

# AASHTO CPBM/TPM Pooled Fund

## Joint Quarterly Meeting Notes

June 4, 2020, 2:00 PM – 4:00 PM EDT

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- **Welcome and Agenda.** CPBM Chair Tim Henkel welcomed attendees to the first Joint AASHTO Committee on Performance-Based Management / Transportation Pooled Fund quarterly meeting. He shared the purpose of the quarterly web calls is to share AASHTO and CPBM Committee information and updates with CPBM members and TPM Pool Fund Members and to get input on TPM needs. He reminded attendees that links to the notes and slides from today's web call will be posted on the TPM Pooled Fund Web Portal at [tpm-portal.com](http://tpm-portal.com)
  
- **FHWA Update.** Susanna Reck provided a TPM capacity-building update.
  - She thanked states for submitting the highway pavement data into HPMS. Everyone submitted it on time. The policy team is reviewing the data and preparing for the next reporting in June.
  - FHWA recognizes that HPMS data is a challenge for states and is exploring how to assist in the future.
  - The FHWA Safety Office is providing targeted technical assistance workshops for states that did not make safety significant progress on 2018 targets. Contact Susanna for the FHWA workshop contacts.
  - There is a free HSIP Roundtable being planned for July 9, 2020, from 1-4 PM EDT. This event will provide states that did not make safety significant progress an opportunity to meet with their peers and ask questions to help them develop a meaningful HSIP implementation plan. Contact Susanna for more information.
  - Matt Haubrich asked about August redistribution. Susanna indicated FHWA will set aside obligation limitation in an amount equal to a state's FY2017 HSIP apportionment. The state cannot obligate HSIP funds in this amount in FY2021 and will need to return any unused obligation limitation during the August redistribution. This will not impact a state's eligibility for future redistribution. A memo is forthcoming from FHWA Headquarters to FHWA Division Offices. If states have questions, they should contact their FHWA Division Office.
  - The form for the required Mid-Period Performance Report is posted on the FHWA TPM site at: <https://www.fhwa.dot.gov/tpm/>. Each of the state points of contact handling the submission for this year will receive notification of a webinar on July 21, 2020 to walk through the portal and data submission process.

- Susanna reminded attendees of the July 1, 2020 deadline for submitting the consistency determinations for TAMP implementation. Any questions should be directed to FHWA Division Offices or Steve Gaj at FHWA.
  - The FHWA TPM dashboards now include the 2019 information (note: it will display as 2018 data, since it was collected in 2018). Feel free to send comments and suggestions for improvement to Susanna.
  - There is an FHWA MPO study being conducted on MPO target information.
  - Additionally, a PBPP evaluation is underway through FHWA's planning office.
  - An EdX pilot is also kicking off this month. Susanna will provide additional information when it is available.
  - There is a virtual PM3 peer exchange in the planning stage. FHWA's Rich Taylor is working with Matt Hardy and CPBM's system mobility subcommittee on the planning. Contact Susanna or Rich for more information.
  - The FHWA Freight Office has been analyzing NPMRDS data from 2017-2019. They are working on a report that will be shared at a future date.
- **AASHTO Update.** Matt Hardy provided an AASHTO update.
    - Matt presented a PM 1 Safety Performance Measures Analysis developed by AASHTO and shared with the AASHTO Committee on Safety.
    - CPBM analyzed the results and found 27 State DOTs *Made Significant Progress* and 25 State DOTs *Did Not Make Significant Progress*.
    - AASHTO's analysis shows 16 states met or exceeded their targets for at least 4 of the 5 measures, and 36 states needed to use the baseline assessment as an alternative to assess meeting significant progress (note: only 11 of these had the baseline help them in meeting significant progress).
    - AASHTO concluded that 40% of states needed the baseline assessment to ensure they were making significant progress, and the baseline assessment enables DOTs to establish more aggressive targets.
    - Most everyone met or did better than the target for serious injuries.
    - The majority of DOTs set a target close to the actual, and the difference between the actual and the target was often very small.
    - Matt invited attendees to share their comments and thoughts on the next steps and what to do with the analysis.
    - Matt Haubrich asked what Matt needs from members. Matt said he needs to know what questions we want to ask, including:
      - What kind of targets did states develop?
      - What is the correlation between the target setting technique and making significant progress?
      - What was the impact of Toward Zero Deaths goals on target achievement and making significant progress?
      - Are there other techniques that could be used to determine making significant progress?

- Once Matt knows the questions members want addressed, there are several analysis mechanisms that could be used.
  - Matt reviewed the House T&I Bill (INVEST). Significant changes in the bill include:
    - New Performance Measures – Greenhouse Gas (GHG) Emissions and Accessibility.
    - Target Setting – States would not be able to set regressive targets for either the 5 existing safety measures nor the GHG measure(s).
    - Transportation Demand Data and Modeling – The Secretary would be required to conduct a research study to understand better how DOTs and MPOs are forecasting demand, to improve their ability to forecast demand and to understand the impact of projects on travel behavior.
  - Send any comments on the bill to Matt.
  - Susanna commented on the safety analysis that this is the first cycle, and it may take a few years before we know what resources are needed. She stressed that FHWA wants to continue to partner with AASHTO to understand needs and develop resources.
- **CPBM Business.** Tim provided an update on the CPBM mission and vision, which can be found on the TPM Portal at: <https://www.tpm-portal.com/community/cpbm/>. In addition to the Mission and Vision, the homepage includes ways to participate, past meeting materials, membership information and documents.
  - **Overview of CPBM.** An overview of the structure of the committee can be found in the presentation. A complete list of subcommittees and recurring meetings is posted on the TPM Portal at: <https://www.tpm-portal.com/wp-content/uploads/2020/06/AASHTO-CPBM-Subcommittee-Webinars200603.pdf>
  - **CPBM Subcommittee Updates.**
    - Asset Management – Matt Haubrich and Anne-Marie McDonnell provided an overview of the subcommittee and invited attendees to participate in monthly calls with the TRB Asset Management committee. He also invited attendees to visit the AASHTO TAM Portal at <https://www.tam-portal.com>
      - Recent milestones include:
        - Approval of the 3<sup>rd</sup> edition of the TAM Guide, which can be accessed at <https://www.tamguide.com>
        - The recent completion of NCHRP Report 921: *Case Studies in Cross-Asset, Multi-objective Resource Allocation* and the MODAT tool for trade-off analysis (<https://multiobjective.org>)
        - NCHRP Synthesis 556: *Asset Management Approaches to Identifying and Evaluating Assets Damaged Due to Emergency Events*

- NCHRP Report 898: *Guide for Financial Planning and Management in Support of Transportation Asset Management*
  - Upcoming events
    - Summary 2020 virtual Mega-Meeting (July 13-15)
    - TRB 13<sup>th</sup> National TAM Conference – Boston MA – August 2021
    - Bi-monthly TAM Webinar Series – 3<sup>rd</sup> Wednesday of each (even-numbered) month
- Organizational Management – Deanna Belden and Charlie Purcell provided an update from the OM subcommittee.
  - The subcommittee is partnering with TRB AJE15 on activities.
  - Deanna and Charlie shared the subcommittee’s charter mission and goals. They provided an update on their work plan activities related to process improvement, non-system performance measures and support for the Agency Capability-Building (ACB) Portal.
- Risk Management Jean Wallace and Nathan Lee provided an update from the risk management subcommittee.
  - Meetings are on the 2<sup>nd</sup> Monday of even-numbered months at 1 PM Eastern.
  - The subcommittee recently launched two new research projects:
    - NCHRP 20-123(04) *Strategic Planning Session and Development of a Risk-Management Research Roadmap*
    - NCHRP 23-09 *Scoping Study to Develop the Basis for a Highway Standard to Conduct an All Hazards Risk and Resilience Analysis*
  - One research problem statement was selected for FY2021 funding:
    - *Prioritization of Risks Related to Connected and Automated Vehicles and Emerging Technologies*
  - The subcommittee has one ongoing project:
    - *NCHRP 20-44 Implementation of the AASHTO Guide for Enterprise Risk Management*
  - A summer meeting is planned during the CPBM business meeting in August.
- System Mobility and Emerging Technology – Daniela Bremmer and Jay Styles provided an update on the subcommittee.
  - Daniela provided information about the subcommittee’s structure and focus on serving as a forum to share how DOTs are managing system operation and mobility, exploring performance, data, analytical tools, communication, reporting, research and partnerships. The subcommittee is also examining current and emerging system management approaches.
  - Near term action plans include:
    - Seeking members

- Identifying work plan activities
  - Sharing best practices through bi-monthly webinars
  - Contact Daniela or Jay for more information.
- **Coordinating Subcommittee Updates**
  - Policy and Rulemaking – Lynn Zanto and Paul Degges provided an update from the subcommittee.
    - The INVEST Bill is being studied and an analysis of the language will go to the Board of Directors. Issues to be considered:
      - State of Good Repair
      - GHG and carbon pollution
      - Resilience Program
      - Impact of behavioral issues on safety
      - Regressive targets
      - Transportation system and access measures
    - Lynn described the role of the subcommittee to be the conduit on policy related to performance-related elements, a forum for state discussions about performance and target setting and a liaison for policy discussions.
  - Professional Development and Technical Services – John Selmer provided an update on the current focus of the subcommittee to relaunch the CPBM newsletter as the CPBM/TPM Newsletter, in cooperation with the TPM Pooled Fund.
    - John Selmer conducted a poll to obtain input on the newsletter.
      - Attendee preferences for frequency of the newsletter (a quarterly newsletter received the most votes).
      - Topics – (risk was among the most frequent response).
      - Type of relevant content (noteworthy practices had the most #1 votes)
      - Involvement (most common response was brainstorming topics)
  - Research – Tammy Haas provided an update on the activities of the subcommittee.
    - Research
      - Subcommittee meetings are the 2<sup>nd</sup> Friday of every month at 10 AM Eastern.
      - NCHRP FY2021 Synthesis Panel Member nominations are due June 30, 2020. Let Matt know if you are nominated so he is aware when discussing with TRB.
    - FY2021 NCHRP Program Submissions projects selected for FY2021 funding
      - *Guidance on Using Performance-Based Management Approaches for Maintenance*

- *Connecting TAM and TSMO*
    - *Prioritization of Risks Related to Connected and Automated Vehicles and Emerging Technologies*
    - *Future Enhancements and Content for the AASHTO Guide III*
  - NCHRP Synthesis Topics – *Standardization of Terminology for Transportation Risk and Resilience* was the only CPBM synthesis selected
  - FY2021 Domestic Scan proposal *Best Practices for Developing, Implementing and Maintaining an Effective Bridge Management System* was selected/funded. The next steps are to identify panel members and develop a work plan.
- **2020 Summer Meeting.** Because the TAM conference is cancelled this year, there will be a virtual summer meeting coupled with a virtual peer exchange. He shared the concept:
    - Day 1 session will focus on a hot topic (COVID-19). There will be a plenary session, followed by afternoon technical sessions.
    - Day 2 session will be subcommittee meetings with a research focus.
    - Day 3 will round out the subcommittee meetings.
- **Pooled Fund Business.** Christos Xenophonos referred attendees to the notes for updates on recent pooled fund activities:
    - The new bi-monthly TPM Webinar series launched last month. The TPM Pooled Fund, sponsored by AASHTO and FHWA, is offering this series.
    - The first webinar covered TPM best practices and featured presentations from the TPM Peer Exchange last November. Presenters included Karen Miller from Missouri DOT, Ryan Granger from Texas DOT, Deanna Belden from Minnesota DOT, and Kelly Travelbee from Michigan DOT.
    - The July 15, 2020 webinar will address state target setting approaches and lessons learned leading up to the mid-performance period progress report. Topics covered will include target setting in the face of uncertainty and data gaps, coordinating and collaborating on target setting, and improving forecasting approaches. For more information on the webinar series, and to sign up for the July webinar, visit [tpm-portal.com](http://tpm-portal.com) and click “TPM webinar series” under “events” in the main menu.
    - In addition to the new MODA TC3 training course, the pooled fund is updating the existing TAM TC3 course.
    - Watch the latest TPM Now! Video featuring Andrew Gruber from the Wasatch Front Regional Council. In this latest installment of the series, Andrew shares how the area around Salt Lake City is using TPM to support opportunities within this growing region.

- **Training and Information Resource Hub.** Perry Lubin from Spy Pond Partners provided a tour of the new training hub on the TPM Portal.
  - This site includes the best selection of instructor-led training, web-based training and video information available related to TPM communications, data, decision-making, measures and methods in all TPM performance areas. Users can narrow their search to their topics of interest, learn more about specific training sessions, launch videos and register for training from the hub.
  - Access the TPM training and information resource hub on the TPM Portal: <https://www.tpm-portal.com/training-hub/>
  
- **COVID-19 and TPM Video series.** Perry Lubin solicited volunteers for a new TPM Pooled Fund series of short videos on the impact of COVID-19 on agencies.
  - Those interested in being interviewed should email Perry Lubin ([plubin@spypondpartners](mailto:plubin@spypondpartners)) or Lori Richter ([lrichter@spypondpartners](mailto:lrichter@spypondpartners)) from Spy Pond Partners.
  
- **MODA TC3 Training Introduction.** Bill Robert from Spy Pond Partners and Kevin Monaghan from E-Content presented an overview of the new Multi-Objective Decision Analysis (MODA) training, which is sponsored by the TPM Pooled Fund and being deployed soon via AASHTO's TC3 platform.
  - The first lesson defines MODA, explains the relationship between MODA and TPM, describes its benefits and challenges, and how an agency may implement MODA in their investment prioritization process.
  - The second lesson explains the steps in implementing MODA for investment prioritization and describes how agencies have implemented MODA.
  - Access the MODA TC3 training from the TPM training and informational resource hub on the TPM Portal: <https://www.tpm-portal.com/training-hub/> or on the AASHTO TC3 site: <https://tc3.transportation.org>
  
- **Wrap-Up.** CPBM Secretary Karen Miller thanked everyone for attending. She reminded attendees that the next webinar will be held on Thursday, September 3rd at 2:00 PM Eastern Time. The feature presentation for the call will be the TPM Training Roadmap. She invited attendees to register for the next TPM Webinar, on July 15, 2020 at 2 PM EDT. The topic will be a TPM and Target Setting Overview. Please send Matt Hardy any ideas for webinars you'd like to see.
  
- **Action items:**
  - Review TPM Dashboard on FHWA TPM Website; includes all Performance Areas (safety, pavement/ bridge, system performance) along with each state's LRTP, TAMP, Freight Plan - email Susanna Reck, FHWA suggestions.
  - Email Matt Hardy with ideas as well as next steps on what should be done now that Matt has done initial safety analysis on DOTs making significant progress.

- Email Matt Hardy if you are nominated to serve on an NCHRP project and for what role so he can include you on his participant list when working with TRB.
- Anyone interested in being part of a new series of short videos on the impact of COVID-19 on agencies should email Perry Lubin ([plubin@spypondpartners](mailto:plubin@spypondpartners)) or Lori Richter ([lrichter@spypondpartners](mailto:lrichter@spypondpartners)) from Spy Pond Partners.
- Get Involved! Listen in on subcommittee calls and remember you can involve other staff from your agency. They do not need to be a CPBM member.
- Watch for these upcoming virtual meetings – stay tuned for more info:
  - Summer 2020 Mega-Meeting (virtual) – July 13-15 (11 AM-1 PM and 2 PM-4PM EDT)
  - 2020 CPBM Virtual Summer Meeting in August
- Visit the TPM training and information resource hub on the TPM Portal: <https://www.tpm-portal.com/training-hub/>