

# TAM Mega Meeting

July 13-15, 2020

## Session 1

Leveraging TAM to  
Manage  
Uncertainty In  
Revenue

## Session 2

Federal Legislation  
and TAM

## Session 3

Joint AASHTO  
& TRB Asset  
Management  
Business Meeting

## Session 4

TAM Research  
Into the  
Future

## Session 5

TRB Webinar:  
Transportation  
Asset Management  
In a World of  
COVID-19

## Session 6

TPM and Target  
Setting Overview

Closing  
Session  
during last  
30 minutes of  
Session 6

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**TRB**



# TAM MegaMeeting Objectives

**Build and  
Support our  
TAM  
Community**

**Look to the  
Future**

**Celebrate Our  
Accomplishments**



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# Agenda

1. Chairs Welcome
2. Update on Asset Management Strategic Plan Project
3. Agency Updates
4. Update on 2021 TRB Nation TAM Conference Planning Process
5. AASHTO Subcommittee on Asset Management Business
6. TRB Committee Proposal: AKT80 *Strategic Highway Infrastructure Management*
7. TRB Asset Management Committee (AJE30) Business
8. Upcoming Events



# Chairs Welcome

Tim Henkel and Matt Haubrich

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# Update on Asset Management Strategic Plan Project

Hyun-A Park

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# Agency Updates

- a. Federal Highway Administration
- b. Federal Transit Administration
- c. AASHTO
- d. TRB
- e. PIARC

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## Case Studies to be available Summer 2020

- Case Study 1: Documenting Asset Management Practices
- Case Study 2: Linking Asset Management to Planning and Programming
- Case Study 3: Life-Cycle Planning Practices
- Case Study 4: Managing Risks to Assets
- Case Study 5: Developing Financial Plans and Investment Strategies
- Case Study 6: Communicating Asset Management Strategies
- Case Study 7: Managing Non-Bridge-and-Pavement Assets

## FHWA Reports being developed

- Report 1: Performance Gap Analysis
- Report 2: Linking Transportation Asset Management, Transportation Performance Management, and Performance-Based Planning
- Report 3: How Short-term Bridge and Pavement Targets Compliment the Long-term State-of-Good-Repair



# FTA

## John Giorgis

- TAM Virtual Roundtable
  - July 28-30, 2020
    - July 28: General session featuring transit agency executives
    - July 29 and 30: invite-only, interactive sessions.
  - [www.transit.dot.gov/TAM/SGRroundtables/2020Roundtable](http://www.transit.dot.gov/TAM/SGRroundtables/2020Roundtable)
- New Online Instructor-Led Course
  - Enhancing your Transit Asset Management (TAM) Program with Lifecycle Management
  - FTA is coordinating with the Volpe Center and the National Transit Institute (NTI) to pilot.
  - The course is to help transit agencies mature their TAM programs, to go beyond the minimum TAM rule requirements, and incorporate lifecycle analysis to manage risk, minimize costs, and maximize the performance of assets.
- June 3<sup>rd</sup> Webinar *Using data to support TAM* is now published on our TAM website

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# AASHTO

Matt Hardy

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# TRB

Claire Randall, Jason Bittner, Katie Zimmerman

1. Annual Meeting update (Randall)
2. Group updates (Zimmerman): *Young Members Group Subcommittee*
3. Section updates (Bittner)
  - New committees
  - Paper deadline reminder
  - CRC efforts

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# PIARC

Gerardo Flintsch

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# PIARC TC 3.3 - Asset Management Update

**Gerardo Flintsch**

Chair, TC 3.3 Asset Management

IFSTTAR , 14 - 20 boulevard Newton,  
Cit descartes , Champs-sur-Marne  
France

January 2020



## 2. Products from Previous Cycles (cont.)

Most Recent (Cycle 2016 – 2019)

- **Asset Management Manual - A Guide for Practitioners!**

<https://road-asset.piarc.org/en>

- General Concept and Requirements for Asset Management Training Courses

- **Innovative Approaches to Asset Management**



# 2016 – 2019 Strategic Plan



- ✓ Technical Committee 3.1 – Road Safety
- ✓ Technical Committee 3.2 – Winter Service
- ✓ **Technical Committee 3.3 – Asset Management**
- ✓ Technical Committee 3.4 – Environmental Sustainability in Road Infrastructure and Transport



Strategic Theme 1 Road Administration	Strategic Theme 2 Mobility	Strategic Theme 3 Safety and Sustainability	Strategic Theme 4 Resilient Infrastructure
TECHNICAL COMMITTEES			
TC 1.1 Performance of Transport Administrations	TC 2.1 Mobility in Urban Areas	TC 3.1 Road Safety	TC 4.1 Pavements
TC 1.2 Planning Road Infrastructure and Transport to Economic and Social Development	TC 2.2 Accessibility and Mobility in Rural Areas	TC 3.2 Winter Service	TC 4.2 Bridges
TC 1.3 Finance and Procurement	TC 2.3 Freight	TC 3.3 Asset Management	TC 4.3 Earthworks
TC 1.4 Climate change and resilience of Road Network	TC 2.4 Road Network Operation/ITS	TC 3.4 Environmental Sustainability in Road Infrastructure and Transport	TC 4.4 Tunnels
TC 1.5 Disaster management			
Terminology Committee			
Road Statistics Committee			
TASK FORCES			
TF 1.1 Well-Prepared Projects	TF 2.1 New mobility and its impact on road infrastructure and Transport	TF 3.1 Road Infrastructure and Transport Security	TF 4.1 Road Design Standards
TF 1.2 HDM-4			



# TC 3.3 – Asset Management Issues

**3.3.1 Innovative approaches for asset management systems – WG 1**

**3.3.2 Measures for improving resilience of road network – WG 2**

**3.3.3 Renewal and rejuvenation of aging infrastructure – WG 3**

**3.3.4 Update of the Asset Management – WG 4**

Support TF on HDM-4



# Cross-cutting Highlighted Themes / Issues

- Road Safety
- Resiliency
- Climate Change

## Meetings

- Fall Meeting in Chicago, IL has been cancelled
- Virtual meeting in September or October
- Spring Meeting TBD (Rome or Santiago) with the TF on Security





# Update on 2021 TRB Nation TAM Conference Planning Process

Brad Allen

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# AASHTO Subcommittee on Asset Management Business

- a. INVEST Act Discussion
- b. Update on Annual TAM Issue Tracking Survey
- c. Member Participation and Recruitment Discussion
- d. Update from Liaisons to Other AASHTO Committees

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# Update on Annual TAM Tracking

Survey  
Matt Haubrich

- Survey done six times since 2012
  - 2019 had 264 responses, including responses from 51 DOTs
- Survey of TAM practitioners, not agencies
  - Goal is to understand our community needs
- 2019 Survey Results: [bit.ly/33xTzcJ](https://bit.ly/33xTzcJ)
- Working on a review of questions
- Expect to see an invite in early August
  - Q: How can we better reach local agencies? MPOs?

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# Member Participation and Recruitment

Aimee Marie McDonnell

- Data mining on past committee meeting notes
  - <https://bit.ly/AttendeeList-DOT>
- Welcoming Participation & Ideas for Membership!
- Seeking Volunteer(s) to Help Manage Membership

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# Liaison Update

Anne-Marie McDonnell

- CBPM Technical subcommittee liaisons
  - Risk Management: Anne-Marie McDonnell (CT)
  - Organizational Management: Jack Smith (ND)
  - System Mobility and Emerging Technologies: TBD
- CBPM Coordinating subcommittee liaisons
  - Research: William Johnson (CO)
  - Professional Development: Martin Kidner (WY)
  - Policy & Rulemaking: Matt Swift (OK)
- Other AASHTO Committee liaisons
  - Data Management: Matt Swift (OK)
  - Maintenance: Steve Wilcox (NY)
  - Planning: Matt Swift (OK)
  - TSSR: William Johnson (CO)
- Role of liaisons
  - The liaison role doesn't have any specific duties – it's mostly just being active in both groups so we can have situational awareness of issues of mutual importance across the committees/subcommittees.



# TRB Committee Proposal: AKT80 *Strategic Highway Infrastructure* *Management*

Rob Zilay

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# 7. TRB TAM Committee (AJE30)

## Business

- a. Committee Membership
- b. TSP Update
- c. Subcommittee and Coordinator Updates

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# AJE30 Scope Statement

TRB is requiring **all** committees to review and revise their scope statement this year.

## **Current (from last ABC40 TSP):**

The Committee seeks to advance the state of the art and state of the practice in asset management. Asset management is a process to strategically manage the transportation system in a cost-effective and efficient manner. Asset management by its nature is a collaborative process, and the Asset Management Committee works with other TRB Committees across all modes, with the AASHTO Asset Management Subcommittee, and other partners.

**Current:**

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**Scope statement:** The scope should be structured as follows: “The committee is concerned with [include a concise description of the topics the committee will address].” The topic description in a scope statement should be general enough not to overly constrain the committee, but specific enough to make clear that the committee’s scope is distinct from that of other committees. Scope statements should **not** include:

- A detailed list of specific topics; these can be addressed in the committee’s Triennial Strategic Plan and/or website.
- A list of committee activities, which are generally the same for all committees.
- Statements of the importance of the topic; once a committee is approved it is apparent that it is considered important.
- Technical jargon; the scope should be readily understandable to a member of the larger transportation community, not only experts who may serve on the committee itself.
- Terms that suggest activities that TRB standing committees do not engage in, such as: **advance**, evaluate, publicize, support, promote; establish, develop or set standards or criteria; endorse or advocate; advise or recommend.



# June - Proposals

Option 1	Option 2
<p>This committee is concerned with the use of asset management principles and practices to strategically manage transportation systems in a cost-effective, and efficient, and sustainable manner. The committee provides a forum for the transportation asset management (TAM) community to exchange ideas, share experiences, and to develop and disseminate research. The committee strives to support and advance the state of the art and state of the practice of TAM knowledge and implementation. The committee seeks to span all modes of transportation systems through its diverse membership and joint activities with other stakeholders, including AASHTO, AMPO, APTA, USDOT, PIARC, other TRB committees, and many others.</p>	<p>This committee is concerned with the use of asset management principles and practices in transportation applications. By providing a forum for the transportation asset management community to exchange ideas, share experiences, develop and disseminate research, and continuously learn the supports the advancement of asset management knowledge and implementation. The committee seeks to spans the range of transportation infrastructure through its diverse membership and joint activities with other stakeholders, including AASHTO, AMPO, APTA, USDOT, PIARC, other TRB committees, and many others. While past committee efforts have primarily focused on surface transportation, the committee's continuous outreach efforts strives to expand its purview to all modes of transportation.</p>

# Final Proposed Version

This committee is concerned with the use of asset management principles and practices to strategically manage transportation infrastructure systems in a cost-effective, efficient, and sustainable manner. The committee provides a forum for the transportation asset management (TAM) community to exchange ideas, share experiences, and to develop and disseminate research. The committee strives to support and advance the state of the art and state of the practice of TAM knowledge and implementation. The committee seeks to span all modes of transportation systems through its diverse membership and joint activities with other stakeholders, including AASHTO, AMPO, APTA, USDOT, PIARC, other TRB committees, and many others.



# TRB Annual Meeting January 24-28, 2021 Washington, D.C.

## Schedule

- ✓ June 15<sup>th</sup> – Workshops Due
- August 1<sup>st</sup> – Papers Due
- September 15<sup>th</sup> – Paper Reviews Due
- **October 1<sup>st</sup> – Sessions Due**

## Next Step



Did you hear a great speaker or case study this week? Send ideas for session topics to Meredith Hill at [MHill8@mdot.Maryland.gov](mailto:MHill8@mdot.Maryland.gov)

- August Committee Meeting Finalize topics to develop into lectern Sessions

## AJE30 Events (under development)

### Committee Meetings

### Workshops

Host **Effective Approaches Integrating Performance, Asset, and Risk Management within Transportation Agencies**

AEJ30 - Transportation Asset Management

Co **Measuring Transportation Needs and Performance in the Era of the Pandemic**

AJE20 - Performance Management

### Lectern Sessions - Due October 1, 2020

- 1 To Be Determined
- 2 To Be Determined (may come from papers)

### Poster Sessions

# Upcoming Events

## a. Meetings

- AASHTO Committee on Performance-Based Management (Virtual): October 13-16, 2020

## b. Webinars

- TPM Pooled Fund Target Setting MiniSeries
- AASHTO/FHWA TAM Webinar Series
  - 3<sup>rd</sup> Wednesday, 2:00-3:30pm (EASTERN), Even Months
- TPM Pooled Fund Webinar Series
  - 3<sup>rd</sup> Wednesday, 2:00-3:30pm (EASTERN), Odd Months

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<https://www.tam-portal.com> or <https://www.tpm-portal.com>