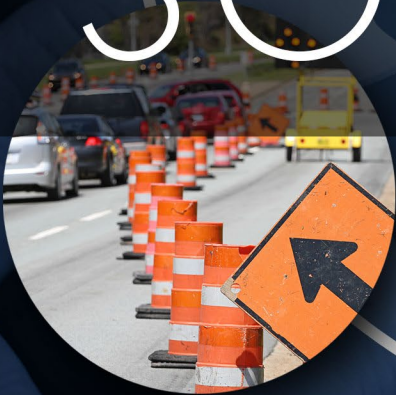




FY 2025 WORKPLAN CONNECTING FOR SOLUTIONS



— THE EASTERN
TRANSPORTATION
COALITION

CONNECTING FOR SOLUTIONS





June 30, 2024

We are pleased to share The Eastern Transportation Coalition's **Fiscal Year (FY) 2025 Workplan**.

The Workplan supports the Coalition's vision to "advance the future of transportation" and

mission to "connect for solutions." As we mark our 30th anniversary as a Coalition, we are proud of our three decades of bringing forward real-world benefits and we look forward to continuing to serve our members in the years ahead.

This Workplan emphasizes four priorities:

- Significantly increasing the **safety** of our region's transportation system.
- Providing **data** to support decision-making by both executive and operations staff to improve safety, mobility, and resilience.
- Preparing member agencies for the transition to electric vehicles and other **transformative technologies**.
- Exploring alternative options for sustainable **transportation funding**.

The Workplan directs the Coalition's three nationally recognized programs—Transportation Systems Management and Operations (TSMO), Freight, and Innovation. It also guides quick-response implementation projects through our Special Cooperative Projects (SCOOP) initiative and multi-state initiatives supported by discretionary grants from the federal government.

The critical role transportation plays in our economy and daily lives has been demonstrated multiple times this year – from the collapse of a portion of Interstate 95 in Philadelphia to the bridge fire on Interstate 95 in Connecticut to the destruction of the Francis Scott Key Bridge in Baltimore. These events remind us of the fragility of our transportation system – but they also remind us of the resiliency of our agencies and the dedicated staff who serve the people of the Eastern states daily. And they prompt us to recommit the Coalition, in this anniversary year, to continue to connect for solutions and make our system more reliable, resilient, and safe for our customers and our workers. We invite you to join us in this journey.

EXECUTIVE DIRECTOR



Patricia Hendren

EXECUTIVE BOARD LEADERSHIP



Russell McMurry

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*Commissioner,
Georgia Department
of Transportation*



William Cass

Vice Chair

*Commissioner, New
Hampshire Department of
Transportation*



Marie Therese Dominguez

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Department of
Transportation*



Garrett Eucalitto

Vice Chair

*Commissioner,
Connecticut Department
of Transportation*



William Pines

Vice Chair

*Administrator,
Maryland State Highway
Administration*

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Fiscal Year 2025 Workplan Overview

This document summarizes the Workplan for The Eastern Transportation Coalition (TETC) for Fiscal Year 2025 (FY25, covering the period July 1, 2024, to June 30, 2025).

Executive Priorities

The Coalition's FY25 Workplan builds on our 30-year legacy and advances four priorities identified by the Executive Board during its February 2024 strategic planning session:

- Significantly increasing the **safety** of the region's transportation system.
- Providing **data** for decision making by both executive and operations staff to Improve safety, mobility, and resilience.
- Preparing member agencies for the transition to electric vehicles and other **transformative technologies**.
- Exploring alternative options for **sustainable transportation funding**.

"The Coalition excels at finding practical solutions that advance our region. We don't settle for short-term band-aids, but we don't hold out for world peace. And that's how we are making progress at improving safety, mobility, and resiliency for our region."

*Russell McMurry, Commissioner,
Georgia Department of Transportation, and
Chair, TETC Executive Board*

The Workplan directs the Coalition's day-to-day activities in three nationally recognized programs that are supported by member dues:

- The **Transportation Systems Management and Operations (TSMO)** program will maintain its longstanding emphases on providing better traveler information and data to support operations decisions and on enhancing multi-state collaboration on safety, reliability, incident and event management, and emergency response. This includes highly valued initiatives for training, data access and sharing, and exchange of best practices.
- The **Freight** program will maintain its focus on freight data, planning, operations, and safety, with greater emphasis on ongoing working groups, peer exchanges, and resources to support changing member needs.
- The **Innovation** program will focus on evolving member needs related to electric vehicles, while continuing its national leadership in exploring sustainable funding options.

The Workplan also guides quick-response implementation projects through our **Special Cooperative Projects (SCOOP)** initiative and multi-state initiatives that could be supported by discretionary grants from the Infrastructure Investment and Jobs Act (IIJA) and other federal programs.

COALITION WORKPLAN AT A GLANCE

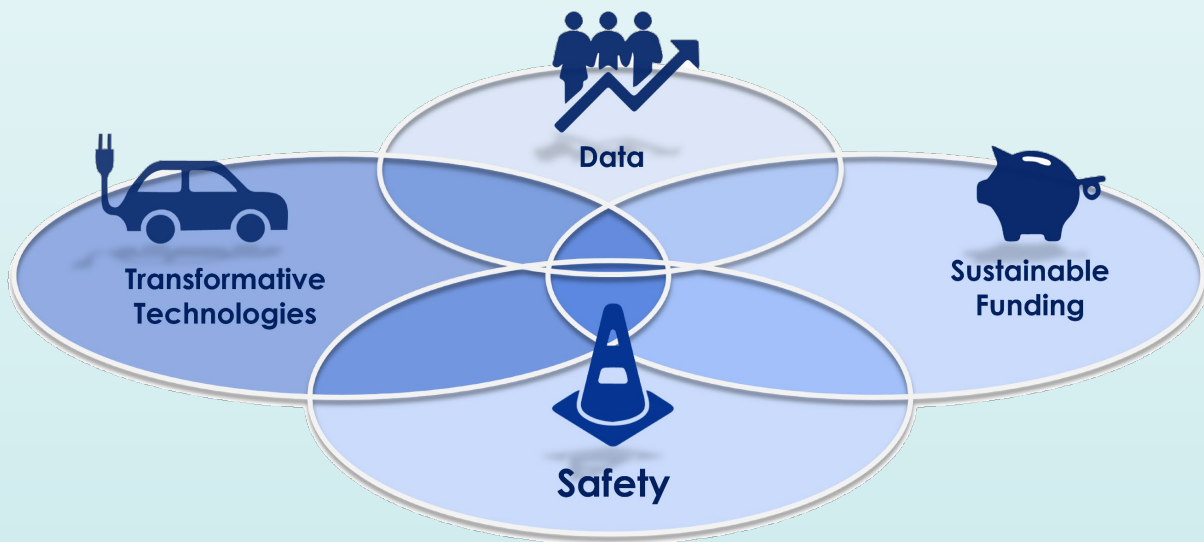
VISION: ADVANCE THE FUTURE OF TRANSPORTATION

We envision a reliable, smart, integrated, sustainable, and resilient multimodal transportation system that maximizes safety, mobility, equity, and economic competitiveness of the Eastern states.

MISSION: CONNECT FOR SOLUTIONS

We develop innovative and implementable ideas, exchange best practices, test emerging technologies, and leverage data and tools to address operational, intermodal, and funding challenges. We accomplish this mission by bringing diverse agencies and perspectives together in a proactive, inclusive, and agile manner.

2025 EXECUTIVE BOARD PRIORITIES



PROGRAM AREAS







*Transportation Systems
Management and Operations*



Freight



Innovation

Board Priority	Key Issue	Coalition Focus
	<p>Reverse the curve: traffic fatalities in Coalition states up 16% from 2019 levels</p>	<ul style="list-style-type: none"> ■ Increase safety through solutions involving data, technology, innovation, and collaboration ■ Improve the accuracy and timeliness of safety and other traveler information ■ Strengthen partnerships for incident, event, and emergency management ■ Train future safety and operations leaders
	<p>Provide data for decision making by both executive and operations staff to improve safety, mobility, and resilience</p>	<ul style="list-style-type: none"> ■ Leverage the power of multiple states through the Transportation Data Marketplace (TDM) ■ Assess emerging data products such as freight origin-destination data for use by agencies ■ Share best practices across agencies ■ Expand emphasis on the use of data for decision-making
	<p>Prepare Coalition member agencies for the transition to electric vehicles and other transformative technologies</p>	<ul style="list-style-type: none"> ■ Provide a forum and usable resources to help agencies prepare for electric and alternative fuel vehicles and related technologies; enable quick-response sharing across agencies ■ Create an innovation testing ground to support safer and more reliable roads ■ Identify implementable infrastructure and operations strategies to support transformative technologies
	<p>Explore alternative options for sustainable transportation funding</p>	<ul style="list-style-type: none"> ■ Continue to explore the feasibility and operational implications of shifting to a distance-based funding approach ■ Increase the effectiveness of toll operations including collaborating on tolling reciprocity across states ■ Make the business case for long-term funding for safety and operations

What We Do: The Coalition at Work

Funding Source	Activity	Description	Examples from FY24
Core program	Working groups	Regular meetings to work through specific topics; spotlight presentations	<ul style="list-style-type: none"> Traveler Information Services Committee 3rd Party Navigation & Mapping Working Group Freight Data & Planning Working Group Truck Parking Working Group Electric Vehicle Working Group
	Peer exchange	Practitioner-only "closed-door" sharing on key topics	<ul style="list-style-type: none"> Highway Operations Groups Lessons learned from mileage-based user fee (MBUF) programs
	Workshop/conference	Larger-scale interactive event with practitioners, subject matter experts	<ul style="list-style-type: none"> Workshop on hybrid/electric vehicles implications for first responders Clearinghouse workshop to leverage tolling and department of motor vehicle experience for MBUF
	Virtual exchange	Opportunity to learn about successful strategies; wider audience and participation	<ul style="list-style-type: none"> Virtual roundtable on eclipse messaging Virtual exchange on New York State Bridge Strikes Task Force Virtual exchange on MBUF implications for motor carrier industry Virtual roundtable on HELP Alerts effectiveness
	Training	Intensive, hands-on academies and other programs to build capacity and professional network	<ul style="list-style-type: none"> Operations Academy Virtual Traffic Incident Management (TIM) training module Consortium for Innovative Transportation Education (CITE) scholarships
	Data & tools	Access to data and tools with cost savings ¹	<ul style="list-style-type: none"> Transportation Data Marketplace
SCOOP funds	Special projects	Quick-response research projects	<ul style="list-style-type: none"> Connected Vehicle Data Prioritization Count All Bicyclists and Pedestrians Efficiently Down with Copper Theft Electric Vehicle Data Specifications for National Electric Vehicle Infrastructure (NEVI) Request for Proposals (RFP) Feasibility of kilowatt hour (kWh) Fees
External grants	Multi-state demonstrations	Collaboration on large-scale research and deployment initiatives	<ul style="list-style-type: none"> MBUF real-world pilots East Coast Commercial Zero Emission Vehicle (ZEV) Corridor Pilot

¹ Member agencies may purchase data from the Transportation Data Marketplace for a fee.

How We Got There: Workplan Development Process

The Workplan was developed through an iterative process that included:

- Confirmation and refinement of Executive Board priorities at a February 2024 strategic planning workshop.
- Identification and prioritization of potential program activities that support these four priorities by agency staff in leadership and membership roles in Coalition committees and working groups under TSMO, Freight, and Innovation.
- Review and adoption of a unified Workplan by the Board at its June 2024 meeting.

This Workplan is designed to build on and extend our 30-year legacy of helping our member agencies connect for solutions; address the pressing safety, mobility, and resiliency challenges our members face today; and prepare the Coalition for a rapidly evolving future by helping our agencies prepare for transformative technologies and sustainable funding models.

What's Next: Implementation





- Deliver the Workplan through program areas and committees.
- Adapt the Workplan as needed to address evolving or unexpected needs and opportunities.
- Provide periodic progress reports to the Executive Board throughout the year through bi-monthly meetings, quarterly reports, and other communications methods.
- Continue to expand engagement of Coalition member agencies and partners, including regional planning organizations and transportation authorities. Welcome and engage West Virginia as our newest member.
- Continue to partner with federal agencies and national organizations to advance mutual goals.
- Continue the SCOOP) initiative with calls for projects and financial commitments.
- Monitor the status of IIJA implementation, including discretionary funding opportunities suitable for multistate coalitions that could support Coalition activities without competing with state applications.
- Kickoff FY26 Workplan development at the first Board meeting in 2025.

"Our work with the Coalition has always been important because of the cross pollination of ideas. How can we adapt best practices and make them our own?"

Jonathan Gulliver, Highway Administrator, Massachusetts Department of Transportation

Support for Executive Board Priorities

The FY25 Workplan supports the identified priorities of the Executive Board.

Executive Priority	Example Activities		
	TSMO	Freight	Innovation
	<ul style="list-style-type: none"> Convene Traveler Information Services summits Continue to convene four Highway Operations Group (HOGs) Conduct state-specific virtual Traffic Incident Management (TIM) training module and license Deliver Operations Academy and TMC Operators Academy 	<ul style="list-style-type: none"> Continue Truck Parking Working Group Advance best practices for emergency truck parking plans Continue to enhance in-cab alerts to drivers Continue to share ways to prevent, mitigate, and share information about bridge strikes 	<ul style="list-style-type: none"> Conduct virtual information exchange and roundtables on safety and operations issues unique to electric vehicles
	<ul style="list-style-type: none"> Expand use and content of Transportation Data Marketplace (TDM) Exchange successful applications of data for operational decisions Work with 3rd party providers on data feed improvements 	<ul style="list-style-type: none"> Maintain Freight Data and Planning Working Group Update and expand Freight Data Matrix Conduct TDM vendor forum on freight data 	<ul style="list-style-type: none"> Explore needs and elements of a clearinghouse to support a regional Mileage-Based User Fee (MBUF) model Gather public opinion data regarding MBUF
	<ul style="list-style-type: none"> Convene exchanges on emerging technologies for operations and safety Conduct workshop on digital infrastructure in right of way 	<ul style="list-style-type: none"> Convene Freight Academy with emphasis on artificial intelligence applications for freight Complete East Coast Commercial Zero Emissions Vehicle (ZEV) Corridor Project 	<ul style="list-style-type: none"> Conduct virtual information exchange and workshop on shortening timelines for electric vehicle project delivery
	<ul style="list-style-type: none"> Highlight effective TSMO funding strategies 	<ul style="list-style-type: none"> Convene MBUF Motor Carrier Working Group Conduct workshop on state DOT role in transition to medium- and heavy-duty zero emission vehicles 	<ul style="list-style-type: none"> Conduct exploratory MBUF work in 10 Coalition states Conduct workshop with IBTTA on toll reciprocity issues in Mid-Atlantic states Complete state of practice paper and virtual exchange on feasibility of kWh fees

1.0 Transportation Systems Management and Operations



Transportation Systems Management and Operations (TSMO) is the Coalition's largest program. TSMO is an integrated set of strategies focused on operational improvements to maximize the safety, mobility, and reliability of the transportation system. The Coalition states account for more than 29 percent of all road miles and 41 percent of all vehicle miles traveled (VMT) in the nation; they also account for 41 percent of all fatal crashes. People and freight trips regularly cross state lines. Incidents, bottlenecks, special events, construction, and other disruptions often have broader systemwide impacts, highlighting the need for regional coordination and information sharing.

The TSMO program is organized in five areas:

- **Traveler Information Services Committee**, focusing on sharing best practices and coordinating with other states and with third-party mapping and navigation services to provide integrated traveler information across the Coalition states.
- **Data User Groups and Services**, extending the Coalition's successful initiatives for sharing traffic and related data among states and highlighting ways to effectively use a wider range of data and tools.
- Four **Highway Operations Group (HOGs)**, serving as regional forums for coordination across stakeholders and jurisdictions to improve incident management with an emphasis on ensuring emergency responder safety and reducing secondary crashes.
- **TSMO Transformative Technologies (T3) Working Group**, promoting emerging technologies that are implementable now, or in the near-term, to improve operations and safety.
- **Training**, offering Coalition member agency staff immersive education opportunities through nationally recognized programs and scholarships.

Traveler Information Services

The **Traveler Information Services Committee** supports the development and use of multimodal traveler information systems. This Committee will plan two corridor-wide events in FY25: an annual meeting in fall 2024 (primarily in-person, with a virtual option) and a virtual summit in spring 2025. The Committee also will conduct up to four virtual roundtables on specific topics for interested members. These events will combine showcase presentations and roundtable discussions. Potential topics include:

- **Video distribution and sharing**, including the potential for a multi-state platform.
- **Procurement** lessons learned for Advanced Traffic Management Systems (ATMS) and Advanced Traveler Information Systems (ATIS).

- **Work Zone Data Exchange** (WZDx) applications and data feeds.
- Use of other **emerging data sources and systems** such as connected vehicle/vehicle to everything (V2X).
- Collaboration with **original equipment manufacturers** (OEM) and **electronic logging devices** (cross-cutting with **Freight** program).
- Use of the **Drivewyze** commercial vehicle safety service (cross-cutting with **Freight** program).
- Integration with **iPhone and Android** apps.

**TRAVELER INFORMATION SERVICES
COMMITTEE LEADERSHIP**



John Parker
*Pennsylvania
Turnpike
Commission*



Kelly Wells
*North Carolina
Department of
Transportation*

The Committee will continue to collaborate with **WAZE**, **Google Maps**, and other **third-party mapping initiatives** to enhance information being shared with travelers. In FY25, the WAZE/Google working group will meet twice per year (with the option of another meeting if needed to address events impacting member states). To further engage mapping providers, additional outreach to Apple and TomTom will be made with the objective of establishing a second working group (due to business competition sensitivities). The focus across both working groups would be data integration and product roadmap features. In addition, the TSMO program will continue to coordinate closely with the **Freight** program on enhancing in-cab alerts to truck drivers.

The SCOOP program supported creation of a 3rd Party Mapping Navigation Ticketing Hub (NavHub) to prioritize requests to resolve issues with third-party navigation providers. In FY24, the Coalition assessed the NavHub's effectiveness and refined the NavHub approach. In FY25, the Coalition will re-launch the NavHub to include contact information and frequently asked questions and provide real-time support for critical incidents.



Data User Groups and Services

The TSMO program will continue its longstanding emphasis on data, through sustaining its nationally recognized **Transportation Data Marketplace** (TDM); supporting data fusion and dissemination through the Regional Integrated Transportation Information Systems (RITIS); and sharing best practices in data collection, analysis, sharing, and use for decision-making.

Transportation Data Marketplace

The Transportation Data Marketplace (TDM), originally launched in 2008 as the Vehicle Probe Project, provides member states with access to data from multiple vendors at discounted prices. The TDM currently includes 12 vendors providing data in six core categories: travel time and speed, origin-destination, waypoint, freight, volume, and conflation. The Coalition validates data, negotiates terms and data use agreements, and provides contract vehicles to save agencies time and resources. Data procured through the TDM is available to

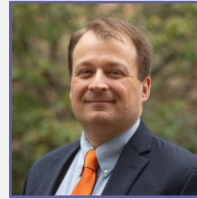
participating agencies, as well as their regional planning organizations and contractors. In FY23 alone, 12 agencies used TDM data, purchasing 30 data sets and 25 ancillary tools at a savings of more than \$1 million.

Members of two groups, TDM State Points of Contact and Technical Advisors Committee, have joined together into a single committee to guide the TDM: the TDM Leadership Working Group. This working group directs the validation program, identifies member needs and priorities, and addresses vendor issues. The combined committee will meet quarterly. Activities will include continuing outreach about available data sets and tools; exploring opportunities to add new data sets, such as additional freight data, pedestrian and bicycle data, and weather data; and pursuing a contract amendment or second request for proposals to expand the core data sets.

Data User Group Meetings

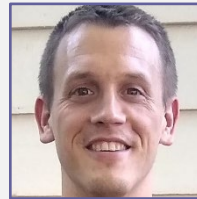
The Coalition will continue to highlight successful use cases of agencies turning data into usable information through its partnership with Regional Integrated Transportation Information Systems (RITIS), a large-scale data integration platform for transportation management and planning. Participating agencies can view transportation and emergency management data through innovative visualizations and use these data to improve safety, operations, and emergency preparedness. The University of Maryland Center for Advanced Transportation Technology (CATT) Lab will continue to partner with the Coalition to showcase member uses of the RITIS platform. The Workplan includes four Data User Group meetings and support for two Product Enhancement Working Group to coordinate development of power user enhancements. In addition, the Workplan includes two workshops provided by the CATT Lab to show how to develop informative performance reports using RITIS tools and templates.

TDM LEADERSHIP WORKING GROUP LEADERSHIP



Mike Fontaine

*Associate Director,
Virginia
Transportation
Research Council,
Virginia Department
of Transportation*



Zach Vander Laan

*Faculty Specialist,
University of Maryland
Center for Advanced
Transportation
Technology*

RITIS LEADERSHIP



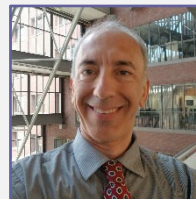
Jesse Buerk

*Delaware Valley
Regional Planning
Commission
Data User Group*



Matt Glasser

*Arcadis
Data User Group*



Bob Frey

*Massachusetts
Department of
Transportation
Product Enhancement
Working Group*

Data Webinars

The Workplan includes up to four data virtual exchanges to share best practices among agencies, including additional opportunities for vendor demonstrations and use cases. Potential topics include freight operations and commercial vehicle enforcement data (in partnership with the **Freight** program), Work Zone Data Exchange (WZDx) data feeds, bicycle and pedestrian data, near-miss data, and video analytics.

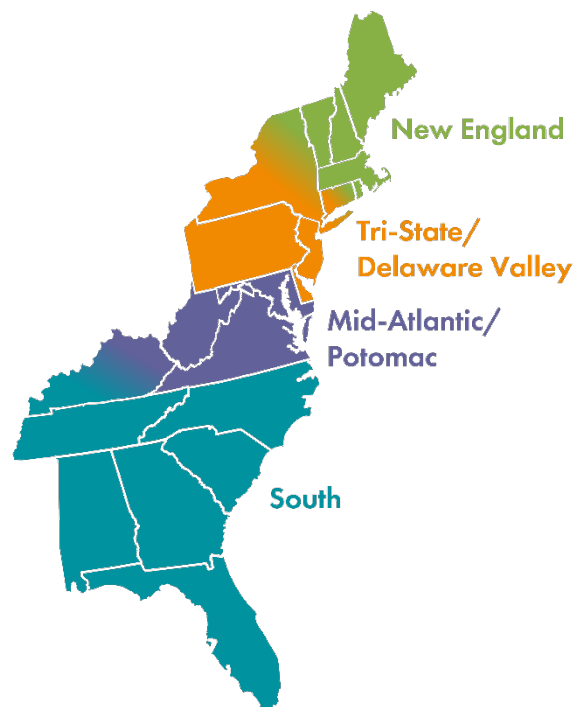


SCOOP projects are exploring emerging data sources related to connected vehicle data, bicycle and pedestrian data, and real-time volume data, which could support future enhancements to the TDM or future content for data webinars.

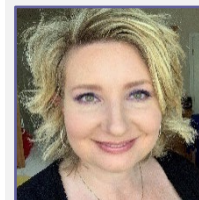
Highway Operations Groups (HOGs)

The TSMO program will continue support for **Highway Operations Groups (HOGs)** for four regions: **New England**, **Tri-State/Delaware Valley**, **Mid-Atlantic/Potomac**, and **Southern**. HOGs provide a forum for member agencies to improve incident management, including its impacts on safety and mobility. HOGs are multidisciplinary, bringing together operations, maintenance, and first responder staff for discussions on challenges and opportunities across jurisdictional boundaries.

The Coalition will hold an annual in-person HOG meeting event in each region in FY25, plus one virtual corridor-wide meeting. The Tri-State/Delaware Valley meeting will collaborate with the Transportation Operations Coordinating Committee (TRANSCOM) in the New York City metropolitan area, and the Mid-Atlantic/Potomac meeting will collaborate with the Metropolitan Area Transportation Operations Coordination (MATOC) in the Washington, DC area. Enhancing safety including continued focus on action items identified at the 2023 Move Over Conference will be key discussion points of the in-person meetings. The virtual corridor-wide meeting in spring 2025 will focus on preparedness and response for large-scale planned and unplanned special events, including extreme weather and catastrophic incidents.



HOGS LEADERSHIP



Jennifer Portonova

North Carolina
Department of
Transportation

TSMO Transformative Technologies (T3) Working Group

In FY24, the Coalition realigned its Connected and Automated Vehicle (CAV) Working Groups into a TSMO Transformative Technologies (T3) Working Group. This transition was in response to Executive Board guidance to shift the focus of the Coalition's work from autonomous vehicles to implementable operational technologies with an emphasis on safety. The T3 Working Group focuses on the real-world application of connected vehicles, signal timing, queue warning, wrong way detection, smart work zones, and other relevant emerging technologies such as artificial intelligence that can be relevant to day-to-day operations and safety.

The Workplan includes at least one virtual meeting for each of three regions (**New England**, **Mid-Atlantic**, and **Southeast**), plus one corridor-wide meetings (either in-person or virtual). These meetings will provide opportunities for information sharing and discussions on best practices and lessons learned across member states. Potential topics include connected vehicles, smart workzones, and artificial intelligence.

The Coalition also will convene a **fiber workshop** (rescheduled from FY24) to help member agencies identify opportunities to enhance safety, reliability, and cross-jurisdictional information exchange; lessons learned from initial deployments; and example policies, agreements, and funding opportunities that could serve as resources for members.



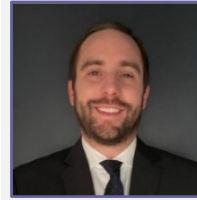
SCOOP projects are scanning the state of the practice in roadside broadband deployment, conducting a synthesis of state DOT policies regarding artificial intelligence, and identifying strategies for reducing theft of copper wire in roadside digital infrastructure.

Training

TSMO training activities include nationally recognized educational programs as well as scholarship support to enable participation by member agencies. These include:

- An annual **Operations Academy** in fall 2024. The Operations Academy is an immersive program designed to strengthen agency workforce skills related to TSMO. The program uses a mix of classroom instruction, team workshops, field studies, and presentations by nationally recognized guest speakers. It provides opportunities to practice and apply the principles learned that are not possible in traditional classes and short courses. Acceptance to the program is competitive and requires the nomination of a local, state, or federal transportation agency. The FY25 program will be offered in a hybrid format

TSMO TRANSFORMATIVE TECHNOLOGIES (T3) WORKING GROUP LEADERSHIP



Peter Calcaterra

*Connecticut
Department
of Transportation
(New England)*



Derrick Herrmann

*Pennsylvania
Department of
Transportation
(Mid Atlantic)*



Raj Ponnaluri

*Florida Department
of Transportation
(Southeast)*

combining 8 virtual and 5 in-person sessions. The Coalition will provide scholarships with a goal of including at least one participant from each member state.

- A **TMC Operators Academy** in fall 2024. This academy, targeted at TMC operators and supervisors working on the floor, includes in-person training and activities focusing on topics such as leadership and media training, emerging technologies, incident management (including safety patrols and after-action reviews), and traveler information.
- Scholarships for member state DOTs to attend instructor-led and/or independent (self-paced) courses under **Consortium for Innovative Transportation Education (CITE)**. The Coalition will continue to inform members about class availability and track member participation.



SCOOP projects supported the development of a **virtual traffic incident management training module** and provided training during FY24 HOGs exchanges. Efforts will continue in FY25 with additional state-specific training and licenses.










During FY25, the Coalition will also explore other TSMO training needs and opportunities related to emerging data sources and technologies, as well as strategies for making the business case for and overcoming barriers to funding TSMO.

"Enrolling in the Operations Academy Senior Management Program was a transformative experience. The comprehensive curriculum and dedicated faculty provided me with invaluable knowledge and skills, setting a strong foundation for my future career."

New York State Department of Transportation participant



TSMO Workplan Summary

Activity	Projects/Deliverables	Executive Board Priorities	
Traveler Information Services Committee	<ul style="list-style-type: none"> ■ Two Traveler Information Services Committee summits, one in-person and one virtual ■ Up to four traveler information virtual roundtables ■ Two WAZE/Google Working Group meetings, outreach to Apple and TomTom and coordination with in-cab alert providers (with Freight program) 		
Data User Groups and Services	<ul style="list-style-type: none"> ■ Ongoing support and extension of Transportation Data Marketplace (TDM) (with Freight program) ■ Four TDM Leadership Working Group meetings ■ Four Data User Group meetings, two Product Enhancement Working Group meetings, and two data-based report development workshops ■ Up to four topic-driven data webinars ■ NavHub FAQs and real-time support 		
Highway Operations Groups	<ul style="list-style-type: none"> ■ At least one Highway Operations Group meeting in each of four regions ■ One virtual, corridor-wide Highway Operations Group meeting focusing on emergency management 		
TSMO Transformative Technologies (T3) Working Group	<ul style="list-style-type: none"> ■ At least one virtual meeting for each of three regions ■ At least one corridor-wide exchanges focusing on emerging technologies (with Innovation program) ■ Workshop on use of roadside right of way for fiber and other technologies (with Innovation program) 		
Training	<ul style="list-style-type: none"> ■ Operations Academy scholarships ■ TMC Operators Academy ■ State-specific virtual TIM training module and licenses ■ Scholarships to support Coalition member participation in CITE training courses 		

2.0 Freight



The Freight program focuses on improving the safety, mobility, and resiliency of the movement of goods throughout the Eastern States. The Coalition accounted for about 42 percent of U.S. jobs and gross domestic product and moved nearly \$1.9 trillion in international trade in 2022, with many trips crossing jurisdictional boundaries. The Freight program emphasizes multistate opportunities that reflect the scale at which freight moves, considering the wide range of communities and the complex web of major highways, railways, seaports, and air cargo hubs in the Eastern states.

A Coalition-wide **Freight Committee** manages the Freight program. Committee members include state DOTs, metropolitan and regional planning organizations, transportation/toll authorities, port authorities, federal agencies, and trucking, rail, and other industry associations. The Freight Committee includes two working groups, which include additional agency staff focused on specific topic areas:

- **Freight Data and Planning Working Group.**
- **Truck Parking Working Group.**

The Freight Committee also works in two additional areas:

- **Freight Operations and Technology** initiatives.
- **Training** activities.

Freight Data and Planning Working Group

The Coalition will maintain a **Freight Data and Planning Working Group**, supported by member staff with expertise in this area. The group will continue to meet quarterly for spotlight presentations on data sources and tools and practitioner-only discussions. Potential topics include:

- A **TDM vendor forum** to showcase existing member applications of TDM freight data and discuss potential TDM extensions to include additional supply chain and real-time freight and commercial vehicle data (with **TSMO** program).

FREIGHT COMMITTEE LEADERSHIP



Dan Pallme
*Tennessee
Department of
Transportation*



David Rosenberg
*New York State
Department of
Transportation*

FREIGHT DATA AND PLANNING WORKING GROUP LEADERSHIP



Sara Walfort
*Southwestern
Pennsylvania
Commission*

- A virtual information exchange on how states might approach their next round of **freight plan updates**.
- A virtual information exchange on how agencies are applying state, federal, private sector, and other **funding sources to deliver freight projects**, including initial thoughts regarding freight investment strategies for the reauthorization of the Infrastructure Investment and Jobs Act.
- **Quick-hit information exchanges** on freight data and planning topics of member interest. These topics would be identified on a rolling basis to respond to evolving needs as logistics and freight mobility needs evolve and as states prepare for their freight plan updates. These could include innovative applications of data and tools to support planning for freight safety, operations, and resiliency.

The Working Group will maintain two documents as **resource support** for members:

- Maintain and expand the **State Freight Plan Matrix** created in FY23, including refreshing state-specific information as freight plan updates and special studies are completed, as well as adding content on planning activities related to truck parking, safety, energy, rail, ports/waterways, funding, and other emerging issues.
- Rebuild and refine the Coalition's **Freight Data Matrix**, which will be updated to include new and enhanced federal data sets; spotlight applicable state-level data examples; and incorporate elements from applicable TDM datasets.

The Working Group also will continue to facilitate member awareness of and engagement in **Federal multimodal programs and discretionary grant opportunities** that support supply chain efficiencies including rail, inland ports, intermodal terminals, and coastal and short-sea shipping (e.g., the M95 Marine Highway program), as well as federal planning efforts such as the National Strategic Freight Plan and National Multimodal Freight Network.



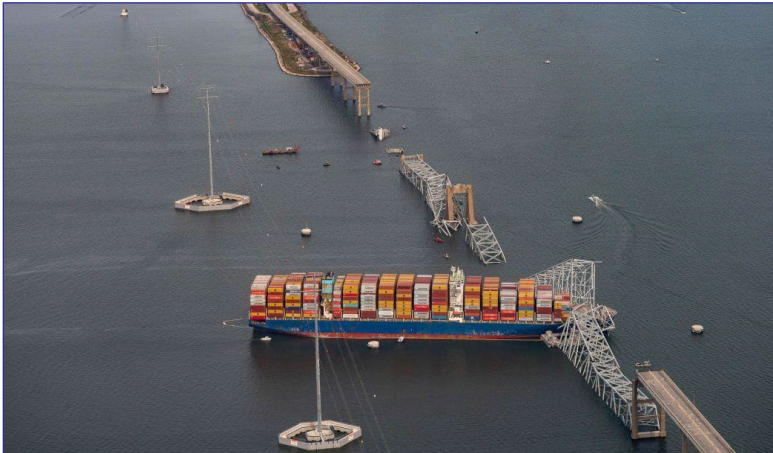
Through a SCOOP project, all TETC agencies will receive datasets of the most recent Freight Analysis Framework (FAF 5.4) disaggregated data. During FY25, the Freight Data and Planning Working Group will explore how agencies are using these datasets in supporting freight planning and related work.

Truck Parking Working Group

The Coalition will continue its **Truck Parking Working Group**, comprising member agency staff from planning, operations, and maintenance. This Working Group will meet quarterly to provide a roundtable for exchange among states. Potential meeting topics will focus on spotlight presentations on truck parking studies and initiatives for expanding capacity and real-time truck parking availability.

TRUCK PARKING GROUP LEADERSHIP	
	Erik Johnson <i>Virginia Department of Transportation</i>

In FY25, the Working Group will also convene special sessions based on member requests to identify best practices or model approaches for creating and executing emergency truck parking plans to support the resiliency of the freight system during disruptions such as extreme weather events and road, bridge, or port closures. An example of this activity occurred in FY24, when the Working Group virtually met with the Federal Motor Carrier Safety Administration to explore how agencies are addressing truck parking demands in the aftermath of the Francis Scott Key Bridge collapse.



"Thank you to the Coalition staff for all their amazing help throughout the bridge collapse. That was a perfect example of how this stuff is supposed to work."

John "JT" Thomas, Maryland Department of Transportation

Freight Operations and Technology Initiatives

In addition to the specific activities of the two Working Groups, the Freight Committee will sponsor up to four additional information exchanges during the year to advance topics related to freight operations and technology. Specific topics will be identified by Committee leadership over the course of the year in response to member needs. Topics may include:

- A virtual information exchange on **commercial vehicle alerts and queue warnings** (with **TSMO** program).
- A virtual information exchange on **improving signal timing on truck routes** and near major freight generators to reduce bottlenecks and improve safety and mobility (with **TSMO** program).
- Additional **quick-hit information exchanges** on other emerging topics related to freight operations and technology, such as artificial intelligence applications.

The Committee also will sponsor a **workshop on medium- and heavy-duty zero-emissions freight (ZEV) vehicles**, to showcase the state of the practice and discuss the role of state DOTs in advancing these initiatives. This workshop would leverage work conducted under the East Coast Commercial ZEV Corridor Project (see discussion under **Innovation** program).

In addition to these activities, the Freight Committee will advance collaboration on specific targeted operations and technology opportunities for Coalition states, including:

- Continuing the work initiated in the past few years to prevent and reduce the impacts on the freight system of **bridge strikes** by commercial vehicles. These may include using emerging technology to warn drivers of low bridge clearances and prevent strikes from occurring, data collection on site after strikes occur, and information sharing about strikes and related traffic disruptions with commercial drivers and the public in partnership with OEMs, electronic logging devices (ELDs), and third-party mapping and navigation providers. This also may include regional messaging campaigns (such as "Check Your Height, Know It's Right").
- Continuing to facilitate and promote **real-time alerts to commercial vehicles to enhance safety and resiliency**. The Freight program will continue work focused on state DOT delivery of real-time alerts to commercial vehicles before and after disruptions. The approach will build on work by the **TSMO** program to coordinate with mapping companies, as well as successful efforts including Drivewyze, HAAS, and other customized alerts for trucks. The program will continue to work with in private sector users such as motor carrier, truck manufacturers, and technology providers to provide input including potential onboard technologies that can be leveraged for alerts. This collaboration could support virtual exchanges on applications of truck alert concepts and deployment examples by agencies and industry stakeholders.











The Coalition also will enhance its web-based **CVO Portal**, which links directly to state and related resources for trucking companies and drivers on commercial vehicle regulations, safety, and operations. The Coalition will update and expand portal content to include other topics related to safety and resilience, such as commercial vehicle travel restrictions.

Training

The Coalition will convene its nationally recognized **Freight Academy** in spring 2025. The Freight Academy helps operations, policy, and planning staff better understand freight as an integral part of the transportation system. The Academy includes immersive training, field visits, opportunities to engage with private sector leaders, and capstone group projects. The FY25 academy will focus on how logistics are being influenced by artificial intelligence and the implications for public sector freight transportation and operations decision-makers.

The Freight Committee also will sponsor an **educational webinar** on the state of the practice for **Mileage-Based User Fees (MBUF)** related to trucking in partnership with the **Innovation Program**. This webinar would discuss findings from the Coalition's MBUF Phase 5 Motor Carrier work and provide an update on national MBUF truck initiatives.

Freight Workplan Summary

Activity	Projects/Deliverables	Executive Board Priorities
Data and Planning	<ul style="list-style-type: none"> ■ Quarterly Freight Data and Planning Working Group meetings with spotlight presentations, including a TDM Vendor Forum (with TSMO program) and innovative planning/investment practices ■ Updated and expanded Freight Data Matrix ■ Updated and expanded State Freight Plan Matrix ■ Continued facilitation of member agency engagement in federal initiatives and discretionary grant opportunities 	 
Truck Parking Working Group	<ul style="list-style-type: none"> ■ Quarterly Truck Parking Working Group meetings with spotlight presentations ■ Initiative to identify best practices or model approaches to create and implement emergency truck parking plans 	
Freight Operations and Technology Initiatives	<ul style="list-style-type: none"> ■ Up to four information exchanges to focus on operations and technology strategies (with TSMO and Innovation programs) ■ Workshop on the transition to medium- and heavy-duty zero-emissions freight vehicles (with Innovation program) ■ Continued collaboration on preventing, reducing the impact of, and sharing information about commercial vehicle bridge strikes (with TSMO program) ■ Continued collaboration on sharing real-time alerts to commercial drivers (with TSMO program) ■ Updated and expanded CVO Portal 	  
Training	<ul style="list-style-type: none"> ■ FY25 Freight Academy focusing on application of artificial intelligence and other emerging technologies to freight and logistics (with TSMO program) ■ Educational webinar update on Mileage-Based User Fees (MBUF) for motor carrier industry (with Innovation program) 	   

3.0 Innovation



The Innovation program is designed to be an incubator: a home to new, dynamic topics. This program provides an opportunity to apply resources to emerging or evolving transportation opportunities and challenges our members are facing related to changing technologies, policy priorities, or funding approaches. The Coalition will prioritize two Innovation topics in FY25:

- **Electric vehicles (EV)**, with emphasis on facilitating peer-to-peer exchange, strengthening partnerships, and developing tools to help states prepare for the electrification of transportation.
- **Sustainable transportation funding**, with emphasis on **tolling reciprocity** and **mileage-based user fees**.

Electric Vehicles

The Coalition launched an Electric Vehicle (EV) initiative in FY22. The goal of the initiative remains to support member agencies through the transition to electrification. Working in a dynamic area with resources available through the Federal government and industry groups, the Coalition has focused on providing added value to members in key areas not being served by other efforts. For example, the Innovation and **TSMO** programs convened a symposium in June 2024 to explore the unique impacts that hybrid and electric vehicles present to first responder and incident management practitioners.



In FY24, the Coalition completed a SCOOP project to provide a user-friendly guide for states on the **data collection and reporting requirements** specified by the National Electric Vehicle

Infrastructure (NEVI) program. The Coalition also launched a SCOOP project, known as "**Charging the Charge: To kWh Fee or not to kWh fee?**". This project explored the pros, cons, and challenges with and feasibility of implementing kWh fees as a revenue source for electric vehicles in lieu of the gas tax. The project is developing a state of the practice memo exploring current programs and will support a virtual event in 2024.

EV WORKING GROUP LEADERSHIP



Colton Brown
Pennsylvania Department of Transportation



April Combs
Florida Department of Transportation



Natasha Fackler
Pennsylvania Department of Transportation



Patrick Murphy
Vermont Agency of Transportation

In FY25, the EV initiative will continue to bring practical guidance and tools to DOT staff through ongoing information exchange. The Coalition will sponsor the following events:

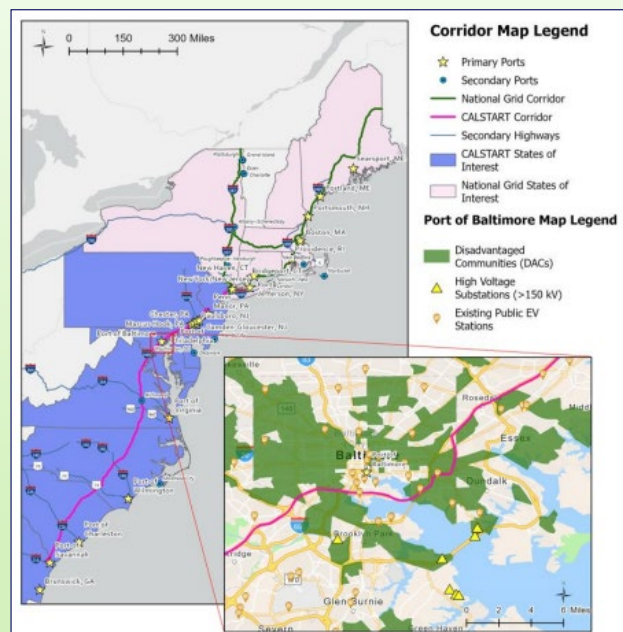
- A virtual information exchange, **Shortening EV Project Timelines: Defining the Problem**, in fall 2024, to identify the challenges, barriers, and issues that lead to delays in EV project delivery. This will be followed by an in-person workshop, **Shortening EV Project Timelines: Advancing Solutions**, in spring 2025, to bring state DOTs and partners together to address the problems identified in the initial virtual event.
- A virtual information exchange, **EV and Operations**, in winter 2025, to hear from practitioners who are working on roadway operations challenges unique to EVs (such as severe weather events and charging or EVs and vulnerable users) on how to leverage lessons learned to improve safety. This will be a partnership with the **TSMO** program.
- An in-person workshop, **EV and Alternative Fuels for Freight Vehicles**, to explore issues related to a transition to electric and other alternative fuel commercial vehicles. This workshop will cover industry trends, charging and fueling infrastructure and coordination with private sector groups and other partners. Building on the East Commercial ZEV Project (below), this workshop will be convened in fall 2024 in partnership with the **Freight** program.



EAST COAST COMMERCIAL ZEV CORRIDOR PROJECT

In partnership with Calstart and others, the Coalition has been awarded a grant from the U.S. Department of Energy to support an East Coast Commercial ZEV Corridor Project.

This project will facilitate the deployment of medium- and heavy-duty ZEV infrastructure. The Coalition is co-leading industry and infrastructure working groups beginning in summer 2024 to bring key member voices in the conversation.



Sustainable Transportation Funding

The Coalition will continue to advance initiatives related to sustainable funding options, with a focus on how agencies might prepare for, implement, and enhance business practices related to tolling and mileage-based user fees.

MILEAGE-BASED USER FEES

Since FY18, the Coalition has been involved in the national dialogue on identifying feasible and sustainable transportation funding sources in response to declining fuel tax revenue. The Coalition was awarded six consecutive Surface Transportation System Funding Alternative (STSFA) grants under the FAST Act.

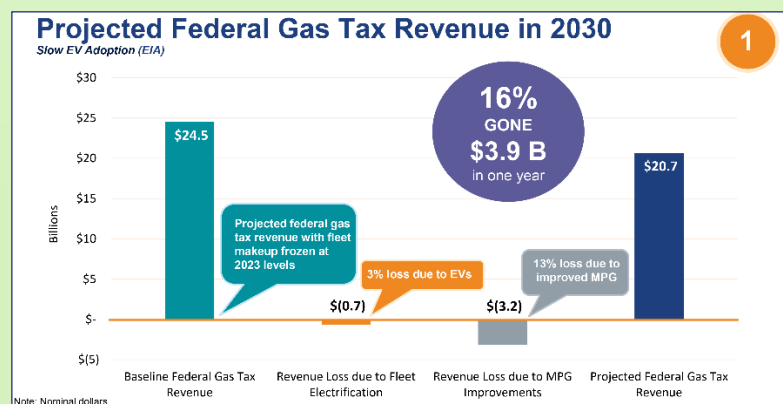
"MBUF would be a major change in how we fund transportation. The pilot projects help us understand how people might react."

Coalition member

As of FY24, the Coalition has conducted work across nine states including 12 passenger vehicle pilots, three commercial vehicle pilots, public opinion research, socioeconomic equity analyses, peer exchanges, a compendium of revenue alternatives, and educational material. The Coalition recently submitted a grant application under the new IJA program, Strategic Innovation for Revenue Collection (SIRC) which, if awarded, will include six returning states, four new states, and a metropolitan planning organization.



In FY25, work on the fifth and sixth STSFA grants will include:

- Engaging members of the public through pilot projects.
- Conducting specialized pilots to test MBUF capabilities, such as for EV owners, or electric or alternative fuel trucks to explore the complexity of weight for rate setting.
- Conducting surveys and focus groups with pilot participants and members of the public to gauge perception and sentiment about MBUF.
- Communicating the real revenue impacts of the transition to EVs and higher fuel-efficient vehicles through state-specific "revenue soundbites."
- Exploring the specific needs and elements of a clearinghouse to support a regional MBUF model.
- Identifying challenges with and solutions to enforcement and compliance in an MBUF program.
- Examining questions about rate setting including opportunities to support policy goals and issues related to equity.
- Supporting Virginia's Mileage Choice Program through understanding the motivation and experience of eligible participants.



The Coalition has been working in partnership with the International Bridge, Tunnel, and Turnpike Association (IBTTA) to advance activities related to toll reciprocity across states. This partnership has focused on strengthening the conversation with departments of motor vehicles as critical partners and resources in the efforts to strengthen reciprocity. In September 2024, the Coalition and IBTTA will jointly host a workshop for Mid-Atlantic states engaged in a conversation about tolling reciprocity. The objective will be to focus on a smaller region and bring motivated states together to identify challenges and remove some of the current barriers. Once completed, the Coalition will identify methods to bring lessons learned and relevant takeaways to other interested members of the Coalition region.

Innovation Workplan Summary

Emphasis Area	Projects/Deliverables	Executive Board Priorities
Electric Vehicles	<ul style="list-style-type: none"> ■ Two virtual information exchanges, one on identifying sources of delay in EV project delivery, and one on roadside operations challenges unique to EV (with TSMO program) ■ One in-person workshop on developing solutions for shortening EV delivery timelines ■ Completion of state of practice memo and virtual event to roll out SCOOP project on the feasibility of kWh fees ■ One in-person workshop exploring the transition to EV and alternative fuels for freight vehicles (with Freight program) ■ Completion of East Coast Commercial ZEV Corridor Project, funded through U.S. Department of Energy grant (with Freight program) 	
Sustainable Transportation Funding	<ul style="list-style-type: none"> ■ Work on Phase 5 and Phase 6 STSFA grants to explore Mileage-Based User Fee (MBUF) ■ Workshop delivered in partnership with IBTTA to explore toll reciprocity issues in Mid-Atlantic region; potential to expand to other regions 	

4.0 Special Cooperative Projects



The Coalition's core activities are supported by the annual member dues provided by each state. However, to respond to an increasing request for quick-turnaround projects that address pressing and rapidly emerging needs, the Coalition established a Special Cooperative Projects (SCOOP) fund in FY23 for interested agencies. The additional funds from members are used to conduct research, data and tools development, analysis, and capacity-building that provide a foundation for immediate implementation.

SCOOP fills the need between the Coalition's core program and external funding sources (e.g., discretionary grants or other application-based funding) that are time-consuming to use. SCOOP fosters collaboration between participating states and supports the Coalition's emphasis on developing innovative and implementable ideas, testing emerging technologies, and leveraging data.

This Fund is intended to support projects that:

- Can be completed within 6 to 12 months.
- Are anticipated to provide benefits that extend beyond one state and support multi-state and cross-border collaboration.
- Have immediate urgency, but also support longer-term strategic needs.
- Address unique opportunities that are not underway by other associations or groups of states.
- Support the Coalition's vision, mission, and Executive Board priorities for the year.





SCOOP is designed as a 12-month process. Members identify project ideas in April/May of each calendar year. Agencies confirm their intent to participate in SCOOP by July of each year. A SCOOP committee comprising participating states selects projects for funding in August of each year. Projects then get underway, and the work is evaluated in February/March in preparation for the next year's SCOOP cycle.

In FY23, 10 states contributed a total of \$400,000 to this fund. In FY24, 11 states contributed a total of \$567,000 to this fund. A total of 13 SCOOP projects have been funded in the past two years.

"It's always interesting hearing the different perspectives and priorities. SCOOP continues to be a great example of how states can bring innovation and change to the industry when we put our collective heads together. It's very exciting."





Jason Dicembre
Maryland State Highway
Administration

SCOOP at Work: Example FY23 and FY24 Projects

Board Priority	Project	Purpose	Lead State
	<ul style="list-style-type: none"> ■ ADAS Driver Training 	<ul style="list-style-type: none"> ■ Create and test a video to make drivers aware of ADAS technology 	<ul style="list-style-type: none"> ■ Delaware
	<ul style="list-style-type: none"> ■ Virtual TIM Training Module 	<ul style="list-style-type: none"> ■ Enhance agency incident management skills through a new virtual training module that presents a wide range of hypothetical situations 	<ul style="list-style-type: none"> ■ Georgia
	<ul style="list-style-type: none"> ■ Connected Vehicle Data Prioritization 	<ul style="list-style-type: none"> ■ Explore strengths, limitations, applicability, and costs of connected vehicle data for operations 	<ul style="list-style-type: none"> ■ Maryland
	<ul style="list-style-type: none"> ■ Count All Pedestrians and Bicycles Efficiently (CAPABLE) 	<ul style="list-style-type: none"> ■ Identify opportunities for improving the quality and accuracy of bicycle and pedestrian data to better protect vulnerable users 	<ul style="list-style-type: none"> ■ Connecticut
	<ul style="list-style-type: none"> ■ Real-time Volume Estimates Across Locations (REVEAL) 	<ul style="list-style-type: none"> ■ improve situational awareness during weather incidents, major incidents, and other disruptions using real-time volume estimates 	<ul style="list-style-type: none"> ■ New Jersey
	<ul style="list-style-type: none"> ■ What Freight Is Going Where? 	<ul style="list-style-type: none"> ■ Bring Freight Analysis Framework (FAF) 5.4 data to the county level for all Coalition states for better understanding of freight origins and destinations 	<ul style="list-style-type: none"> ■ North Carolina
	<ul style="list-style-type: none"> ■ Down with Copper Theft 	<ul style="list-style-type: none"> ■ Create synthesis of strategies for preventing or mitigating theft of copper wire from roadside digital infrastructure 	<ul style="list-style-type: none"> ■ Kentucky
	<ul style="list-style-type: none"> ■ EV Vendor Contracting Model 	<ul style="list-style-type: none"> ■ Develop best practice document for contracting with vendors for DC fast chargers 	<ul style="list-style-type: none"> ■ Vermont
	<ul style="list-style-type: none"> ■ Charging the Charge 	<ul style="list-style-type: none"> ■ Explore opportunities and challenges related to implementing kWh fees 	<ul style="list-style-type: none"> ■ New York

The FY25 Workplan development process identified several potential topics for FY24 SCOOP projects that are consistent with Executive Board priorities. These topics will be further developed and prioritized against available SCOOP funding in early FY25.

Potential FY25 SCOOP Projects

Board Priority	Potential SCOOP Project
	<ul style="list-style-type: none"> ■ Bring real-world data to better quantify secondary crash risks and identify potential trends and contributing factors ■ Review and identify lessons learned from member state laws regarding removal of disabled vehicles and their application to safety service patrols and advanced towing programs ■ Identify lessons learned from outsourcing of and inhouse management of service patrols including implementation of temporary traffic control plans
	<ul style="list-style-type: none"> ■ Build on FY24 CAPABLE project to further refine data specifications, collection, and use of non-motorized transportation modes in cooperation with industry ■ Explore ways to enhance the quality and quantity of probe data for rural routes, including creating a methodology to supplement data and allow predictive measures to fill data gaps
	<ul style="list-style-type: none"> ■ Explore and implement smart work zone technologies that enhance safety and enforcement capabilities, improving the safety of both motorists and construction workers ■ Update and build on earlier EV contractor guidelines to incorporate lessons learned from the initial round of NEVI RFPs and delivery
	<ul style="list-style-type: none"> ■ Develop case studies that illustrate how freight projects accrue benefits well beyond the physical point of investment and contribute to regional and national economies (e.g., public and private investment in rail projects such as those identified in the Mid-Atlantic Rail Operations study)

Coalition Team

The Coalition gratefully acknowledges the support of our entire team. Together the team delivers high quality results and are invaluable for directing programs, managing projects, responding to member needs, and supporting Board meetings, Coalition communications, financial management, contract oversight, data use agreements, meeting logistics, travel support, and the many other details that are needed to successfully carry out our Workplan and operations.

TSMO DIRECTOR



Sheryl Bradley

FREIGHT DIRECTOR



Marygrace Parker

INNOVATION DIRECTOR



Ginna Reeder

TSMO PROGRAM ASSOCIATE



Nicole Forest

CHIEF DATA OFFICER



Stan Young

PROGRAM ASSOCIATE



Lisa Miller

PROGRAM MANAGER



Patty Reich

ASSOCIATE PROGRAM MANAGER



Mai Quynh Le



30
YEARS

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CONNECTING FOR SOLUTIONS

