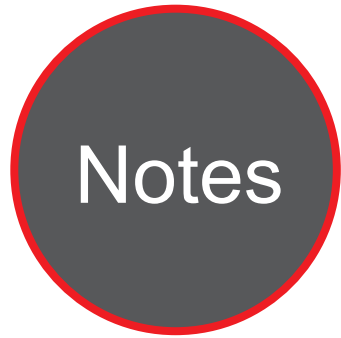




Caltrans Division of Research,
Innovation and System Information

Research



Planning, Policy,
Programming

FEBRUARY 2021

Project Title:
Transportation Asset Management
Research Program

Task Number: 2900

Start Date: February 13, 2015

Completion Date: December 31,
2023

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Develop and Support Transportation Performance Management Capacity Development Needs for State DOTs, TPF-5(326)

Determine and support participating State's, Metropolitan Planning Organizations', and Public Transportation providers' Transportation Performance Management Capacity Development needs.

WHAT IS THE NEED?

Moving Ahead for Progress in the 21st Century (MAP-21) establishes a broad performance-based approach to the Federal Highway Program. MAP-21 identifies seven performance areas in which the United States Department of Transportation (USDOT), in consultation with their stakeholders, will develop performance measures. Under MAP-21, State Transportation Agencies, Metropolitan Planning Organizations (MPOs) and public transit providers are required to develop strategies and targets for each of the performance measures (PM) established by USDOT.

States are required to set targets no later than one year after USDOT establishes the PM. Public transportation providers are required to set State of Good Repair and Safety targets no later than three months after USDOT establishes measures. The focus of this pooled-fund project will be to determine and support participating State's, MPO's, and Public Transportation providers' Transportation Performance Management (TPM) Capacity Development needs.

WHAT ARE WE DOING?

The focus of this project will be to research and assess training and educational needs of contributing members, developing and delivering training, and facilitating the sharing and retention of performance management best practices.



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Deliverables include:

- Identify Gaps in TPM Knowledge, Skills and Abilities—Conduct a needs analysis for learning and capacity development of contributing members resulting in a short- and long-term capacity building roadmap;
- Develop and Deliver Learning and Capacity Development Resources—Develop training and educational material to meet the gaps identified in the knowledge, skills and abilities;
- Establish a TPM Information Clearinghouse—It will be used to showcase PM best practices, foster collaboration, and serve as a repository for PM resources; and
- Support Knowledge Transfer Among Pooled Fund States.

WHAT IS OUR GOAL?

Specifically, this project will guide the prioritization of needs for determining training and other educational support for contributing members by:

- Providing and promoting communication and information sharing among member States related to learning and capacity development needs in the areas of PM and provide input on research topics.
- Developing a framework and roadmap for addressing learning and capacity development needs.
- Identifying learning and capacity development resources needed to support the development of PM skills.
- Developing online and/or blended training courses and materials that are suitable for a wide variety of audiences, such as State Departments of Transportation (State DOTs), MPOs, Public Transit Providers, and local governments.
- Supporting a TPM Information Clearinghouse which will serve as a repository for TPM best practices and other resource information to assist states, MPO's and local agencies.

WHAT IS THE BENEFIT?

The focus of this project will be to research and assess training and educational needs of contributing members, develop and deliver training, and facilitate the sharing and retention of performance management best practices.

WHAT IS THE PROGRESS TO DATE?

Accomplishments:

Task 0: Pooled Fund Project Management and Communication

Developed Monthly Pooled Fund Newsletter. Sent October, November and December newsletters to pooled fund members.

The most recent (May) newsletter is available here: <https://us16.campaign-archive>.

And a complete archive is available at: <https://www.tpm-portal.com/community/tpm-pooled-fund/tpm-pooled-fund-member-page/>
The password for this page is: NPMRDS

- Held monthly meetings with leadership team.
- Responded to inquiries from members via the TPM mailbox.

Task 1: TPM Information Clearinghouse

- Continued to conduct maintenance.
- Continued populating the site with resources.

Tasks 2 and 3: TPM Knowledge Development and Knowledge Transfer

- Produced second set of TPM Now! video series.
- Planned and executed November Peer Exchange in Minneapolis.

Task 4: PM3 Web-based Analytics Tool

Assisted in communicating TPM PM3 expanded dataset opportunity to pooled fund members and AMPO members.

There was a total of 50 MAP-21 related support requests:

- Access questions/requests for more information: 28
- Bugs/requests for extended supports: 22

We spent a total of 81.5 customer support hours responding to these questions and/or maintaining and improving the tools.

Accounts

- New account registrations in member states: 130
- New member states: 9

Contracting and New Services

- The following agencies sent letters-of-commitment to become new members of Task 4:
 - Kentucky Transportation Cabinet (KYTC) - Base coverage only
 - Letters of Commitment are also expected during CY2020 Q1 for Option C (add additional services) for Arkansas DOT for Option C. We have had continued expressions of interest from Georgia DOT for Option C,, but have not yet been received.
 - There are now 27 states receiving services through Task Four, plus one Metropolitan Planning Organization.
- Task 5: Inclusion of National Performance Management in Benchmarking Website.
 - Continue to maintain website.

Anticipated Work:

Continue to provide communication and administration assistance to support pooled fund leadership group and technical advisory committee.

- Host 2020 Q1 TMP Pooled Fund Member webinar.
- Host monthly leadership calls.
- Continue to communicate information through the TPM Pooled Fund Monthly Newsletter.
- Continue to monitor TPM Pooled Fund mailbox and respond to inquiries.

Continue to work on TPM Web Portal.

Continue to provide Knowledge Management and Knowledge Transfer support

- Develop proposed outline and approach for pilot online training sessions using TC3 platform. Provide to leadership team for input.
- Assist with production of remaining TPM Now! Videos.
- Conduct Kickoff Meeting for November Peer Exchange Planning Team.
- Continue planning November Peer Exchange.

Continue to support PM3 work.

Work with contractors and FHWA to get national performance management data included in the benchmarking website.