Title:</b><br>Mid-America Freight Coalition (MAFC) Phase 3  |  |  |
| <b>Name of Project Manager(s):</b><br>Dean Prestegaard, Wisconsin DOT<br>Ethan Severson, Wisconsin DOT<br><br>Dr. Soyoung Ahn, UW-Madison (Principal Investigator)<br>Dr. Ernest Perry (Co-Principal Investigator) | <b>Phone Number:</b><br>(608) 266-9910<br>(608) 266-1457<br><br>(608) 265-9067<br>(608) 890-2310   | <b>E-Mail</b><br>Dean.prestegaard@dot.wi.gov<br>ethanp.severson@dot.wi.gov<br><br>sue.ahn@wisc.edu<br>ebperry@wisc.edu |
| <b>Lead Agency Project ID:</b><br>TPF-5(396)   | <b>Other Project ID (i.e., contract #):</b>  | <b>Project Start Date:</b><br>2/1/2019   |
| <b>Original Project End Date:</b><br>1/31/2022   | <b>Current Project End Date:</b><br>1/31/2022  | <b>Number of Extensions:</b><br>Requested ext. from<br>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          | \$979,094.63 (contracted for as of<br>03/31/2021)<br>\$366,718.75 (paid as of<br>03/31/2021) | 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 |
|---|---|---------------------------------------|
| \$59,732.95; 60% of total amount contracted for as of 03/31/2021. | \$59,732.95                                 | 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   | 1/31/2020  | 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   | 2/28/2021  | Report final draft is completed and in review at UW with anticipated distribution for review by the technical committee in Mid-April.   |
| <i>The Scope and Importance of Freight Aviation in the MAASTO Region</i>  | 08/01/2020 | 08/01/2021 | 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 60% complete. State data needs identified; survey developed to capture data. Currently following up on requested project data from states.  |
| <i>Establishing MAASTO Emergency Divisible Load Management</i>  | 02/01/2021 | 08/31/2021 | Project added to agenda by MAASTO BOD. 30% complete. Literature review, and legislative history complete. State data collection underway.   |

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.

**Anticipated work next quarter:**

- Convene technical group for peer-to-peer networking and MAFC research review.
- Finalize data collection for *The Scope and Importance of Freight Aviation in the MAASTO Region*.
- Complete literature review and data collection for *COVID-19 Disruptions: Freight System and Agency Operational Changes Affecting Freight Planning*. Includes budget and timeline.
- Complete EDL project interviews and data analysis.
- 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.
- Begin MAFC research agenda development with input from technical representatives.
- Update MAFC web site

**Significant Results:**

- Approval of TPIMS website design, access controls, and contents.
- 98% complete on *Regional Freight Alignment: Understanding Regional Assets for Freight Movement and Economic Development* Developed project.
- COVID project underway with literature review and initial data collection.
- Assigned, designed and contracted EDL project at direction of MAASTO BOD.
- 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.
- TRB Research Review publication of the MAFC report, *Identification of Urban Truck Parking Locations in the MAASTO Region (2019)*. Pending release.