**ADVANCE WORKSHOPS**

**Sunday, July 15, 2018**

10:30 a.m.–Noon

**Bridge Management Applications for Your TAMP**
Steven Gaj, Federal Highway Administration

Bridge management systems are often well established in agencies. These existing management systems provide a lot of data to support asset management. Presenters will provide examples of how pavement and bridge management systems can be used to support asset management.

1:30 p.m.–5:00 p.m.

**Using New Tools and Processes to Enhance TAM**
Andrew Lemer, Transportation Research Board

Recently completed and ongoing National Highway Cooperative Research Program (NCHRP) projects provide concepts, methods and tools for asset management process improvement. This workshop provides an overview of research products in three areas:

- Data management for managing asset-system performance
- Enlightened TAM practices and their payoffs
- Knowledge as an asset that enhances physical asset value and system performance

**Asset Management 101**
Sue McNeil, University of Delaware

This workshop will provide a foundation for practitioners including understanding what transportation asset management (TAM) is and what TAM means for their organization. The perspectives of a state Department of Transportation, a transit agency and a multimodal organization will presented their experiences. Topics covered include resources and tools available to support asset management; and the practical steps to follow for implementation.
What We Learned From the TAMP Development Process
Michael Johnson, CALTRANS; Brad Allen, Applied Pavement Technology, Inc.; Niles Annelin, Michigan Department of Transportation

State Highway agencies in the United States will have submitted their initial TAMP’s to their FHWA Division offices by April 30, 2018. This workshop will feature presentations and discussions from agencies related to successes, challenges, and lessons learned from the development of their initial TAMPs. Presentations may also be made regarding how State DOT’s intend to apply these lessons to preparation of their final TAMPs, due July 30, 2019.

- **Life Cycle Planning, Risk Management, and Financial Plans:** Initial TAMPs are not required to include life cycle planning analyses, risk analyses or completed financial plans. It is expected that some states will include some or all of these components in their initial TAMPs, and others will not. This session will allow agencies to share how they have accomplished these items and discuss challenges they are facing to complete these items for their final TAMP.

- **Addressing Resilience concerns in TAMP Development:** TAMPs are required to address resilience in life cycle planning and assessment of risks; TAMPs are also required to include an assessment of alternative strategies to address highway and bridge assets that have been repeatedly damaged during emergency events. This assessment, required under section 667, will require states to research emergency response records, analyze identified assets, and incorporate the alternative strategies as part of their TAMP investment strategy.

1:30 p.m.–3:00 p.m.

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**Pavement Management Applications for Your TAMP**
Butch Wlaschin, Federal Highway Administration

Pavement management systems are often well established in agencies. These existing management systems provide a lot of data to support asset management. Presenters will provide examples of how pavement and bridge management systems can be used to support asset management.

3:30 p.m.–5:00 p.m.

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**How To Use TAM Information To Grab the Attention of Executives**
Deb Miller, Surface Transportation Board

This workshop will focus on how to take data output from asset management analysis and turn it into a useful decision-making tool for leadership, governing bodies and the public. The workshop will showcase approaches that work as well as approaches that don’t. The panel will provide examples and helpful “how-tos” as well as “how NOT tos”. The goal of the session is to illustrate best practices for turning asset management data into decisions through an interactive session.