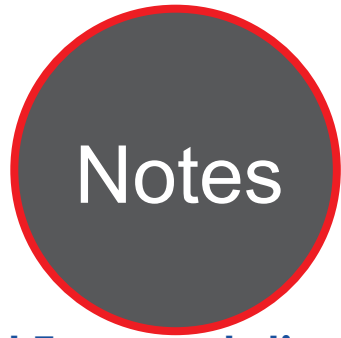




Caltrans Division of Research,  
Innovation and System Information

# Research



# Notes



Planning, Policy,  
Programming

MAY 2020

Project Title:  
Transportation Asset Management  
Research Program

Task Number: 2900

Start Date: February 13, 2015

Completion Date: December 31,  
2020

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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.

Deliverables include:

- Identify Gaps in TPM Knowledge, Skills and Abilities—Conduct a needs analysis for learning and capacity development of



DRISI provides solutions and knowledge that improves California's transportation system

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 By the Research Team:*

#### **Task 0: Pooled Fund Project Management and Communication**

- Developed Monthly Pooled Fund Newsletter and sent October, November and December newsletters to pooled fund members
- 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

#### **Task 5: Inclusion of National Performance Management Data in Benchmarking Website**

- Continue to maintain website

#### **Anticipated Work:**

The research team will continue to provide communication and administration assistance, work on the TPM Web Portal, provide knowledge management/transfer support, support PM3 work, and work on getting the data in Task 5 included on the benchmarking website.