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TRANSPORTATION PERFORMANCE MANAGEMENT

Sponsored by AASHTO CPBM and the TPM Technical Service Program with support from FHWA



Welcome to the Fall 2023 edition of the Transportation Performance Management (TPM) Newsletter, sponsored by the American Association of State Highway and Transportation Officials (AASHTO) Committee on Performance-Based Management (CPBM) in collaboration with the TPM Technical Service Program.

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Welcome from the AASHTO CPBM Chair

Christos Xenophontos
Assistant Director for
Administrative Services
Rhode Island DOT
Chair, AASHTO CPBM

Greetings, Performance Management Community! As the Chair of the American Association of State Highway and Transportation Officials (AASHTO) Committee on Performance-Based Management (CPBM), I am pleased to introduce the Fall 2023 TPM Newsletter. Please take a few minutes to read the TPM Newsletter focusing on **The Future Transportation Agency**. The articles, resources, and events featured in this edition provide perspectives on potential future frameworks, roles, and strategies for transportation agencies.

This topic is of worldwide importance, as highlighted in the PIARC Accomplishments article. During the recent “TPM Webinar #20: Presentations from the World Road Association (PIARC) Technical Committee (TC) 1.1.: Performance of Transport Administrations,” PIARC’s Technical Committee on the Performance of Transport Administrations presented their progress for the 2020-2023 work cycle. This article highlights the growing interest in performance management beyond asset management, taking into account societal outcomes and community benefits. The TC explored ways transportation agencies adapt to pressure to create public value, improve quality of life, and promote diversity of opportunity. They also investigated agency approaches to enhance transportation workforce opportunities and shape the future of transportation agencies amidst the evolving economy, technologies, and trends. In addition to the article, I invite you to check out an archived video and slides at the [TPM Webinar #20: Presentations from the World Road Association \(PIARC\) Technical Committee 1.1.: Performance of Transportation Agencies](#) event page on the TPM Portal.

The AASHTO update in this edition includes new AASHTO President Craig Thompson’s emphasis areas, including:

- Maximizing Federal Investments Together
- Safer Together
- Building Our Workforce Together

There is also an article covering the AASHTO Board of Directors October 2022 Vision Statement and which defines the six Aspirational Goals they’ve set forth to ensure the transportation system functions in a way that is:

- Safe and secure;
- Accessible and affordable;
- Seamless and reliable;
- Healthy and thriving;
- Clean and sustainable; and
- Agile and resilient.

Research is ongoing to determine future opportunities and actions needed to implement these goals, and this edition explores potential linkages to performance management and performance-based planning and programming. It highlights the recent **2023 AASHTO CPBM Peer Exchange and Business as UN-Usual Annual Meeting**. The plenary session featured Julie Lorenz from 1898 & Co. and John Kaliski from Cambridge Systematics talking about NCHRP Project 20-24(138)A addressing “Collective and Individual Actions to Realize the Next Era of America’s Transportation Infrastructure,” which aims to implement the shared AASHTO vision through contextualized bold “moonshots” that support these goals.

The content featured in the **Fall 2023 TPM Newsletter** includes updates on upcoming events, new resources, and tools of interest to the performance management community. In particular, look for information on upcoming 2024 TRB 103rd Annual Meeting workshops, lectern, and poster sessions of interest to the performance management community.

If you are an AASHTO Transportation Performance Management (TPM) Technical Service Program (TSP) member, thank you for continuing to support capacity-building resources like this periodic newsletter, the recent peer exchange, and our TPM and Transportation Asset Management (TAM) Webinar Series. If your agency has not joined the TSP yet, please get in touch with me or [Anna McLaughlin](#) from AASHTO for more information.

I hope you enjoy the articles in this Fall 2023 TPM Newsletter. I look forward to your feedback on this edition and the topics you would like to see featured in upcoming editions. Feel free to contact me or [Anna McLaughlin](#) with any feedback or suggestions for future articles.

[Christos Xenophontos](#)

Assistant Director for Administrative Services, Rhode Island DOT, Chair, AASHTO CPBM

Critical News: GHG Final Rule

On December 7, 2023, FHWA published its final rule titled “National Performance Management Measures; Assessing Performance of the National Highway System, Greenhouse Gas Emissions Measure.” The rule establishes a new system performance measure for (GHG) emissions on the NHS. As described in the AASHTO article, CPBM’s Policy and Rulemaking Subcommittee has been leading the efforts to provide the needed support to our states to meet the rule requirements.

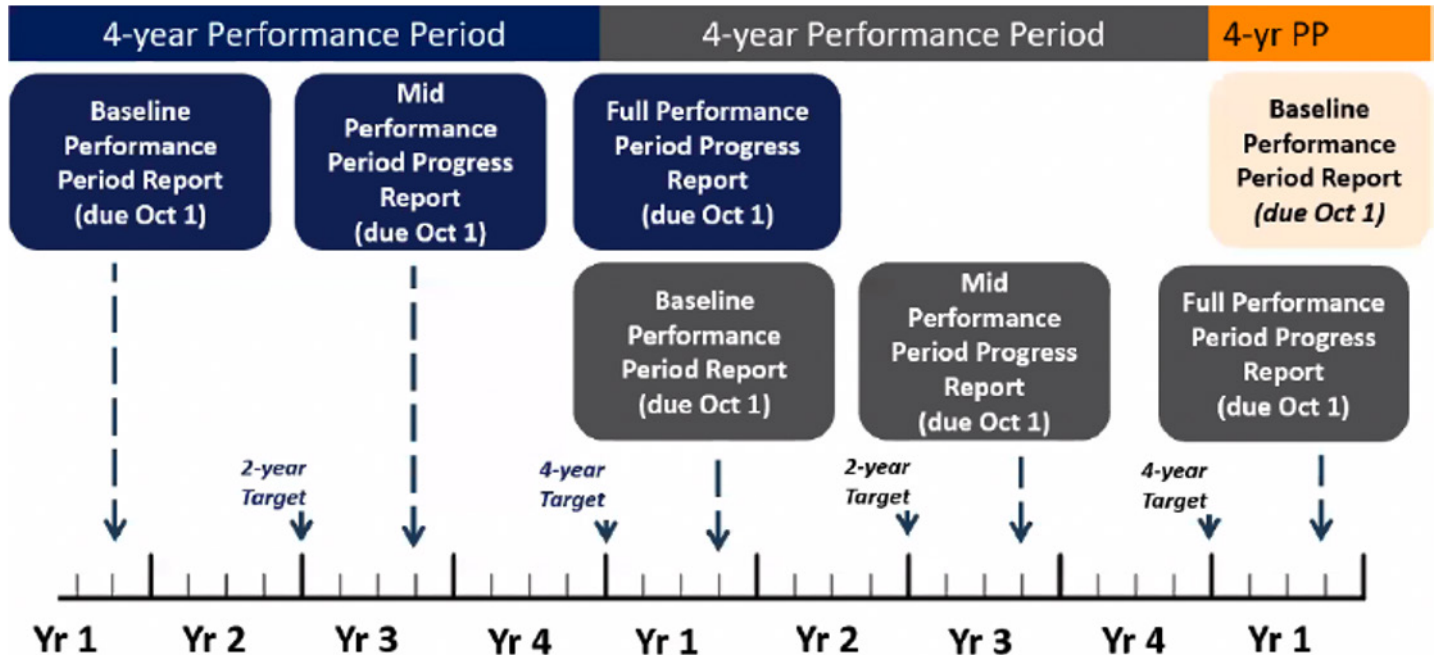
The new performance measure is the percent change in GHG emissions on the NHS between the current calendar year and the reference year, with 2022 as the initial reference year (§490.513(d)). State DOTs and MPOs must set targets for this measure (§490.105(e) & (f)), and the targets must reflect a decline in GHG emissions over time (§490.105). DOTs and MPOs must report the actions that will be taken to achieve their targets (§490.109(f)). However, there is no penalty if a DOT or MPO does not achieve its target or does not make significant progress towards the target.

The new measure is computed based on tailpipe CO₂ emissions on the NHS for a given year and the reference year. This metric is calculated as depicted below using readily available data described in §490.509(f)-(h). This includes fuel consumption data from FHWA’s Fuels and Financial Analysis System—Highways (Fuels & FASH), CO₂ emissions factors by vehicle type to be published by FHWA, and Vehicle Miles Traveled (VMT) on and off the NHS from the Highway Performance Monitoring System (HPMS). MPOs have the flexibility to use other calculation methods for establishing VMT and emissions factors.

$$\begin{array}{ccccccc}
 \text{Car Icon} & = & \text{Fuel Pump Icon} & \times & \text{Flame Icon} & \times & \text{Ship Icon} \\
 \text{Tailpipe CO}_2 & & \text{Fuel} & & \text{CO}_2 \text{ per} & & \text{Proportion of} \\
 \text{Emissions on} & & \text{Consumed} & & \text{Gallon of Fuel} & & \text{VMT on the} \\
 \text{the NHS} & & & & & & \text{NHS}
 \end{array}$$

The figure below depicts the timing of FHWA's performance periods for reporting the new measure and setting targets. There will be a phase-in period for reporting the first period (§490.107(d)). For DOTs the initial targets will be due February 1, 2024. The first mid-performance period progress report is due October 1, 2024, but FHWA will classify progress for this period as "progress not determined." The full performance period progress report for reporting significant progress is due October 1, 2026 (§490.109(e)).

Figure 1. Overview of §490.107(b) Biennial Reporting by State DOTs



Source: USDOT FHWA December 13, 2023, Webinar: Assessing Performance of the National Highway System GHG Emissions Measure

MPOs have their own target-setting requirements (§490.513(d)). They do not need to agree with the state DOT methods but must document their preferred calculation methods (§490.511(d)) if they differ from the DOT. MPOs may adopt state DOT targets or may set their own, and only need to report targets every four years (§490.107(c)). MPOs in urbanized areas with multiple MPOs will establish a single, joint declining four-year target for the urbanized area (UZA) in addition to each MPO's metropolitan planning area (MPA) target (§490.105(f)(10)).

Two years after the effective date of the rule, the required long-range transportation plans (LRTP) and transportation improvement programs (S/TIP) must include the GHG measure (23 CFR 450.225 & 450.340) to meet federal performance-based planning and programming requirements.

The rule is published in the Federal Register at the following URL: <https://www.federalregister.gov/documents/2023/12/07/2023-26019/national-performance-management-measures-assessing-performance-of-the-national-highway-system>

CPBM's Policy and Rulemaking Subcommittee will continue updating the TPM portal with additional information and resources as they become available.

Additional information and resources are available at.

- [AASHTO CPBM Policy and Rulemaking Work Group Homepage](#) (AASHTO CPBM)
- [USDOT Climate Center's GHG Analysis Tools and Resources](#) (USDOT Climate Center Website)
- [Integrating GHG Assessment and Reduction Targets in Transportation Planning](#) (FHWA Center for Accelerating Performance Transportation Assistance Program (TAP) Website)
- [A Performance-Based Approach to Addressing Greenhouse Gas Emissions through Transportation Planning](#) (USDOT 2013)
- [Handbook for Estimating Transportation Greenhouse Gases for Integration into Planning Process](#) (USDOT 2013)
- [Reducing Greenhouse Gas Emissions A Guide for State DOTs](#) (NCHRP 2022)

AASHTO Updates



Craig Thompson
Secretary
Wisconsin Department of
Transportation
AASHTO President

2023-2024 AASHTO PRESIDENTIAL EMPHASIS AREAS

The AASHTO Board of Directors recently elected Craig Thompson, Secretary of the Wisconsin Department of Transportation, as its 2023-2024 president. The board also selected Garrett Eucalitto, commissioner of the Connecticut Department of Transportation, as its 2023-2024 Vice President.

As AASHTO President, Thompson plans to prioritize three major areas of emphasis:

- **Maximizing Federal Investments Together:** As the mid-point of the five-year IJIA approaches, it is imperative that state DOTs work with federal partners to ensure that the promise that the funding measure's promise is fully realized. He believes AASHTO and state DOTs need to demonstrate to all communities that government at all levels can work efficiently to apply these historic investments in a way that will positively impact their lives.
- **Safer Together:** Despite enhanced efforts by state DOTs across the country, too many lives are still being lost on our nation's roadways. Thompson plans to build upon the safety initiatives launched by Immediate Past President Roger Millar to ensure that state DOTs continue to make progress. Thompson believes it is imperative that AASHTO and all partners address this crisis using all means and methods at its disposal, with providing all users with safe multi-modal transportation options the foremost priority.
- **Building Our Workforce Together:** As demographic trends continue to place significant strains on the labor pool across all sectors of the U.S. economy, state DOTs are seeking new ways to attract and maintain robust talent. Thompson will also seek to collaborate with state DOTs to establish effective practices for building a transportation workforce that meets the needs of today and tomorrow.

Safety was also a Presidential Emphasis Area of 2022-2023 AASHTO President Roger Millar. Thompson has stressed the need to keep moving forward on safety. "There are so many things going on in states right now that, if we can create a real-time depository of the things states are doing to improve safety, should be extremely helpful – especially with our legislatures," he said. Thompson pointed out that, since state DOTs are very data-driven entities, a fresh look needs to be taken at the safety messaging states are promoting, to see if they are landing in the right places among the motoring public.



Anna McLaughlin
Program Director
Transportation Program
Management

*American Association of State
Highway and Transportation
Officials*

GREETINGS FROM AASHTO'S NEW CPBM PROGRAM MANAGER

Anna McLaughlin joined AASHTO in August as the new Program Director for Transportation Program Management. Anna is the new AASHTO staff liaison for the Committee on Performance Based Management (CPBM) and is responsible for managing the work with the Committee on Planning and Committee on Data Management and Analytics. In this position Anna provides leadership on AASHTO's policy and technical activities related to transportation performance management, asset management, planning, and data management. Anna has over 20 years of experience working in transportation, particularly in the areas of transportation demand management, micromobility, and active transportation. Prior to joining AASHTO, she managed the Sustainable Transportation Branch at the District Department of Transportation and served as the Assistant Director of Sustainability at the University of Maryland's Department of Transportation.

Anna lives in Washington, DC with her husband, 11-year old daughter, and her pup named Lola. When not helping with homework, Anna enjoys exploring local parks, reading, and always welcomes a podcast recommendation.

Anna is looking forward to working closely with the performance management community across the country. She can be reached at amclaughlin@aaashto.org.

WELCOME NEW AASHTO CPBM LEADERS!

AASHTO CPBM is fully supported by State DOT volunteers who share their time, talents, and expertise with their peers across the country. Congratulations and many thanks to new AASHTO CPBM leaders who have graciously stepped up to offer their leadership to these roles:

- AASHTO CPBM Research Work Group Vice Chair Edgardo Block, Connecticut DOT
- AASHTO CPBM Research Work Group Alma Mujkanovic, Georgia DOT
- AASHTO CPBM Subcommittee on Risk Management Co-Chair William Johnson, Colorado DOT
- AASHTO CPBM Subcommittee on Risk Management Vice Chair Monica Aleman-Smoot, Texas DOT
- AASHTO CPBM Subcommittee on Risk Management Secretary Patrick Cowley, Utah DOT

A complete listing of AASHTO CPBM Subcommittee, Task Force, and Work Group Leaders is included in this newsletter in the section “Get Involved in a CPBM Subcommittee, Work Group, or Task Force.” We appreciate all of the time, talent, and effort you put into these positions.

GHG FINAL RULEMAKING

The Federal Highway Administration released the text of the long-anticipated [Final Rule](#) on greenhouse gas emissions performance measure, entitled “National Performance Management Measures; Assessing Performance of the National Highway System, Greenhouse Gas Emissions Measure.” The Final Rule has been published in the Federal Register, under docket number [FHWA-2021-0004](#).

The Final Rule largely retains what was in FHWA’s Notice of Proposed Rulemaking released on July 15, 2022, which requires state DOTs and MPOs to establish declining carbon dioxide targets for the GHG measure on the National Highway System and report on progress toward the achievement of those targets. The Final Rule calls for the GHG measure to be the percent change in on-road tailpipe CO₂ emissions on the NHS, relative to the reference year of 2022 (with data available as of November 30, 2023) instead of 2021—a recommendation made by AASHTO last year. State DOTs must establish targets no later than February 1, 2024; MPOs are required to establish targets no later than 180 days after the state DOT.

On October 13, 2022, AASHTO submitted [comments](#) to FHWA regarding the then-proposed GHG rule. This letter noted that AASHTO and the state DOTs recognize the urgency and need to address and mitigate climate change given its harmful impacts to both the natural and built environment—and thus strongly support the overall goal and intent of reducing greenhouse gas emissions. These comments also acknowledged that “some of our state DOT members are very supportive of the language and/or the intent of the NPRM and they encourage FHWA to move forward with finalizing the NPRM as proposed. That being said, some of our members are opposed to the NPRM for many different and specific reasons—beyond the broad intent to address climate change—and recommend FHWA to not implement the NPRM, or at the least make substantial changes.”

CPBM will continue to partner with FHWA to provide guidance and assistance to State DOTs in reporting this new performance measure.

NCHRP 23-32 TRANSPORTATION ASSET RISK AND RESILIENCE UPDATE

The Committee on Transportation System Security and Resilience (CTSSR) and CPBM have created a Joint Task Force to support the development, implementation, and maintenance of the AASHTO Transportation Asset Risk & Resilience Manual. The National Cooperative Highway Research Program (NCHRP) is developing the Risk and Resilience Manual through project 23-32.

The Task Force will support the development of the manual as it progresses through the NCHRP research development process, focus on broad implementation of the manual once completed, and support the overall maintenance of the manual, tools, and data sets once the research is complete.

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Highlights from the AASHTO CPBM 2023 Peer Exchange and Business as UN-Usual Annual Meeting

The AASHTO CPBM Peer Exchange and Business as UN-Usual Annual Meeting took place from Monday, September 11 through Wednesday, September 13, 2023, at the Colorado DOT. The event was co-sponsored by AASHTO and FHWA. A curated set of resources from the event is available on the [TPM Portal event page](#). [TPM Webinar #19](#) reviewed highlights from the meeting. This article summarizes the proceedings of the event.

The purpose of the peer exchange was to advance performance management practices at DOTs by discussing TPM ingredients, sharing implementation experiences, resources, and prioritizing future initiatives. During the peer exchange, participants shared the key elements of performance management, including noteworthy practices. They also learned about the resources and tools available for federal TPM reporting. Attendees discussed the components of good performance management and developed a vision for its future. Finally, they prioritized the initiatives that FHWA, AASHTO, and TRB may undertake to continue advancing the practice.

The peer exchange began with participant presentations on “Elements of Good Performance Management.” It focused on the complex activities involving people, processes, tools, and financial resources involved in good transportation agency performance management. Speakers talked about the most essential elements for advancing performance management.

This was followed by a session on “Coordinating Across Stakeholders.” This session generated approaches and strategies to collaborate effectively, including:

- Stakeholder engagement, coordination, and communication
- Big picture, thinking and integrating understanding and responses
- Data analytics, scenarios, and data sharing.

The next session focused on Biennial Federal Performance Management Form (PMF) Reporting after several cycles of federal TPM reporting. As part of the session, FHWA provided information about the basics of Federal reporting and covered what has been learned so far and how they are using the information. State DOTs provided their feedback on ways to improve the process, including:

- Making improvements to the language and checkboxes in the forms
- Aligning significant progress letter timelines across measurement areas
- Improving communication with State DOTs so they understand how to use FHWA systems and to facilitate State DOT internal discussions about the results

On the second day of the peer exchange, the session started with a discussion on “Aligning Performance Management & Asset Management.” The focus was on agency insights related to stakeholder engagement, coordination, and communication. The discussion also covered the importance of a big-picture approach to understanding and responding to challenges and the utilization of data analytics, scenarios, and data sharing. The event summary captures the insights and challenges discussed during the session.

Next, participants worked in pairs to capture their “Performance Management Vision for the Future.” During the final session, the participants discussed ways to improve practice in a transportation agency. They worked in groups to develop ideas and presented them to the rest of the participants. The top five priority items:

1. Create standards for evaluating performance after project completion.
2. Improved federal requirements - work collaboratively with DOTs and Feds to make new requirements together.
3. Identify data gaps and make new data collection processes to close these gaps.
4. Get different perspectives from FHWA more guidance via listening sessions with states. Effectively improve regulation updates

Figure 2. Peer Exchange event page

2023 AASHTO CPBM Peer Exchange (By Invitation Only)
This event occurred on 2023-09-11.

Download the Peer Exchange Summary Report:
This report summarizes the 2023 American Association of State Highway and Transportation Officials (AASHTO) Committee on Performance-Based Management (CPBM) Peer Exchange sponsored by AASHTO and Federal Highway Administration (FHWA) with support from the AASHTO Technical Service Program (TSP). The peer exchange was held in Denver, Colorado on September 11-12, 2023 and focused on how transportation agencies are improving performance management in light of federal requirements and advancing performance management practice. The peer exchange provided participants an opportunity to share lessons learned about Federal PMF reporting, performance management coordination, and alignment of performance management with other agency activities and shared the experience of recent Federal Transportation Performance Management (TPM) and Performance-Based Planning (PBPP) implementation. Participants discussed the ingredients for implementing and sustaining performance management. The peer exchange resulted in enhanced knowledge of resources available, documentation of successful practices to support performance management, and a list of future capacity-building needs.

Peer Exchange Purpose:

- Advance the state of the performance management practice, including sharing lessons learned about Federal PMF Reporting, internally coordinating for performance management, and aligning performance management and asset management
- Discuss the ingredients for implementing and sustaining good TPM practices
- Gain knowledge of the resources that are available to support TPM monitoring, advancing, and building capacity related to consistency determination
- Share the experience of recent TPM implementation, including the best examples of how agencies are advancing national goals and agency targets through performance-based planning and programming
- Discuss what the next generation of performance management will look like at state DOTs and MPOs and prioritize future initiatives for FHWA, AASHTO, and TRB

Event Details:

- DATE:** 2023-Sep-11
- TIME:** All Day
- LOCATION:** Colorado DOT Auditorium
3829 Howard Pl, Denver, Colorado
- CATEGORY:** Peer Exchange

Source: TPM Portal

to improve state flexibility and reduce the paperwork that goes along with performance-based management.

5. Develop a peer exchange, workshop, roundtable, or conference to discuss measures of livability, quality of life, welfare, and well-being.

A complete list of recommendations is available on the TPM Portal event page for the [2023 Peer Exchange and Business as UN-Usual Annual Meeting](#). The peer exchange ended with lessons learned and a vision for the future. These ideas will be a top priority for CPBM leadership and will be incorporated into Committee and Subcommittee priorities, TSP activities, research statements, and future events.

The plenary session, "Collective and Individual Actions to Envision and Realize the Next Era of America's Transportation Infrastructure," was presented by Julie Lorenz from 1898 & Co. and John Kaliski from Cambridge Systematics. The session focused on NCHRP 20-24(138)A, which outlines the trends and uncertainties that transportation agencies face, including demographics, trade and logistics, regions and megaregions, technology, risk, and resilience. For those interested, a copy of the keynote is available on the TPM Portal event page for the [2023 Peer Exchange and Business as UN-Usual Annual Meeting](#).

During the keynote, Julie presented AASHTO's vision for community-centered transportation, prioritizing connecting communities, moving people and goods, and meeting customer needs through collaborative partnerships with other public/private organizations. Julie and John discussed the potential outcomes of taking bold action, known as "Moonshots," on community-centered objectives, including promoting safe and secure communities that are accessible and affordable, seamless and reliable, healthy and thriving, clean and sustainable, and agile and resilient.

Collaborative approaches were emphasized as an effective way to solve complex transportation problems. The speakers emphasized the importance of deep collaboration, which involves identifying problems from various viewpoints, choosing appropriate tools such as cooperation, collaboration, and negotiation, and ensuring that the team comprises individuals with different knowledge bases and perspectives.

To conclude the session, the speakers discussed what's next for the research effort and opened the floor to audience Q&A.

Several action items came out of the CPBM business meeting.

- AASHTO will collect webinar analytics to share with CPBM Leadership.
- AASHTO will provide a status update on the new comment submission template.
- CPBM needs a Vice Chair for the Joint Subcommittee on System Mobility and Emerging Technology (SMET). If interested, please email Daniela Bremmer at BremmeD@wsdot.wa.gov.
- CPBM and AASHTO will plan future conferences and annual meetings. The planning process for a 2024 Annual CPBM meeting with Data Management, hosted by Connecticut DOT, will begin. Approval for a 2025 AASHTO conference will also be sought, with the idea of having a scaled-back version every other year.
- CPBM will request a 2026 TRB TAM Conference.
- CPBM Leadership will consider conducting an annual survey to gather information on members' needs, resources, and challenges.

The meeting produced several deliverables. The resources are now available on the AASHTO Committee on Performance-Based Management's TPM Portal event page for the [2023 Peer Exchange and Business as UN-Usual Annual Meeting](#).

- [CPBM Annual Meeting Agenda](#)
- [Peer Exchange](#)
- [Plenary Session](#)

Figure 3. Annual Meeting event page

AASHTO Committee on Performance-Based Management 2023 Annual Meeting

This event occurred on 2023-09-13.

The AASHTO CPBM Peer Exchange and Business as UN-Usual Annual Meeting took place from Monday, September 11 through Wednesday, September 13, 2023 at the Colorado DOT. Materials from the event are now available. Find materials from sessions in agenda listed below:

Committee on Performance-Based Management Annual Meeting – Denver, Colorado		
Monday, September 11	Tuesday, September 12	Wednesday, September 13
8:00 am - 9:00 am Plenary Session 9:00 am - 10:00 am Plenary Session 10:00 am - 11:00 am Plenary Session 11:00 am - 12:00 pm Plenary Session 12:00 pm - 1:00 pm Plenary Session 1:00 pm - 2:00 pm Plenary Session 2:00 pm - 3:00 pm Plenary Session 3:00 pm - 4:00 pm Plenary Session 4:00 pm - 5:00 pm Plenary Session 5:00 pm - 6:00 pm Plenary Session 6:00 pm - 7:00 pm Plenary Session 7:00 pm - 8:00 pm Plenary Session 8:00 pm - 9:00 pm Plenary Session 9:00 pm - 10:00 pm Plenary Session 10:00 pm - 11:00 pm Plenary Session 11:00 pm - 12:00 am Plenary Session 12:00 am - 1:00 am Plenary Session 1:00 am - 2:00 am Plenary Session 2:00 am - 3:00 am Plenary Session 3:00 am - 4:00 am Plenary Session 4:00 am - 5:00 am Plenary Session 5:00 am - 6:00 am Plenary Session 6:00 am - 7:00 am Plenary Session 7:00 am - 8:00 am Plenary Session 8:00 am - 9:00 am Plenary Session 9:00 am - 10:00 am Plenary Session 10:00 am - 11:00 am Plenary Session 11:00 am - 12:00 pm Plenary Session 12:00 pm - 1:00 pm Plenary Session 1:00 pm - 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- OM Subcommittee Meeting:
 - [Survey](#)
 - [Survey Results](#)
 - [Implementing the ACB Framework](#)
 - [ACB Portal Overview Flyer](#)
 - [ACB Community of Practice Flyer](#)
- SMET Subcommittee Meeting:
 - [SMET Presentation](#)
- Policing and Rulemaking Work Group Meeting:
 - [Policy and Rulemaking Breakout](#)
- [Risk Management Subcommittee Meeting](#)
 - no links provided
- Emerging Performance Areas Task Force Meeting:
 - [Emerging Performance Areas Breakout](#)
- Research Subcommittee Meeting:
 - [Research Pipeline Assessment](#)
- Full CPBM Business Meeting:
 - [Business Meeting Notes](#)
 - [Business Meeting Presentation](#)

AASHTO Vision & Aspirational Goals

With the goals and objectives of the interstate system largely realized, the AASHTO 2021-2026 Strategic Plan, developed collaboratively with state DOTs, AASHTO, and other transportation stakeholders, set forth a new vision for the organization of “providing improved quality of life through leadership in transportation,” including the following goals:

- Safety, mobility and access for everyone,
- National transportation policy leadership, and
- Organizational excellence with world class services.

NCHRP Project 20-24(138) subsequently conducted research to contextualize and articulate this vision. AASHTO Resolution PR 1-22, approved by the AASHTO Board of Directors on October 23, 2022, establishes six aspirational, community-centered transportation goals to ensure a future vision that is safe and secure, accessible and affordable, seamless and reliable, healthy and thriving, clean and sustainable, and agile and resilient. Phase 2 of this project, NCHRP Project 20-24(138)A, aims to implement the shared AASHTO vision through bold “moonshots” that support these goals.



As described in this publication, AASHTO’s new President Craig Thompson plans to prioritize three major areas of emphasis:

- Maximizing Federal Investments Together
- Safer Together
- Building Our Workforce Together

The realization of this shared vision, Thompson’s emphasis areas, and performance management are still under development. National research is underway to develop proofs of concept to understand what it means to make progress toward this transportation future.

As state DOTs begin to carry out this vision of community-centered transportation, the way they do business will continue to evolve. This evolution will necessitate a transformational change in the way transportation agencies measure progress toward the shared national goals that goes beyond physical assets.

As the committee focused on ensuring accountability and effectiveness toward goals and targets, AASHTO CPBM will play a critical role in carrying out this vision and developing new approaches to drive improved organizational performance. Others will be looking to CPBM for:

- Expertise and resources to support their data-driven management practices and decision making in light of the future need for enhanced community partnerships.
- Leadership in developing policy guidance and recommendations to address evolving roles and responsibilities.
- Assistance in new ways to communicate progress toward a shared vision.
- Support in building transportation agency capabilities to address new challenges that extend beyond traditional organizational structures.

Within this context, stay tuned for more information as CPBM and its subcommittees, work groups, and task force develop our annual strategic action plans.

Recent Accomplishments of The World Road Association (PIARC) Technical Committee 1.1 – Performance of Transportation Administrations



Christos Xenophonos
*Assistant Director for
Administrative Services
Rhode Island DOT
Chair, AASHTO CPBM*



Deanna Belden
*Minnesota Department of
Transportation
Co-Chair, Task Force on
Emerging Performance Areas*

BACKGROUND

The World Road Association, also known as PIARC, was founded in 1909 with the aim of sharing knowledge and techniques on roads and road transportation. Today, with over 120 member countries across the globe, PIARC continues to foster and facilitate global discussions and knowledge-sharing on roads and road transport. Its headquarters are in Paris, where it all began.

PIARC's Technical Committees (TCs) comprise subject matter experts from all over the world, including representatives of the United States. AASHTO, FHWA, and TRB, have an on-going partnership with PIARC which they look to continue strengthening. This international collaboration provides agencies with a platform to discover and share innovative ways to design, build, operate, and maintain transportation infrastructure projects. Members of the AASHTO CPBM serve on several of PIARC's Technical Committees, including TC 1.1 "Performance of Transport Administrations," TC 1.2. "Planning Road Infrastructure and Transport to Economic and Social Development," TC 2.2. "Accessibility and Mobility in Rural Areas," and TC 3.3 "Asset Management."

The 27th World Road Congress recently met in Prague, Czech Republic October 2-6, 2023. This article highlights the recent work of TC 1.1 "Performance of Transport Administrations" as reported during the Congress. For a summary of the highlights, please see the November 29, 2023 "[TPM Webinar 20: Presentations from the PIARC's \(World Road Association\) Technical Committee 1.1: Performance of Transport Administrations](#)" linked from the event page on the TPM Portal.

Transport administrations need to continually adapt to social, economic, and environmental changes. Those responsible for road planning and administration must keep up with complex factors such as evolving demographics, rapid urbanization, technological advancements, changing environmental conditions, and evolving customer expectations. PIARC's TC 1.1 has focused on three main issues for the 2019-2023 cycle:

- How road and transport administrations can measure the efficiency and effectiveness of customer experience and public value creation
- The role of transport agencies in shaping disruptive technology and service models
- Organization of staff and human resources

The TC has three Working Groups, each focusing on one of these main issues. This article provides an overview of each Working Group's accomplishments.

SUMMARY OF PIARC TC 1.1 2019 - 2023 ACCOMPLISHMENTS REPORTED IN PRAGUE, CZECH REPUBLIC

Working Group 1

Over the 2019-2023 cycle, Working Group 1 (WG1) focused on measuring the efficiency and effectiveness of customer experience and public value creation in road and transport administrations. Following is a summary of WG1's recent accomplishments as reported at the 27th World Road Congress on October 2-6, 2023.

Alan Colegate, Executive Director Strategy and Communications, Main Roads Western Australia, defined customer experience as the sum of all interactions in the journey between a customer and an organization in the delivery of a service. Colegate highlighted research findings that indicate there are six elements of the customer experience: Culture, Leadership, Process, Insights, Value, and Improvement.

Ilaria Coppa, Director of Technical Management, ANAS S.p.A. in Italy, discussed trends in customer experience. A case study identified how customers want to feel:

- In control of their journeys
- Stress-free on journeys
- To be listened to
- Trust what they are being told
- Feeling safe on the network

One of the findings was that tolling organizations are more likely to survey customers.

Deanna Belden, Director of Performance, Risk and Investment Analysis at the Minnesota Department of Transportation, USA, presented on public value creation. The public sector faces challenges that are different from the private sector. Belden presented a potential public value model for a transport agency that can help to document what an agency is trying to achieve and report on measures to track progress. It is recommended that transport agencies increase their focus to encompass integrated thinking which is about creating and protecting value.

Michael Platzer, Deputy Head of Regional Roads Planning, Public Administration of Lower Austria, discussed a case study about the estimation of public added value on the provincial road sector. The methodology used was Extended Impact Analysis (eIA). Fairness, equality, and conformity should be included in public value estimation of transport infrastructure and fulfillment of key objectives should be checked regularly.

Paul Hill, Head of Customer Service Development, National Highways, UK, presented an evidence-based approach to improving customer experience. They drew on a range of customer insights for their approach which focused on:

- Improving journey times
- Better end-to-end experience
- Providing better information
- A well maintained and safe network
- Developing better relationships
- Empowering people

Hill emphasized that public trust is at the heart of being a customer-centric and outward looking organization and that measuring customer service over time is important.

For more information see these PIARC publications:

[Customer Experience -- A PIARC Case Study Analysis](#) (report 2022R26EN)

[Customer Experience and Public Value Creation – Technical Report](#) (report 2023R06EN)

Working Group 2

Over the 2019-2023 cycle, Working Group 2 (WG2) examined the role of transport agencies in shaping disruptive technologies and service models. Following is a summary of WG2's recent accomplishments as reported at the 27th World Road Congress on October 2-6, 2023.

Anne-Séverine Poupeleer, Flanders Agency for Roads and Traffic (Belgium), presented an overview, methods, and outputs. A survey identified the following as top high impact technologies: Electric vehicles/alternative fuels, connected & autonomous vehicles, and remote working technologies. The survey also found that almost half of organizations have appointed a person with responsibility for technologies and service models, or plan to do so. Detailed case studies were reviewed, and some of the observations are:

- Agencies need to maintain a strong learning mindset
- Partnerships, governance, and standards are critical
- Communication (and a strong business case) is a key ingredient to sustainable innovation
- Organizations need to change to enable innovation



- Agencies must prepare for a future where mobility is flexible, demand-responsive, tech-enabled, and environmentally friendly

Jonathan Spear, Transport Policy and Strategy Advisor, AtkinsRéalis, presented potential future roles for transport agencies. He shared a future mobility maturity model along with information on developing benchmarks for the model. Spear advised that public entities will often not deliver directly because the private sector will lead in many aspects. Highlighted recommendations for transport agencies included:

- Preparing for (rather than reacting to) disruption
- Using self-assessment regarding roles, activities, and maturity model
- Creating an innovative organization
- Prioritizing stakeholder mapping and engagement
- Regulating (proportionately) the private sector
- Investigating the implications for public infrastructure
- Agreeing on protocols for data governance
- Imagining the Transport Agency of the Future

For more information see these PIARC publications:

[The Role of Transport Agencies in Shaping Disruptive Technologies and Service Models -- Survey Report](#) (report 2022R18EN)

[The Role of Transport Agencies in Shaping Disruptive Technologies and Service Models – A Private Sector Roundtable](#) (report 2022R19EN)

[The Role of Transport Agencies in Shaping Disruptive Technologies and Service Models -- Case Study Summary Report](#) (report 2022R27EN)

[The Role of Transport Agencies in Shaping Disruptive Technologies and Service Models -- Technical Report](#) (report 2023R01EN)

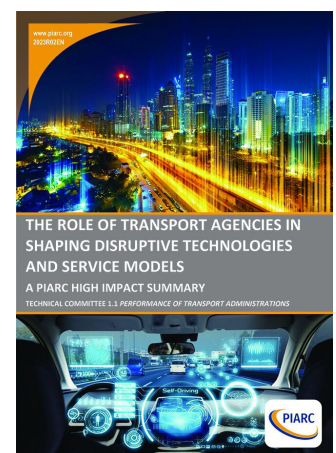
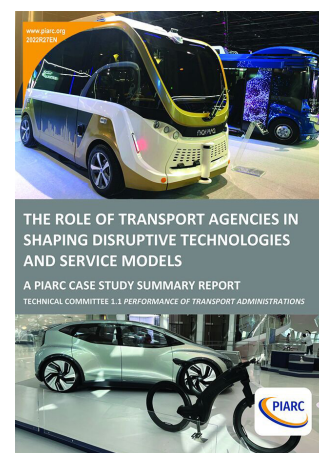
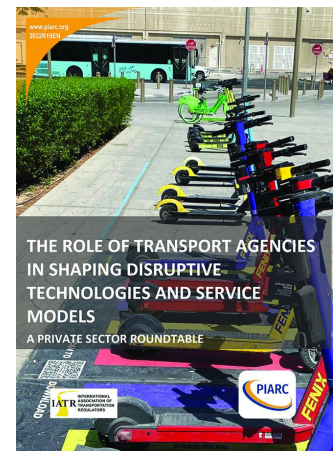
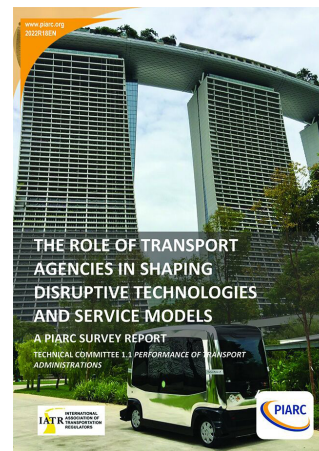
[The Role of Transport Agencies in Shaping Disruptive Technologies and Service Models – High Impact Summary](#) (report 2023R02EN)

Working Group 3

Over the 2019-2023 cycle, Working Group 3 (WG3) organized virtual discussions to explore methods worldwide transportation agencies use to promote diversity, equity, and attract new employees. Following is a summary of WG3's recent accomplishments as reported at the 27th World Road Congress on October 2-6, 2023.

Anna Wildt-Persson (Swedish Transport Administration), **Sisanda Dyubhele** (Sanral South Africa), **Marit Due** (Norwegian Road Administration), **Karen Bobo** (U.S. Department of Transportation), and **Alex Walcher** (ASFINAG Austria), and **José Manuel Blanco Segarra** (Directorate General of Roads, Spain) provided examples of how to promote diversity and talent. The strongest motives according to transport administrators are increased overall performance and innovation, customer orientation and value perception and representation. Diversity management focuses on strategies to recruit, retain, and develop individuals from a variety of different backgrounds and facilitate good relationships among them. Talent management is the systematic attraction, identification, development, engagement, retention, and deployment of talents. Many of the strategies are the same in diversity and talent management.

Diversity dimensions analyzed were age, disability, gender, ethnicity, indigenous people, language, and sexual orientation. Talent management should emphasize developing a culture of continuous learning. Diversity management goals should be linked to Key Performance Indicators (KPIs). Although it is difficult to predict what skills and competencies will be required in the future, working environments will be more interdisciplinary.



For more information see these PIARC publications:

[Diversity and Talent Management in Transport Administrations – The Road to Success?](#) (report 2022R01EN)
[It's All About People – Defining and Promoting Diversity and New Talent Management -- Technical Report](#) (report 2023R12EN)

WHAT'S NEXT FOR PIARC

PIARC's Technical Committee 1.1 will next be addressing a strategic framework for the transport agency of the future. People and society are at the center of the framework. Concepts surrounding customers, staff, stakeholders and users include equity, inclusivity, mobility, public value, resiliency, and sustainability. Another area of emphasis is public value creation by transport agencies. As agencies redefine their strategic frameworks there is a need to better represent a focus on more holistic societal expectations.

Building on the work of TC 1.1, in the current cycle, the TC will also look at the issue of strengthening the workforce through modernizing skills, enhancing diversity, equity, and inclusion and further develop it under the umbrella topic of the Transport Agency of the Future. The North Star guiding the future of transport agencies encompasses inputs, guiding principles and outcomes.

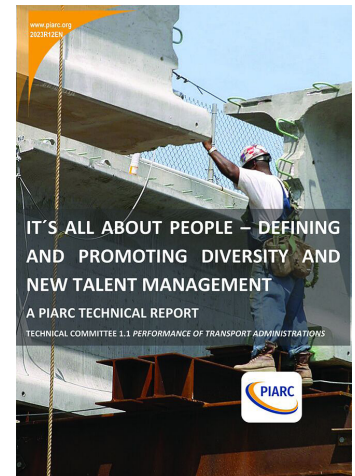
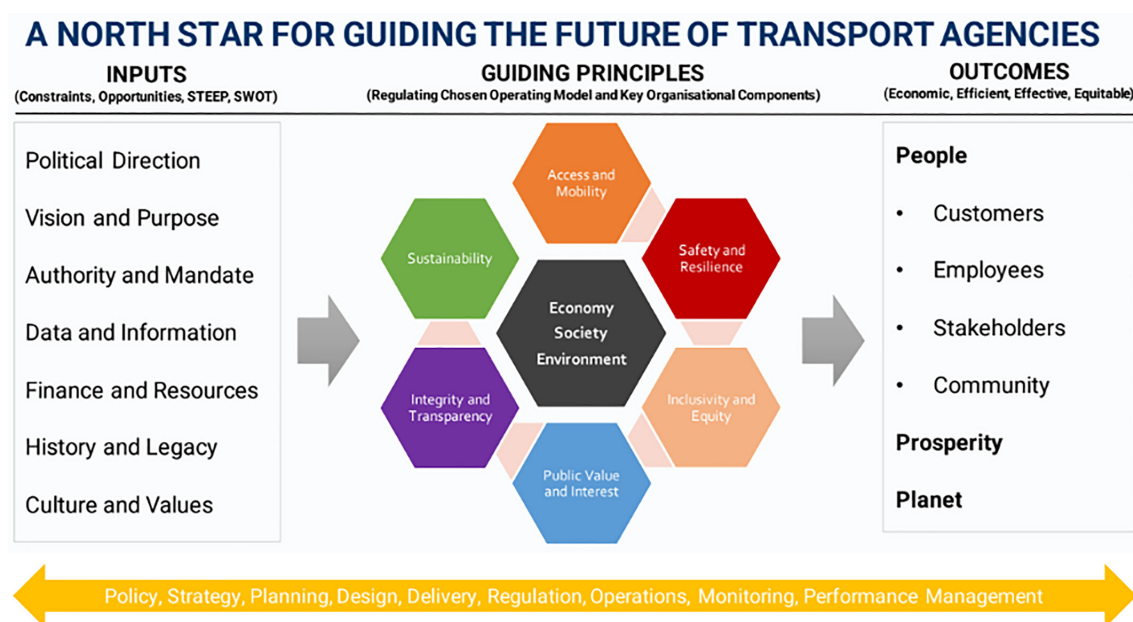


Figure 3. A North Star for Guiding the Future of Transport Agencies.



Source: PIARC, 2023

For more information on the work of TC 1.1, please contact either [Christos Xenophontos](#) or [Deanna Belden](#). You can find additional information, including publications from previous cycles, at <https://www.piarc.org/en/>.

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Deanna Belden
 Director of Performance, Risk and Investment Analysis, Minnesota DOT, Co-Chair, Task Force on Emerging Performance Areas

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TRB 2024
Annual Meeting
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Join us for the 2024 TRB Annual Meeting!

We look forward to seeing you in Washington, DC, for the 103rd Transportation Research Board (TRB) Annual Meeting, January 7–11, 2024. [Registration](#) and [Housing](#) are now open.

TRB's Annual Meeting attracts thousands of transportation professionals from around the world. The program covers all transportation modes, with sessions and workshops addressing topics of interest to policy makers, administrators, practitioners, researchers, and representatives of government, industry, and academic institutions.

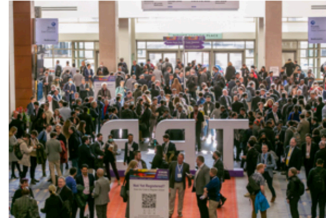
Registration Now Open!

The full 2024 program, including details on all sessions and workshops, is **available now**. Workshops take place on the first and last day of the meeting.

Become an Exhibitor: Don't miss this opportunity to get your organization's brand in front of leading industry decision makers. Exhibiting at the Annual Meeting is an excellent way for organizations in the transportation sector to showcase their products and services, connect with potential clients and partners, and stay up to date on the latest trends and research in the industry. [Reserve your exhibit booth today!](#)

Support TRB by becoming an Annual Meeting Patron. TRB is a leading organization in transportation research and provides valuable resources and expertise to transportation professionals and policymakers worldwide. **By becoming a Patron**, your organization will be supporting transportation research, policy, and practice; all of which help advance the transportation industry and promote sustainable, efficient, and safe transportation solutions.

More detailed information will be added to this website in the coming months. Please continue to check back to get the latest updates.



WORKSHOPS

Designing the Transportation Agency of the Future, Sunday, January 07, 2024, 1:30 PM- 4:30 PM ET, Convention Center, 152B, Washington, DC, sponsored by Standing Committee on Strategic Management (AJE10), International Coordinating Council (A0020C), Standing Committee on Transportation Asset Management (AJE30), Standing Committee on Public Engagement and Communications (AJE40), Standing Committee on Information and Knowledge Management (AJE45), and Standing Committee on Data for Decision Making (AJE70)

Measuring What Matters: Emerging Transportation Performance Measures, Thursday, January 11, 2024, 9:00 AM- 12:00 PM ET, Convention Center, 147B, Washington, DC, sponsored by Standing Committee on Performance Management (AJE20), Standing Committee on Transportation Asset Management (AJE30), Standing Committee on Research Innovation Implementation Management (AJE35).

The Future of the Transportation Workforce Development Life Cycle, Thursday, January 11, 2024, 9:00 AM- 12:00 PM ET, Convention Center, 147A, sponsored by Standing Committee on Workforce Development and Organizational Excellence (AJE15), Standing Committee on Research Innovation Implementation Management (AJE35), Standing Committee on Information and Knowledge Management (AJE45), Rural Transportation Issues Coordinating Council (A0040C), and International Coordinating Council (A0020C).

LECTERN SESSIONS

How Well (or Not) Are We Doing?: Effective Performance Evaluation Practices, Monday, January 08, 2024, 8:00 AM- 9:45 AM ET, Convention Center, 152A, Washington, DC, sponsored by the Standing Committee on Performance Management (AJE20).

Shaping the Agency of the Future: Adapting with Workforce, Technology, and Funding Challenges, Monday, January 08, 2024, 10:15 AM- 12:00 PM ET, Convention Center, 152A, Washington, DC, sponsored by the Standing Committee on Strategic Management (AJE10).

Exploring Strategic Workforce Development Partnerships, Monday, January 08, 2024, 1:30 PM- 3:15 PM ET, sponsored by Standing Committee on Workforce Development and Organizational Excellence (AJE15), Subcommittee on Organizational Management (AJE15(1)), Standing Committee on Research Innovation Implementation Management (AJE35), Standing Committee on Information and Knowledge Management (AJE45), International Coordinating Council (A0020C), and Rural Transportation Issues Coordinating Council (A0040C).

Why Risk Matters: A Fireside Chat with State Department of Transportation Leaders, Monday, January 08, 2024, 3:45 PM- 5:30 PM ET, Convention Center, 152A, Washington, DC, sponsored by Executive Management Issues Section (AJE00 and associated Standing Committees).

Workforce Development: Challenges and Solutions, Tuesday, January 09, 2024, 8:00 AM- 9:45 AM ET, Convention Center, 151B, Washington, DC, sponsored by the Standing Committee on Workforce Development and Organizational Excellence (AJE15), International Coordinating Council (A0020C), Rural Transportation Issues Coordinating Council (A0040C), Subcommittee on Organizational Management (AJE15(1)), Standing Committee on Research Innovation Implementation Management (AJE35), and Standing Committee on Information and Knowledge Management (AJE45).

Asset Management of Ancillary Assets, Tuesday, January 09, 2024, 8:00 AM- 9:45 AM ET, Convention Center, 152A, Washington, DC, sponsored by the Standing Committee on Transportation Asset Management (AJE30).

The Evolution of Performance Measurement: Are We Measuring Better?, Tuesday, January 09, 2024, 10:15 AM- 12:00 PM ET, Convention Center, 151B, Washington, DC, sponsored by the Standing Committee on Performance Management (AJE20).

Nontraditional Pathways to Leadership, Tuesday, January 09, 2024, 1:30 PM- 3:15 PM ET, Convention Center, 151B, sponsored by Standing Committee on Strategic Management (AJE10).

Transportation Asset Data Technology Systems, Tuesday, January 09, 2024, 3:45 PM- 5:30 PM ET, Convention Center, 152A, sponsored by the Standing Committee on Transportation Asset Management (AJE30).

POSTER SESSIONS

Resiliency in the Age of Disruption, Tuesday, January 09, 2024, 8:00 AM- 9:45 AM ET, Convention Center, Hall A, Washington, DC, sponsored by the Standing Committee on Strategic Management (AJE10).

Workforce Development and Organizational Excellence, Tuesday, January 09, 2024, 10:15 AM- 12:00 PM ET, Convention Center, Hall A, Washington, DC, sponsored by Standing Committee on Workforce Development and Organizational Excellence (AJE15), International Coordinating Council (A0020C), Rural Transportation Issues Coordinating Council (A0040C), Subcommittee on Organizational Management (AJE15(1)), Standing Committee on Research Innovation Implementation Management (AJE35), and Standing Committee on Information and Knowledge Management (AJE45).

Transportation Performance Management, Tuesday, January 09, 2024, 3:45 PM- 5:30 PM ET, Convention Center, Hall A, Washington, DC, sponsored by the Standing Committee on Performance Management (AJE20).

Tackling Asset Management Emerging Trends to Engage, Enrich, and Empower Practitioners, Wednesday, January 10, 2024, 10:15 AM- 12:00 PM ET, Convention Center, Hall A, Washington, DC, sponsored by the Standing Committee on Transportation Asset Management (AJE30).

STANDING COMMITTEE MEETINGS

Workforce Development & Organizational Excellence Committee Meeting (AJE15), Monday, January 08, 2024, 8:00 AM- 12:00 PM ET, Marriott Marquis, Liberty Salon K (M4), Washington, DC, sponsored by Standing Committee on Workforce Development & Organizational Excellence (AJE15).

Transportation Asset Management Committee Meeting (AJE30), Monday, January 08, 2024, 8:00 AM- 12:00 PM ET, Marriott Marquis, Liberty Salon M (M4), Washington, DC, sponsored by the Standing Committee on Transportation Asset Management (AJE30).

Transportation Asset Management Education Subcommittee (AJE30(4)), Monday, January 08, 2024, 6:00 PM- 7:30 PM ET, Marriott Marquis, Liberty Salon K (M4), Washington DC, sponsored by the Standing Committee on Transportation Asset Management and (AJE30) and Subcommittee on Asset Management Education (AJE30(4)).

Performance Management Committee Meeting (AJE20), Tuesday, January 9, 2024, 1:30-3:15 PM, Marriott Marquis, Liberty Salon K (M4), Washington, DC, sponsored by the Standing Committee on Performance Management (AJE20).

Strategic Management Committee Meeting (AJE10), Tuesday, January 09, 2024, 3:45 PM- 5:30 PM ET, Marriott Marquis, Liberty Salon K (M4), sponsored by the Standing Committee on Strategic Management (AJE10).

Featured Transportation Research

Below is a selection of active, and recently completed AASHTO, FHWA, and National Cooperative Highway Research (NCHRP) projects and NCHRP synthesis projects related to transportation performance management and the future transportation agency. Please note: Project descriptions shown in italics are directly from the National Academies of Sciences, Engineering and Medicine, Transportation Research Board (TRB), National Cooperative Highway Research (NCHRP) website, www.trb.org. Accessed November 2023.

Defining and Measuring Equity in Public Transportation. 2023. Mineta Transportation Institute Publications. <https://doi.org/10.31979/mti.2023.2100>. This study was done to aid the California Department of Transportation (Caltrans) and the state's transit agencies in assessing transit service equity and assisting with evaluating past, existing, and future inequities. This report identifies and evaluates policies and practices associated with equity measurement in public transit from extant academic and professional literature sources.

NCHRP Research Results Digest 404: Collective and Individual Actions to Envision and Realize the Next Era of America's Transportation Infrastructure: Phase 1. 2023. Washington, DC: The National Academies Press. <https://doi.org/10.17226/27263>. *This digest from NCHRP, explores and articulates what state DOTs can do collectively and individually to establish and realize a transformative vision of the next era of America's transportation infrastructure, a vision and infrastructure to support the nation's continued prosperity and well-being.*

NCHRP Research Report 1014: Developing a Highway Framework to Conduct an All-Hazards Risk and Resilience Analysis. 2023. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26924>. *Presents a research roadmap to develop a comprehensive manual, tools, training, and implementation guidelines for quantitative risk and resilience assessment that satisfies new federal requirements.*

Developing Transportation System Climate Resilience Performance Measures. 2022. Minnesota Department of Transportation. <https://mdl.mndot.gov/items/TRS2202>. This Transportation Research Synthesis, prepared by CTC & Associates LLC, presents the findings of a survey of state transportation agencies about the performance measures and practices implemented to monitor the agencies' climate resilience efforts.

NCHRP Research Report 1000: Accessibility Measures in Practice: A Guide for Transportation Agencies. 2022. Washington, DC: The National Academies Press. <https://doi.org/10.17226/26793>. *This report describes measures of accessibility—defined as the ease with which travelers can reach valued destinations—and how these measures can be implemented by transportation agencies.*

Measuring Accessibility: A guide for Transportation and Land Use Practitioners. 2021. State Smart Transportation Initiative. <https://ssti.us/wp-content/uploads/sites/1303/2020/12/Measuring-Accessibility-Final.pdf>. This guide addresses why accessibility matters, what is required to measure accessibility, how to interpret and report accessibility findings, and how to apply these findings to decision-making.

Research, Development and Technology Strategic Plan 2022–2026: Building a Better Transportation Future for All. 2022. United States Department of Transportation. Office of the Assistant Secretary for Research and Technology. <https://doi.org/10.21949/1528384>. The purpose of this RD&T Strategic Plan is to outline a national transportation research vision to guide America's research priorities while improving coordination of transportation research. It defines the role of U.S. DOT's RD&T programs to lead the transformation of the nation's transportation system in partnership with stakeholders.

TCRP J-11/Task 44 [Active] Improving Access to Public Transportation Services and Facilities with Transit-Oriented Complete Streets. <https://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=5261> *The objective of this research is to develop a practical resource for public transportation agencies, local jurisdictions, state departments of transportation, and other stakeholders to better connect people to public transportation services and facilities through transit-oriented Complete Streets in urban and suburban areas throughout the United States.*

NCHRP 08-150 [Pending] Tools to Integrate Equity into Active Transportation and Safety Investments. <https://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=5128>. *The objective of this research is to develop tools to (1) incorporate a systemic, risk-based approach to safety prioritization with a focus on promoting socially equitable outcomes and (2) integrate social and demographic equity metrics and methods in the decision-making process for investments affecting safety and Active Transportation during planning, programming, design, construction, operations, and maintenance.*

Save the Date

CONFERENCES/WORKSHOPS

Transportation Research Board (TRB) 103rd Annual Meeting

January 7-11, 2024, Washington, D.C.

More information:

<https://www.trb.org/AnnualMeeting/AnnualMeeting.aspx>

AASHTO Spring Meeting

April 23-26, 2024, Madison, WI

AASHTO Annual Meeting

October 28-31, 2024, Philadelphia, PA

In-Person Conference

MEETINGS

AASHTO Washington Briefing

February 5-8, 2024, Washington, D.C.

In-Person Meeting

More information:

<https://web.cvent.com/event/d9dd47f8-72db-488f-bd8e-1bf580ad81f3/websitePage:33bb36ed-69a1-42a4-85e6-6b25f-b660a71>

AASHTO CPBM Annual Meeting

September 17-20, 2024

AASHTO

2024 CPBM Annual Meeting

Save
the Date

Joint Meeting with Committee on
Planning and Committee on
Data Management and Analytics

September 17-20, 2024

Connecticut

Tentative Date and Location

WEBINARS

AASHTO CPBM/TPM TSP Joint Quarterly Meeting

March 7, 2024, 2 PM - 4 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-tsp-quarterly-mar-2024/>

TPM Webinar 21 - The Transportation Agency of the Future: Pioneering a Performance Path

March 20, 2024, 2:00 PM - 3:30 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-webinar-21/>

TAM Webinar 67

February 21, 2024, 2:00 - 3:30 PM ET

More information:

<https://www.tam-portal.com/event-directory/tam-webinars/>

TPM Webinar 22

May 15, 2024, 2:00 PM - 3:30 PM ET

Webinar

More information:

<https://www.tpm-portal.com/events/tpm-webinar-22/>

AASHTO CPBM/TPM TSP Joint Quarterly Meeting

June 6, 2024, 2 PM - 4 PM ET

Webinar

More information:

<https://www.tpm-portal.com/events/tpm-tsp-quarterly-june-2024/>

TPM Webinar 23

July 17, 2024, 2:00 PM - 3:30 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-webinar-23/>

TPM Webinar 24

September 25, 2024, 2:00 PM - 3:30 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-webinar-24/>

TPM Webinar 25

November 20, 2024, 2:00 PM - 3:30 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-webinar-25/>

AASHTO CPBM/TPM TSP Joint Quarterly Meeting

December 5, 2024, 2 PM - 4 PM ET

More information:

<https://www.tpm-portal.com/events/tpm-tsp-quarterly-dec-2024/>

Get Involved in a CPBM Subcommittee, Work Group, or Task Force

Committee on Performance-Based Management (CPBM)

Chair: Christos, Xenophontos, Rhode Island DOT
Vice-Chair: Jean Wallace, Minnesota DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Mshadoni Smith-Jackson
For a link to upcoming Joint Quarterly CPBM/TPM TSP Meetings, please visit the event page on the TPM Portal at <https://www.tpm-portal.com/event-directory/>

Subcommittee on Asset Management

Chair: Matt Haubrich, Iowa DOT
Vice-Chair: Mike Johnson, Caltrans
Membership Coordinator: Louis Feagans, Indiana DOT
Policy/Rulemaking Coordinator: Todd Lamphere, Washington State DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Tashia Clemons
Meetings: Monthly joint meetings with TRB AJE30, third Monday of each month, 1 PM – 2:30 PM Eastern Time
For a link to Zoom meetings please visit the TAM Portal at <https://www.tam-portal.com/event/>

Subcommittee on Organizational Management

Chair: Gary Vansuch, Colorado DOT
Vice Chairs: David Putz, Iowa DOT, and Gehan Elsayed, West Virginia DOT
Secretary: Stacey Houston, Iowa DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Vacant
Meetings: Monthly joint meetings with TRB AJE15 Workforce Development and Organizational Excellence Committee, third Tuesday of each month from 12 PM – 1:30 PM Eastern Time
For a link to meetings, please contact Gary Vansuch. The subcommittee homepage is located at <https://www.tpm-portal.com/community/cpbm-om/>

Subcommittee on Risk Management

Chair: Nathan Lee, Utah DOT
Co-Chair: William Johnson, Colorado DOT
Vice-Chair: Monica Aleman-Smoot, Texas DOT
Secretary: Patrick Cowley, Utah DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Daniel Fodera
Meetings: Second Monday of even-numbered months, 1 PM – 2 PM Eastern Time
For a link to Zoom meetings, please visit the ERM Portal at <https://www.erm-portal.com/community/subcommittee-on-risk-management/>

Joint Subcommittee on System Mobility and Emerging Technologies (SMET)

Chair: Daniela Bremmer, Washington State DOT
AASHTO CTSO – Staff Liaison: Ali Loman
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Rich Taylor
Meetings: Third Tuesday of the even-numbered months, 2:30 PM – 3:30 PM Eastern Time
For a link to meetings, please contact Daniela Bremmer. The homepage for this subcommittee is <https://www.tpm-portal.com/community/smet/>

Policy and Rulemaking Work Group

Chair: Ryan Huff, Nebraska DOT
Vice-Chair: Lori Fisette, Rhode Island DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaisons: Alexis Kuklenski, Mshadoni Smith-Jackson
Meetings: Second Tuesday, 1 PM – 2 PM Eastern Time
For a link to Zoom meetings, please visit the work group page at <https://www.tpm-portal.com/community/cpbm/policy/>

Research Work Group

Chair: Edgardo Block, Connecticut DOT
Vice Chair: Alma Mujkanovic, Georgia DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Nelson Hoffman
Meetings: Monthly meetings, second Friday, 2 PM – 3 PM EST
For a link to Zoom meetings, please visit the work group homepage at <https://www.tpm-portal.com/community/cpbm/research/>

Task Force on Emerging Performance Areas

Co-Chairs: Deanna Belden, Minnesota DOT and Kelly Travelbee, Michigan DOT
AASHTO Liaison: Anna McLaughlin
FHWA Liaison: Christina Leach
Meetings: Monthly meetings, first Wednesday, 2 PM – 3 PM
For a link to Zoom meetings, please visit the task force homepage at <https://www.tpm-portal.com/community/tfepa/>